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SECTION 3A

HYDRAULIC EXCAVATORS

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A mode selection system for higher work efficiency(PC100~PC1600)

- HEAVY DUTY(H)mode for large scale earthmoving work (when equipped)(exclude PC100~PC180)
- STANDARD(S)mode for general digging and loading
- LIGHT DUTY(L)mode for low fuel consumption

An OLSS hydraulic system to provide great energy savings(PC100~PC1600)

- Reduction of various kinds of hydraulic losses which occur while working

A newly designed compartment for increased operator comfort

- Large cab with ample and comfortable work space
- Excellent visibility
- Easy operation by means of wrist control levers

An efficient hydraulic system for increased productivity

- Merging circuits in the arm result in shorter cycle times
- The machine travels straight during simultaneous operations(PC60~PC1600)
- The control valve type swing hydraulic system makes swing operations smooth

An advanced monitoring system to control the safety for the machine

A low noise, fuel efficient KOMATSU engine

An auto-deceleration system for further energy savings(when equipped)

A swing holding brake to facilitate work on slopes(when equipped)

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Item	Model	PC05-5	PC10-5	PC20-5	PC30-5
OPERATING WEIGHT	kg(lb)	1100 (2430)	2100 (4630)	2750 (6060)	3150 (6944)
FLYWHEEL HORSEPOWER:					
(SAE)	HP(kW)/RPM	12.8(9.5)/2000	18.7(14)/2600	24(18.4)/2400	29.6(22.1)/2700
(DIN)	PS(kW)/RPM	13(9.5)/2000	19(14)/2600	25(18.4)/2400	30(22.1)/2700
BUCKET CAPACITY RANGE		*0.04~0.06	*0.05~0.12	*0.05~0.13	*0.09~0.18
(SAE)	m^3(cu.yd)	(0.05) (0.08)	(0.065) (0.157)	(0.07) (0.17)	(0.21) (0.24)
PERFORMANCE:					
Swing speed	RPM	10	10	10	11
Max. travel speed	km/h(MPH)	2.0 (1.2)	2.0 (1.2)	2.4 (1.5)	Hi 3.6 (2.2) Lo 2.1 (1.3)
DIMENSIONS:					
Overall length(transport)	mm(ft.in)	3455 (11' 4")	4200 (13' 9")	4485 (14' 9")	4900 (16' 1")
Overall height(transport)		2210 (7' 3")	2285 (7' 6")	2335 (7' 8")	2335 (7' 8")
Overall width		1000 (3' 3")	1400 (4' 7")	1520 (5')	1520 (5')
Length of track on ground		1005 (3' 4")	1325 (4' 4")	1575 (5' 2")	1575 (5' 2")
Track gauge		770 (2' 6")	1080 (3' 7")	1220 (4')	1220 (4')
Tail swing radius		1090 (3' 7")	1280 (4' 2")	1400 (4' 7")	1470 (4'10")
Ground clearance		205 (8")	205 (8")	305 (1')	305 (1')
ENGINE:		KOMATSU	KOMATSU	KOMATSU	KOMATSU
Model		3D72	3D75	3D84	3D84
No. of cylinder – bore ×	mm	3 – 72 × 72	3 – 75 × 75	3 – 84 × 85	3 – 84 × 85
stroke	(in)	(2.83")(2.83")	(2.95")(2.95")	(3.3")(3.3")	(3.3")(3.3")
Piston displacement	ltr.(cu.in)	0.879 (53.6)	0.994 (60.7)	1.413 (86.2)	1.413 (86.2)
HYDRAULIC SYSTEM:					
Hydraulic pump		Gear pumps	Gear pumps	Gear pumps	Gear pumps
Max. oil flow	ltr.(U.S.Gal)/ min.	26 (6.8)	55 (14.5)	82 (22)	92 (24.4)
Max. oil pressure	kg/cm^2(PSI)	175 (2490)	175 (2490)	175 (2490)	175 (2489)
TRACK SHOES:					
Width/ground pressure	mm(in)/ kg/cm^2(PSI)	230 (9")/ 0.21 (3.0)	250 (10")/ 0.29 (4.1)	300 (11.8")/ 0.26 (3.7)	300 (11.8")/ 0.3 (4.3)
CAPACITY (Refilled):					
Fuel tank	ltr.(U.S.Gal)	20 (5.2)	35 (9.2)	45 (11.9)	45 (11.9)
Hydraulic oil tank		16.8 (4.4)	30 (7.9)	36 (9.5)	36 (9.5)

* Heaped (struck x 2)

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Item	Model	PC40-5	PC60-5	PC60L-5	PC60U-5
OPERATING WEIGHT	kg(lb)	3910 (8620)	6300 (13890)	6800 (14991)	7000 (15430)
FLYWHEEL HORSEPOWER:					
(SAE)	HP(kW)/RPM	38(28.7)/2600	54(40)/2100	54(40)/2100	54(40)/2100
(DIN)	PS(kW)/RPM	39(28.7)/2600	55(40)/2100	55(40)/2100	55(40)/2100
BUCKET CAPACITY RANGE		*0.08~0.26	0.09~0.36	0.09~0.36	0.09~0.28
(SAE)	m^3(cu.yd)	(0.10) (0.34)	(0.11) (0.47)	(0.11) (0.47)	(0.11) (0.37)
PERFORMANCE:					
Swing speed	RPM	10	14	14	14
Max. travel speed	km/h(MPH)	Hi 3.6 (2.2) Lo 2.1 (1.3)	3.8 (2.4)	3.0 (1.9)	3.4 (2.1)
DIMENSIONS:					
Overall length(transport)	mm(ft.in)	5340 (17' 6")	6000 (19' 8")	6000 (19' 8")	6430 (21' 1")
Overall height(transport)		2425 (7'11")	2580 (8' 6")	2630 (8' 8")	2580 (8' 6")
Overall width		1840 (6')	2290 (7' 6")	2370 (7' 9")	2290 (7' 6")
Length of track on ground		1905 (6' 3")	2670 (8' 6")	2940 (9' 8")	2670 (8' 9")
Track gauge		1440 (4' 9")	1700 (5' 7")	1700 (5' 7")	1700 (5' 7")
Tail swing radius		1485 (4'10")	1750 (5' 9")	1750 (5' 9")	1800 (5'11")
Ground clearance		305 (1')	360 (1' 2")	410 (1' 4")	360 (1' 2")
ENGINE:		KOMATSU	KOMATSU	KOMATSU	KOMATSU
Model		3D95S	4D95L	4D95L	4D95L
No. of cylinder – bore ×	mm	3 – 95 × 95	4 – 95 × 115	4 – 95 × 115	4 – 95 × 115
stroke	(in)	(3.7")(3.7")	(3.7")(4.5")	(3.7")(4.5")	(3.7")(4.5")
Piston displacement	ltr.(cu.in)	2.02 (123)	3.26 (199)	3.26 (199)	3.26 (199)
HYDRAULIC SYSTEM:		3 × gear	2 × Variable	2 × Variable	2 × Variable
Hydraulic pump		pumps	Piston	Piston	Piston
Max. oil flow	ltr.(U.S.Gal)/ min.	36.4(9.6) × 2 + 25.5 (6.7)	130 (34.3)	130 (34.3)	130 (34.3)
Max. oil pressure	kg/cm^2(PSI)	210 (2986)	300 (4267)	300 (4267)	300 (4267)
TRACK SHOES:					
Width/ground pressure	mm(in)/ kg/cm^2(PSI)	400 (15.7")/ 0.24 (3.3)	450 (17.7") 0.32 (4.6)	610 (24")/ 0.22 (3.1)	450 (17.7")/ 0.35 (5.0)
CAPACITY (Refilled):					
Fuel tank	ltr.(U.S.Gal)	45 (11.9)	155 (41)	155 (41)	155 (41)
Hydraulic oil tank		45 (11.9)	88 (23.2)	88 (23.2)	88 (23.2)

* Heaped (struck × 2)

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Item	Model	PC80-3	PC100-3	PC100L-3	PC100U-3
OPERATING WEIGHT	kg(lb)	8080 (17810)	10700 (23600)	12800 (28220)	12200 (26900)
FLYWHEEL HORSEPOWER:					
(SAE)	HP(kW)/RPM	64(47.8)/2400	79(59)/2100	79(59)/2100	79(59)/2100
(DIN)	PS(kW)/RPM	65(47.8)/2400	80(59)/2100	80(59)/2100	80(59)/2100
BUCKET CAPACITY RANGE		0.09~0.47	0.18~0.56	0.18~0.56	0.18~0.56
(SAE)	m^3(cu.yd)	(0.12) (0.61)	(0.24) (0.73)	(0.24) (0.73)	(0.24) (0.73)
PERFORMANCE:					
Swing speed	RPM	13.0	11.8	11.8	11.8
Max. travel speed	km/h(MPH)	3.8 (2.4)	3.6 (2.2)	2.7 (1.7)	3.4 (2.1)
DIMENSIONS:					
Overall length(transport)	mm(ft.in)	6370 (20'11")	7220 (23' 8")	7150 (24' 6")	8200 (26'11")
Overall height(transport)		2580 (8' 6")	2680 (8'10")	2940 (9' 8")	2680 (8'10")
Overall width		2380 (7'10")	2470 (8' 1")	2730 (9')	2470 (8' 1")
Length of track on ground		2330 (7' 8")	2570 (8' 5")	2850 (9' 4")	2720 (8'11")
Track gauge		1850 (6' 1")	1960 (6' 5")	1970 (6' 6")	1960 (6' 5")
Tail swing radius		1800 (5'11")	2250 (7' 5")	2250 (7' 5")	2250 (7' 5")
Ground clearance		400 (1' 4")	400 (1' 4")	550 (1'10")	400 (1' 4")
ENGINE:		KOMATSU	KOMATSU	KOMATSU	KOMATSU
Model		4D95L	6D95L	6D95L	6D95L
No. of cylinder – bore ×	mm	4 – 95 × 115	6 – 95 × 115	6 – 95 × 115	6 – 95 × 115
stroke	(in)	(3.7")(4.5")	(3.7")(4.5")	(3.7")(4.5")	(3.7")(4.5")
Piston displacement	ltr.(cu.in)	3.26 (199)	4.89 (298)	4.89 (298)	4.89 (298)
HYDRAULIC SYSTEM:		2 × Variable	2 × Variable	2 × Variable	2 × Variable
Hydraulic pump		Piston	Piston	Piston	Piston
Max. oil flow	ltr.(U.S.Gal)/ min.	158 (42)	206 (54)	206 (54)	206 (54)
Max. oil pressure	kg/cm^2(PSI)	300 (4266)	280 (3980)	280 (3980)	280 (3980)
TRACK SHOES:					
Width/ground pressure	mm(in)/ kg/cm^2(PSI)	480 (19")/ 0.36 (5.1)	510 (20")/ 0.38 (5.4)	760 (30")/ 0.27 (3.8)	510 (20")/ 0.40 (5.7)
CAPACITY (Refilled):					
Fuel tank	ltr.(U.S.Gal)	155 (41)	210 (55.5)	210 (55.5)	210 (55.5)
Hydraulic oil tank		88 (23.2)	110 (29.1)	110 (29.1)	110 (29.1)

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Item	Model	PC150NHD-3	PC180LC-3	PC180LLC-3	PC180NLC-3
OPERATING WEIGHT	kg(lb)	13880 (30600)	16680 (36780)	17480 (38540)	16380 (36110)
FLYWHEEL HORSEPOWER:					
(SAE)	HP(kW)/RPM	88.7(66.2)/2200	105(78)/2200	105(78)/2200	105(78)/2200
(DIN)	PS(kW)/RPM	90(66.2)/2200	106(78)/2200	106(78)/2200	106(78)/2200
BUCKET CAPACITY RANGE		0.18~0.65	0.57~1.0	0.57~1.0	0,57~1.0
(SAE)	m^3(cu.yd)	(0.24) (0.85)	(0.75) (1.31)	(0.75) (1.31)	(0.75) (1.31)
PERFORMANCE:					
Swing speed	RPM	12.4	12	12	12
Max. travel speed	km/h(MPH)	2.2 (1.4)	3.0 (1.9)	3.0 (1.9)	3.0 (1.9)
DIMENSIONS:					
Overall length(transport)	mm(ft.in)	7680 (25' 2")	8470 (27' 9")	8470 (27' 9")	8470 (27' 9")
Overall height(transport)		2820 (9' 3")	2850 (9' 4")	2920 (9' 7")	2850 (9' 4")
Overall width		2490 (8' 2")	2790 (9' 2")	2990 (9'10")	2490 (8' 2")
Length of track on ground		3260 (10' 8")	3260 (10' 8")	3640 (11'11")	3260 (10' 8")
Track gauge		1930 (6' 4")	2180 (7' 2")	2380 (7'10")	1930 (6' 4")
Tail swing radius		2250 (7' 5")	2445 (8')	2445 (8')	2445 (8')
Ground clearance		470 (1' 7")	470 (1' 7")	460 (1' 6")	470 (1' 7")
ENGINE:		KOMATSU	KOMATSU	KOMATSU	KOMATSU
Model		6D95L	S6D95L	S6D95L	S6D95L
No. of cylinder – bore x	mm	6 – 95 x 115	6 – 95 x 115	6 – 95 x 115	6 – 95 x 115
stroke	(in)	(3.7")(4.5")	(3.7")(4.5")	(3.7")(4.5")	(3.7")(4.5")
Piston displacement	ltr.(cu.in)	4.89 (298)	4.89 (298)	4.89 (298)	4.89 (298)
HYDRAULIC SYSTEM:		2 x Variable	2 x Variable	2 x Variable	2 x Variable
Hydraulic pump		Piston	Piston	Piston	Piston
Max. oil flow	ltr.(U.S.Gal)/ min.	216 (57)	288 (76)	288 (76)	288 (76)
Max. oil pressure	kg/cm^2(PSI)	290 (4120)	330 (4690)	330 (4690)	330 (4690)
TRACK SHOES:					
Width/ground pressure	mm(in)/ kg/cm^2(PSI)	560 (22")/ 0.36 (5.1)	610 (24")/ 0.39 (5.5)	610 (24")/ 0.36 (5.1)	560 (22")/ 0.41 (5.8)
CAPACITY (Refilled):					
Fuel tank	ltr.(U.S.Gal)	210 (55)	230 (61)	230 (61)	230 (61)
Hydraulic oil tank		110 (29)	134 (35.4)	134 (35.4)	134 (35.4)

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Item	Model	PC200-3	PC200LC-3	PC210-3	PC210LC-3
OPERATING WEIGHT	kg(lb)	18000 (39680)	19140 (42200)	18660 (41140)	19800 (43700)
FLYWHEEL HORSEPOWER: (SAE) (DIN)	 HP(kW)/RPM PS(kW)/RPM	 118(88)/2100 120(88)/2100	 118(88)/2100 120(88)/2100	 123(92)/2100 125(92)/2100	 123(92)/2100 125(92)/2100
BUCKET CAPACITY RANGE (SAE)	 m^3(cu.yd)	0.36~1.4 (0.47) (1.83)	0.36~1.4 (0.47) (1.83)	0.36~1.4 (0.47) (1.83)	0.36~1.4 (0.47) (1.83)
PERFORMANCE: Swing speed Max. travel speed	 RPM km/h(MPH)	 13.0 3.8 (2.4)	 13.0 3.4 (2.1)	 13.0 3.8 (2.4)	 13.0 3.4 (2.1)
DIMENSIONS: Overall length(transport) Overall height(transport) Overall width Length of track on ground Track gauge Tail swing radius Ground clearance	 mm(ft.in)	 9380 (30' 9") 2940 (9' 8") 2790 (9' 2") 3260 (10' 8") 2180 (7' 2") 2700 (8'10") 455 (1' 6")	 9380 (30' 9") 2940 (9' 8") 3090 (10' 2") 3640 (11'11") 2380 (7'10") 2700 (8'10") 455 (1' 6")	 9440 (31') 3050 (10') 2790 (9' 2") 3260 (10' 8") 2180 (7' 2") 2700 (8'10") 435 (1' 5")	 9440 (31') 3050 (10') 3090 (10' 2") 3640 (11'11") 2380 (7'10") 2700 (8'10") 435 (1' 5")
ENGINE: Model No. of cylinder – bore x stroke Piston displacement	 mm (in) ltr.(cu.in)	KOMATSU S6D105 6 – 105 x 125 (4.1")(4.9") 6.49 (396)	KOMATSU S6D105 6 – 105 x 125 (4.1")(4.9") 6.49 (396)	KOMATSU S6D105 6 – 105 x 125 (4.1")(4.9") 6.49 (396)	KOMATSU S6D105 6 – 105 x 125 (4.1")(4.9") 6.49 (396)
HYDRAULIC SYSTEM: Hydraulic pump Max. oil flow Max. oil pressure	 ltr.(U.S.Gal)/min. kg/cm^2(PSI)	2 x Variable Piston 436 (115) 320 (4550)	2 x Variable Piston 436 (115) 320 (4550)	2 x Variable Piston 436 (115) 320 (4550)	2 x Variable Piston 436 (115) 320 (4550)
TRACK SHOES: Width/ground pressure	mm(in)/ kg/cm^2(PSI)	610 (24")/ 0.41 (6.0)	710 (28")/ 0.34 (4.8)	610 (24")/ 0.47 (6.7)	710 (28")/ 0.38 (5.4)
CAPACITY (Refilled): Fuel tank Hydraulic oil tank	 ltr.(U.S.Gal)	 280 (74) 150 (39.6)	 280 (74) 150 (39.6)	 280 (74) 150 (39.6)	 280 (74) 150 (39.6)

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Item	Model	PC220-3	PC220LC-3	PC240-3	PC240LC-3
OPERATING WEIGHT	kg(lb)	22000 (48500)	23130 (50990)	22800 (50270)	23930 (52760)
FLYWHEEL HORSEPOWER:					
(SAE)	HP(kW)/RPM	148(110)/2100	148(110)/2100	148(110)/2100	148(110)/2100
(DIN)	PS(kW)/RPM	150(110)/2100	150(110)/2100	150(110)/2100	150(110)/2100
BUCKET CAPACITY RANGE		0.44~1.26	0.44~1.26	0.44~1.26	0.44~1.26
(SAE)	m^3(cu.yd)	(0.58) (1.65)	(0.58) (1.65)	(0.58) (1.65)	(0.58) (1.65)
PERFORMANCE:					
Swing speed	RPM	13	13	13	13
Max. travel speed	km/h(MPH)	3.4 (2.1)	3.4 (2.1)	3.4 (2.1)	3.4 (2.1)
DIMENSIONS:					
Overall length(transport)		10000 (32'10")	10000 (32'10")	9820 (32' 3")	9820 (32' 3")
Overall height(transport)		3060 (10')	3060 (10')	3190 (10' 6")	3190 (10' 6")
Overall width		2990 (9'10")	3290 (10'10")	2990 (9'10")	3290 (10'10")
Length of track on ground	mm(ft.in)	3445 (11' 4")	3825 (12' 7")	3445 (11' 4")	3825 (12' 7")
Track gauge		2380 (7'10")	2580 (8' 6")	2380 (7'10")	2580 (8' 6")
Tail swing radius		2900 (9' 6")	2900 (9' 6")	2900 (9' 6")	2900 (9' 6")
Ground clearance		455 (1' 6")	455 (1' 6")	435 (1' 5")	435 (1' 5")
ENGINE:		KOMATSU	KOMATSU	KOMATSU	KOMATSU
Model		S6D105	S6D105	S6D105	S6D105
No. of cylinder – bore ×	mm	6 – 105 × 125	6 – 105 × 125	6 – 105 × 125	6 – 105 × 125
stroke	(in)	(4.1")(4.9")	(4.1")(4.9")	(4.1")(4.9")	(4.1")(4.9")
Piston displacement	ltr.(cu.in)	6.49 (396)	6.49 (396)	6.49 (396)	6.49 (396)
HYDRAULIC SYSTEM:		2 × Variable	2 × Variable	2 × Variable	2 × Variable
Hydraulic pump		Piston	Piston	Piston	Piston
Max. oil flow	ltr.(U.S.Gal)/ min.	436 (115)	436 (115)	436 (115)	436 (115)
Max. oil pressure	kg/cm^2(PSI)	320 (4550)	320 (4550)	320 (4550)	320 (4550)
TRACK SHOES:					
Width/ground pressure	mm(in)/	610 (24")/	710 (28")/	610 (24")/	710 (28")/
	kg/cm^2(PSI)	0.48 (6.8)	0.39 (5.5)	0.50 (7.1)	0.41 (5.8)
CAPACITY (Refilled):					
Fuel tank	ltr.(U.S.Gal)	280 (74)	280 (74)	280 (74)	280 (74)
Hydraulic oil tank		150 (39.6)	150 (39.6)	150 (39.6)	150 (39.6)

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Item	Model	PC240NLC-3	PC280LC-3	PC280NLC-3	PC300-3
OPERATING WEIGHT	kg(lb)	23130 (50990)	26800 (59100)	26300 (58000)	29000 (63930)
FLYWHEEL HORSEPOWER:					
(SAE)	HP(kW)/RPM	148(110)/2100	168(125)/2100	168(125)/2100	*197(147)/1550
(DIN)	PS(kW)/RPM	150(110)/2100	170(125)/2100	170125)/2100	200(147)/1550
BUCKET CAPACITY RANGE		0.44~1.26	0.44~1.4	0.44~1.4	0.50~1.80
(SAE)	m^3(cu.yd)	(0.58) (1.65)	(0.58) (1.83)	(0.58) (1.83)	(0.65) (2.35)
PERFORMANCE:					
Swing speed	RPM	13.0	13.0	13.0	9.4
Max. travel speed	km/h(MPH)	3.4 (2.1)	2.5 (1.6)	2.5 (1.6)	3.2 (2.0)
DIMENSIONS:					
Overall length(transport)		9820 (32' 3")	9820 (32' 3")	9820 (32' 3")	10810 (35' 6")
Overall height(transport)		3190 (10' 6")	3280 (10' 9")	3280 (10' 9")	3080 (10' 1")
Overall width		2990 (9'10")	3290 (10'10")	2990 (9'10")	3190 (10' 6")
Length of track on ground	mm(ft.in)	3640 (11'11")	4045 (13' 3")	4045 (13' 3")	3460 (11' 4")
Track gauge		2380 (7'10")	2580 (8' 6")	2380 (7'10")	2580 (8' 6")
Tail swing radius		2900 (9' 6")	2900 (9' 6")	2900 (9' 6")	3225 (10' 7")
Ground clearance		435 (1' 5")	500 (1' 8")	500 (1' 8")	500 (1' 8")
ENGINE:		KOMATSU	KOMATSU	KOMATSU	KOMATSU
Model		S6D105	S6D110	S6D110	S6D125
No. of cylinder – bore ×	mm	6 – 105 × 125	6 – 110 × 125	6 – 110 × 125	6 – 125 × 150
stroke	(in)	(4.1")(4.9")	(4.3")(4.9")	(4.3")(4.9")	(4.9")(5.9")
Piston displacement	ltr.(cu.in)	6.49 (396)	7.13 (436)	7.13 (436)	11.05 (674)
HYDRAULIC SYSTEM:		2 × Variable	2 × Variable	2 × Variable	2 × Variable
Hydraulic pump		Piston	Piston	Piston	Piston
Max. oil flow	ltr.(U.S.Gal)/ min.	436 (115)	436 (115)	436 (115)	488 (129)
Max. oil pressure	kg/cm^2(PSI)	320 (4550)	320 (4550)	320 (4550)	320 (4550)
TRACK SHOES:					
Width/ground pressure	mm(in)/ kg/cm^2(PSI)	610 (24")/ 0.48 (6.8)	710 (28")/ 0.43 (6.1)	610 (24")/ 0.49 (6.97)	610 (24")/ 0.60 (8.5)
CAPACITY (Refilled):					
Fuel tank	ltr.(U.S.Gal)	280 (74)	280 (74)	280 (74)	510 (135)
Hydraulic oil tank		150 (39.6)	150 (39.6)	150 (39.6)	225 (59.4)

*: 206PS (203HP/151 kW) is available for European area.

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Item	Model	PC300LC-3	PC300NLC-3	PC360LC-3	PC400-3
OPERATING WEIGHT	kg(lb)	30800 (67900)	30300 (66800)	35700 (78700)	40000 (88180)
FLYWHEEL HORSEPOWER:					
(SAE)	HP(kW)/RPM	*197(147)/1550	*197(147)/1550	212(158)/1550	**266(199)/2000
(DIN)	PS(kW)/RPM	200(147)/1550	200(147)/1550	215(158)/1550	270(199)/2000
BUCKET CAPACITY RANGE		0.50~1.80	0.50~1.80	0.50~1.80	1.30~2.24
(SAE)	m^3(cu.yd)	(0.65) (2.35)	(0.65) (2.35)	(0.65) (2.35)	(1.70) (2.93)
PERFORMANCE:					
Swing speed	RPM	9.4	9.4	9.4	9.0
Max. travel speed	km/h(MPH)	3.2 (2.0)	3.2 (2.0)	2.3 (1.4)	Hi4.3 (2.7) Lo2.9 (1.8)
DIMENSIONS:					
Overall length(transport)		10810 (35' 6")	10810 (35' 6")	10810 (35' 6")	11720 (38' 5")
Overall height(transport)		3080 (10' 1")	3080 (10' 1")	3235 (10' 7")	3350 (11')
Overall width		3290 (10'10")	2990 (9'10")	3580 (11' 9")	3480 (11' 5")
Length of track on ground	mm(ft.in)	4045 (13' 3")	4045 (13' 3")	4450 (14' 7")	4020 (13' 2")
Track gauge		2580 (8' 6")	2380 (7'10")	2870 (9' 5")	2870 (9' 5")
Tail swing radius		3225 (10' 7")	3225 (10' 7")	3225 (10' 7")	3430 (11' 3")
Ground clearance		500 (1' 8")	500 (1' 8")	640 (2' 1")	640 (2' 1")
ENGINE:		KOMATSU	KOMATSU	KOMATSU	KOMATSU
Model		S6D125	S6D125	S6D125	S6D125
No. of cylinder – bore ×	mm	6 – 125 × 150	6 – 125 × 150	6 – 125 × 150	6 – 125 × 150
stroke	(in)	(4.9")(5.9")	(4.9")(5.9")	(4.9")(5.9")	(4.9")(5.9")
Piston displacement	ltr.(cu.in)	11.05 (674)	11.05 (674)	11.05 (674)	11.05 (674)
HYDRAULIC SYSTEM:		2 × Variable	2 × Variable	2 × Variable	2 × Variable
Hydraulic pump		Piston	Piston	Piston	Piston
Max. oil flow	ltr.(U.S.Gal)/min.	488 (129)	488 (129)	556 (147)	600 (159)
Max. oil pressure	kg/cm^2(PSI)	***350 (4977)	***350 (4977)	320 (4550)	320 (4550)
TRACK SHOES:					
Width/ground pressure	mm(in)/ kg/cm^2(PSI)	710 (28")/ 0.50 (7.1)	610 (24")/ 0.56 (7.97)	710 (28")/ 0.52 (7.29)	610 (24")/ 0.75 (10.7)
CAPACITY (Refilled):					
Fuel tank	ltr.(U.S.Gal)	510 (135)	510 (135)	510 (135)	510 (135)
Hydraulic oil tank		225 (59.4)	225 (59.4)	225 (59.4)	225 (59.4)

*: 206 PS (203HP/151 kW) is available for European area.
**: 278 PS (274 HP/207 kW) is available for European area.
***: Travel circuits

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Item	Model	PC400LC-3	PC650-3	PC1000-1	PC1600-1
OPERATING WEIGHT	kg(lb)	42000 (92590)	65000 (143300)	95000 (209440)	160000 (352730)
FLYWHEEL HORSEPOWER:					
(SAE)	HP(kW)/RPM	**266(199)/2000	404(302)/1800	542(405)/1700	808(603)/1800
(DIN)	PS(kW)/RPM	270(199)/2000	410(302)/1800	550(405)/1700	820(603)/1800
BUCKET CAPACITY RANGE		1.30~2.24	2.4~3.7	3.1~5.4	4.3~11.0
(SAE)	m^3(cu.yd)	(1.70) (2.93)	(3.1) (4.8)	(4.1) (7.1)	(5.6) (14.4)
PERFORMANCE:					
Swing speed	RPM	9.0	5.7	4.5	4.5
Max. travel speed	km/h(MPH)	Hi4.3 (2.7) Lo2.9 (1.8)	4.1 (2.5)	3.4 (2.1)	2.7 (1.7)
DIMENSIONS:					
Overall length	mm(ft.in)	11720 (38' 5")	14040 (46' 1")	15790 (51'10")	17300 (56' 9")
Overall height		3350 (11')	4910 (16' 1")	5800 (19')	7100 (23' 4")
Overall width		3480 (11' 5")	4135 (13' 7")	4610 (15' 2")	6020 (19' 9")
Length of track on ground		4450 (14' 7")	4500 (14' 9")	5030 (16' 6")	5780 (19')
Track gauge		2870 (9' 5")	3300 (10'10")	3900 (12'10")	4350 (14' 3")
Tail swing radius		3430 (11' 3")	4100 (13' 5")	4650 (15' 3")	5980 (19' 7")
Ground clearance		640 (2' 1")	880 (2'11")	970 (3' 2")	730 (2' 5")
ENGINE:		KOMATSU	KOMATSU	KOMATSU	KOMATSU
Model		S6D125	SA6D140	SA6D170	SA6D140×2
No. of cylinder – bore × stroke	mm (in)	6 – 125×150 (4.9")(5.9")	6 – 140×165 (5.5")(6.5")	6 – 170×170 (6.7")(6.7")	2×6 – 140×165 (5.5")(6.5")
Piston displacement	ltr.(cu.in)	11.05 (674)	15.2 (927)	23.15 (1412)	15.24×2(930×2)
HYDRAULIC SYSTEM:		2×Variable	3×Variable	3×Variable	4×Variable
Hydraulic pump		Piston	Piston	Piston	Piston
Max. oil flow	ltr.(U.S.Gal)/min.	600 (159)	1309 (346)	1704 (450)	2617 (691)
Max. oil pressure	kg/cm^2(PSI)	320 (4550)	320 (4550)	320 (4550)	*320 (4550)
TRACK SHOES:					
Width/ground pressure	mm(in)/ kg/cm^2(PSI)	710 (28")/ 0.61 (8.7)	610 (24")/ 1.06 (15.1)	710 (28")/ 1.27 (18.1)	810 (32")/ 1.55 (22.0)
CAPACITY (Refilled):					
Fuel tank	ltr.(U.S.Gal)	510 (135)	740 (196)	1140 (301)	2050 (542)
Hydraulic oil tank		225 (59.4)	480 (127)	650 (172)	1500 (396)

*: Travel circuits
**: 278PS (274 HP/207 kW) is available for European area.

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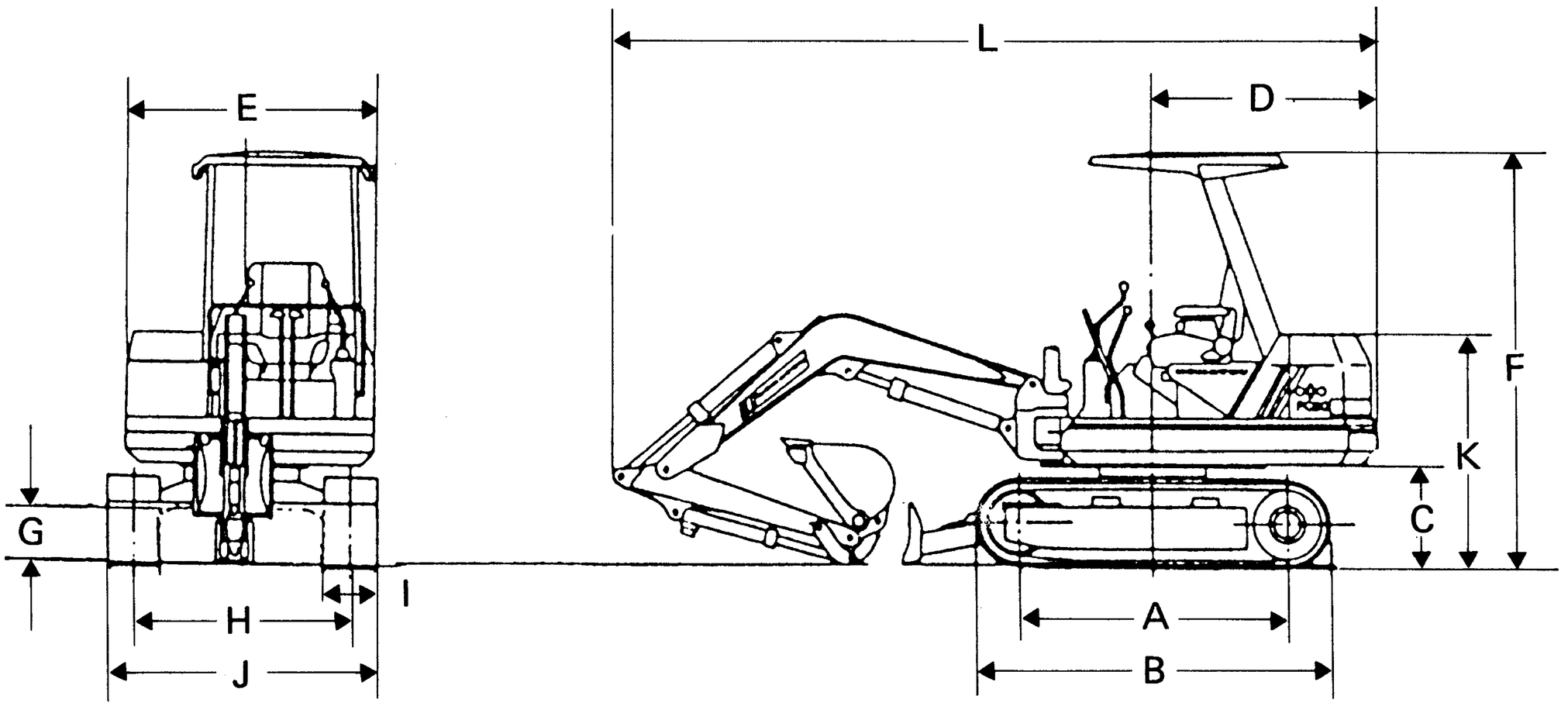
Shipping Dimensions



	A mm (ft.in)	B mm (ft.in)	C mm (ft.in)	D mm (ft.in)	E mm (ft.in)	F mm (ft.in)	G mm (ft.in)	H mm (ft.in)	I mm (in)	J mm (ft.in)	K mm (ft.in)	L mm (ft.in)	Boom length m(ft.in)	Arm length m(ft.in)
PC05-5	1005 (3'5")	1375 (4'6")	440 (1'5')	1065 (3'6")	1000 (3'3")	2205 (7'3")	205 (8")	770 (2'6")	230 (9")	1000 (3'3")	1135 (3'9")	3455 (11'4")	1.53 (5')	0.88 (2'11")
PC10-5	1325 (4'4")	1815 (5'11")	555 (1'10")	1240 (4'1")	1330 (4'4")	2285 (7'6")	295 (11.6")	1080 (3'7")	250 (9.8")	1400 (4'7")	1305 (4'3")	4200 (13'9")	2.085 (6'10")	1.15 (3'9")
PC20-5	1575 (5'2")	2065 (6'9")	565 (1'10")	1345 (4'5")	1390 (4'7")	2335 (7'8")	305 (1')	1220 (4')	300 (11.8")	1520 (5')	1325 (4'4")	4485 (14'9")	2.19 (7'2")	1.15 (3'9")
PC30-5	1575 (5'2")	2065 (6'9")	565 (1'10")	1470 (4'10")	1390 (4'7")	2335 (7'8")	305 (1')	1220 (4')	300 (11.8")	1520 (5')	1325 (4'4")	4900 (16'1")	2.42 (7'11")	1.365 (4'6")
PC40-5	1905 (6'3")	2390 (7'10")	570 (1'10")	1485 (4'10")	1390 (4'7")	2425 (7'11")	305 (1')	1440 (4'9")	400 (15.7")	1840 (6')	1375 (4'6")	5340 (17'6")	2.65 (8'8")	1.43 (4'8")
												5305 (17'5")		1.9 (6'3")

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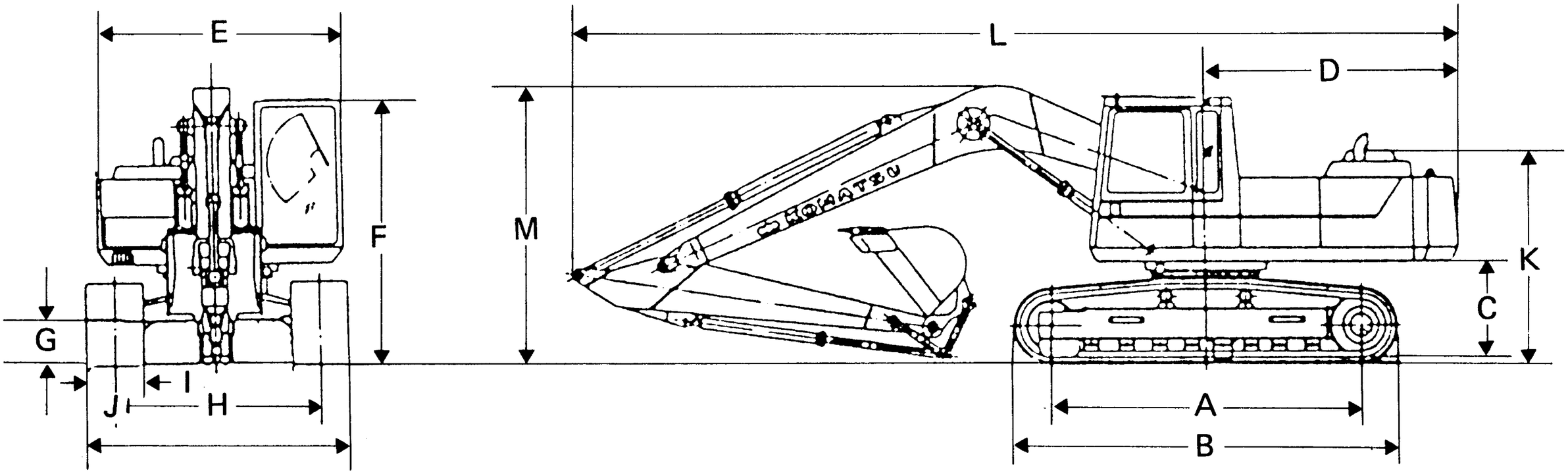
Shipping Dimensions

EXCAVATORS
BACKHOE



	A mm (ft.in)	B mm (ft.in)	C mm (ft.in)	D mm (ft.in)	E mm (ft.in)	F mm (ft.in)	G mm (ft.in)	H mm (ft.in)	I mm (in)	J mm (ft.in)	K mm (ft.in)	L mm (ft.in)	M mm (ft.in)	Boom length m(ft.in)	Arm length m(ft.in)
PC60-5	2050 (6'9")	2670 (8'9")	765 (2'6")	1750 (5'9")	2190 (7'2")	2580 (8'6")	360 (1'2")	1700 (5'7")	450 (17.7")	2150 (7'1")	1665 (5'6")	6000 (19'8")	2520 (8'3")	3.62 (11'11")	1.75 (5'9")
												6010 (19'9")	2715 (8'11")		2.25 (7'5")
PC60L-5	2320 (7'7")	2940 (9'8")	815 (2'8")	1750 (5'9")	2190 (7'2")	2630 (8'8")	410 (1'4")	1700 (5'7")	610 (24")	2310 (7'7")	1715 (5'8")	6000 (19'8")	2510 (8'3")	3.62 (11'11")	1.75 (5'9")
												6020 (19'9")	2705 (8'11")		2.25 (7'5")
PC60U-5	2050 (6'9")	2670 (8'9")	765 (2'6")	1760 (5'9")	2190 (7'2")	2580 (8'6")	360 (1'2")	1700 (5'7")	450 (17.7")	2150 (7'1")	1665 (5'6")	6430 (21'1")	2400 (7'10")	3.03 (9'11")	1.75 (5'9")
PC80-3	2330 (7'8")	2995 (9'10")	825 (2'8")	1750 (5'9")	2190 (7'2")	2650 (8'8")	400 (1'4")	1850 (6'1")	480 (18.9")	2330 (7'8")	1725 (5'8")	6370 (20'11")	2580 (8'6")	3.90 (12'10")	1.96 (6'5")
												6380 (20'11")	2665 (8'9")		2.51 (8'3")
PC100-3	2570 (8'5")	3335 (10'11")	860 (2'10")	2170 (7'1")	2415 (7'11")	2680 (8'10")	400 (1'4")	1960 (6'5")	510 (20")	2470 (8'1")	1810 (5'11")	7220 (23'8")	*	4.26 (14')	2.30 (7'7")
												7225 (23'8")	*		2.80 (9'2")
PC100L-3	2850 (9'4")	3760 (12'4")	1120 (3'8")	2170 (7'1")	2415 (7'11")	2940 (9'8")	550 (1'10")	1970 (6'6")	760 (30")	2730 (8'11")	2070 (6'10")	7150 (23"6")	*	4.26 (14')	2.30 (7'7")
												7285 (23'11")	*		2.80 (9'2")
PC100U-3	2720 (8'11")	3485 (11'5")	860 (2'10")	2170 (7'1")	2415 (7'11")	2680 (8'10")	400 (1'4")	1960 (6'5")	510 (20")	2470 (8'1")	1810 (5'11")	8200 (26'11")	*	3.95 (13')	2.30 (7'7")
												–	–		–

* Lower than the dimension "F"

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	A mm (ft.in)	B mm (ft.in)	C mm (ft.in)	D mm (ft.in)	E mm (ft.in)	F mm (ft.in)	G mm (ft.in)	H mm (ft.in)	I mm (in)	J mm (ft.in)	K mm (ft.in)	L mm (ft.in)	M mm (ft.in)	Boom length m(ft.in)	Arm length m(ft.in)
PC120-3	2720 (8'11")	3485 (11'5")	860 (2'10")	2170 (7'1")	2415 (7'11")	2680 (8'10")	400 (1'4")	1960 (6'5")	510 (20")	2470 (8'1")	1810 (5'11")	7650 (25'1")	*	4.6 (15'1")	2.5 (8'2")
												7640 (15'1")	2930 (9'7")		3.0 (9'10")
PC150-3	2850 (9'4")	3665 (12')	1000 (3'3")	2375 (7'10")	2450 (8')	2820 (9'3")	440 (1'5")	1980 (6'6")	510 (20")	2490 (8'2")	1950 (6'5")	8535 (28')	3045 (10')	5.15 (16'11")	1.85 (6'1")
												8475 (28'10")	*		2.25 (7'5")
PC150LC-3	3100 (10'2")	3905 (12'10")										8450 (27'9")	*		2.61 (8'7")
												8475 (28'10")	*		2.9 (9'6")
PC150HD-3	3260 (10'8")	4065 (13'4")	1000 (3'3")	2170 (7'1")	2415 (7'11")	2820 (9'3")	470 (1'7")	2180 (7'2")	610 (24")	2790 (9'2")	1950 (6'5")	7680 (25'2")	2590 (8'6")	4.6 (15'1")	2.1 (6'11")
												7700 (25'3")	2680 (8'10")		2.5 (8'2")
PC150 NHD-3								1930 (6'4")		2490 (8'2")		7680 (25'2")	2590 (8'6")		2.1 (6'11")
												7700 (25'3")	2680 (8'10")		2.5 (8'2")
PC180LC-3	3260 (10'8")	4065 (13'4")	1030 (3'5")	2375 (7'10")	2450 (8')	2850 (9'4")	470 (1'7")	2180 (7'2")	560 (22")	2790 (9'2")	1980 (6'6")	8535 (28')	3045 (9'12")	5.15 (16'11")	1.85 (6'1")
												8470 (27'9")	2810 (9'3")		2.25 (7'5")
PC180 NLC-3								1930 (6'4")		2490 (8'2")		8450 (27'9")	2820 (9'3")		2.61 (8'7")
												8480 (27'10")	2910 (9'7")		2.9 (9'6")
PC180 LLC-3	3640 (11'11")	4445 (14'7")	1100 (3'7")	2375 (7'10")	2450 (8')	2920 (9'7")	435 (1'5")	2380 (7'10")	610 (24")	2990 (9'10")	1980 (6'6")	8535 (28')	3115 (10'3")	5.15 (16'11")	1.85' (6'1")
												8470 (27'9")	2880 (9'5")		2.25 (7'5")
												8450 (27'9")	2890 (9'6")		2.61 (8'7")
												8480 (17'10")	2980 (9'9")		2.9 (9'6")
PC200-3	3260 (10'8")	4060 (13'4")	1060 (3'6")	2680 (8'10")	2595 (8'6")	2875 (9'5")	435 (1'5")	2180 (7'2")	610 (24")	2790 (9'2")	2770 (7'5")	9510 (31"2")	3090 (10'2")	5.7 (18'8")	1.8 (6'11")
												9440 (31')	3050 (10')		2.4 (7'10")
PC200LC-3	3640 (11'11")	4440 (14'7")						2380 (7'10")	710 (28")	3090 (10'2")		9380 (30'9")	2940 (9'8")		2.925 (9'7")
												9450 (31')	3270 (10'9")		4.055 (13'4")

* Lower than the dimension "F"

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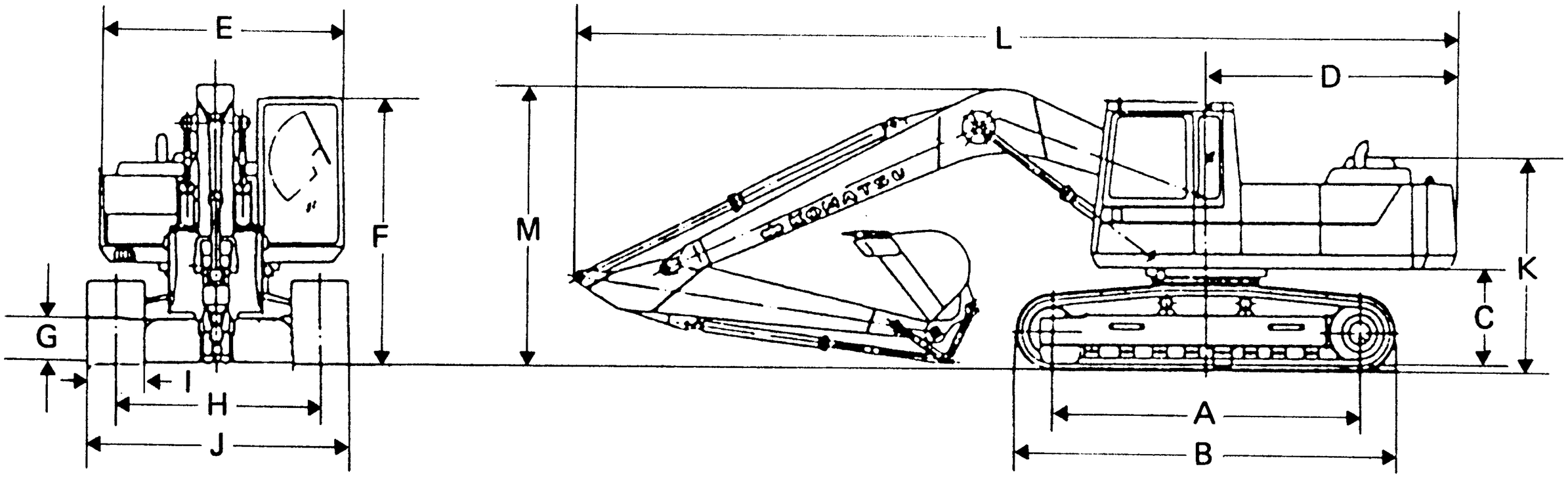
Shipping Dimensions

EXCAVATORS
BACKHOE



	A mm (ft.in)	B mm (ft.in)	C mm (ft.in)	D mm (ft.in)	E mm (ft.in)	F mm (ft.in)	G mm (ft.in)	H mm (ft.in)	I mm (in)	J mm (ft.in)	K mm (ft.in)	L mm (ft.in)	M mm (ft.in)	Boom length m(ft.in)	Arm length m(ft.in)
PC210-3	3260 (10'8")	4065 (13'4")	1085 (3'7")	2680 (8'10")	2595 (8'6")	2875 (9'5")	435 (1'5")	2180 (7'2")	610 (24")	2790 (9'2")	2270 (7'5")	9510 (31'2")	3090 (10'2")	5.7 (18'8")	1.8 (6'11")
												9440 (31')	3050 (10')		2.4 (7'10")
PC210LC-3	3640 (11'11")	4445 (14'7")						2380 (7'10")	710 (28")	3090 (10'2")		9380 (30'9")	2940 (9'8")		2.925 (9'7")
												9450 (31')	3270 (10'9")		4.055 (13'4")
PC220-3	3445 (11'4")	4250 (13'11")	1060 (3'6")	2830 (9'3")	2595 (8'6")	2875 (9'5")	435 (1'5")	2380 (7'10")	610 (24")	2990 (9'10")	2270 (7'5")	9940 (32'7")	3265 (10'9")	5.85 (19'2")	2.0 (6'7")
												9820 (32'3")	3190 (10'6")		2.5 (8'2")
PC220LC-3	3825 (12'7")	4625 (15'2")						2580 (8'6")	710 (28")	3290 (10'10")		10000 (32'10")	3060 (10')		3.05 (10')
												9780 (32'1")	3275 (10'9")		3.50 (11'6")
PC240-3	3445 (11'4")	4250 (13'11")	1060 (3'6")	2830 (9'3")	2595 (8'6")	2875 (9'5")	435 (1'5")	2380 (7'10")	610 (24")	2990 (9'10")	2270 (7'5")	9940 (32'7")	3265 (10'9")	5.85 (19'2")	2.0 (6'7")
												9820 (32'3")	3190 (10'6")		2.5 (8'2")
PC240LC-3	3825 (12'7")	4635 (15'2")						2580 (8'6")	710 (28")	3290 (10'10")		10000 (32'10")	3060 (10')		3.05 (10')
												9780 (32'1")	3275 (10'9")		3.5 (11'6")
PC240 NLC-3	3640 (11'11")	4445 (14'7")						2380 (7'10")	610 (24")	2990 (9'10")					

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Shipping Dimensions

EXCAVATORS
BACKHOE

	A mm (ft.in)	B mm (ft.in)	C mm (ft.in)	D mm (ft.in)	E mm (ft.in)	F mm (ft.in)	G mm (ft.in)	H mm (ft.in)	I mm (in)	J mm (ft.in)	K mm (ft.in)	L mm (ft.in)	M mm (ft.in)	Boom length m(ft.in)	Arm length m(ft.in)
PC280LC-3	4045 (13'3")	4955 (16'3")	1175 (3'10")	2830 (9'3")	2595 (8'6")	2995 (9'10")	500 (1'8")	2580 (8'6")	710 (28")	3290 (10'10")	2385 (7'10")	9950 (32'8")	3300 (10'11")	5.85 (19'2")	2.0 (6'7")
												9820 (32'3")	3200 (10'6")		2.5 (8'2")
PC280 NLC-3								2380 (7'10")	610 (24")	2990 (9'10")		9975 (32'9")	3095 (10'2")		3.05 (10')
												9775 (32'1")	3300 (10'10")		3.5 (11'6")
PC300-3	3640 (11'11")	4540 (14'11")	1150 (3'9")	3150 (10'4")	2960 (9'9")	3060 (10')	500 (1'8")	2580 (8'6")	610 (24")	3190 (10'6")	2520 (8'3")	10900 (35'9")	3370 (11'1")	6.47 (21'3")	2.2 (7'3")
PC300LC-3	4045 (13'3")	4955 (16'3")							710 (28")	3290 (10'10")		10850 (35'7")	3425 (11'3")		2.55 (8'4")
												10810 (35'6")	3080 (10'1")		3.13 (10'3")
PC300 NLC-3								2380 (7'10")	610 (24")	2990 (9'10")		10840 (35'7")	3490 (11'5")		4.02 (13'2")
PC360LC-3	4450 (14'7")	5470 (17'11")	1310 (4'4")	3150 (10'4")	2960 (9'9")	3220 (10'7")	640 (2'11")	2870 (9'5")	710 (28")	3580 (11'9")	2680 (8'10")	10895 (35'9")	3460 (11'4")	6.47 (21'3")	2.2 (7'3")
												10840 (35'7")	3480 (11'5")		2.55 (8'4")
												10810 (35'6")	3235 (10'7")		3.13 (10'3")
												10840 (35'7")	3490 (11'5")		4.02 (13'2")
PC400-3	4020 (13'2")	5040 (16'6")	1310 (4'4")	3360 (11')	2960 (9'9")	3220 (10'7")	640 (2'11")	2870 (9'5")	610 (24")	3480 (11'5")	2680 (8'10")	11795 (38'8")	3670 (12')	7.06 (23'2")	2.9 (9'6")
												11720 (38'5")	3350 (11')		3.355 (11')
PC400LC-3	4450 (14'7")	5470 (17'11")							710 (28")	3580 (11'9")		11745 (38'6")	3580 (11'9")		4.0 (13'1")
												11690 (38'4")	4080 (13'5")		4.81 (15'9")
PC650-3	4500 (14'9")	5815 (19'1")	1550 (5'1")	4020 (13'2")	3280 (10'9")	3600 (11'10")	880 (2'11")	3300 (10'10")	610 (24")	3910 (12'10")	3555 (1'8")	12900 (42'4")	5650 (18'6")	7.1 (23'4")	2.87 (9'5")
												12020 (39'5")	4000 (13'1")		2.87 (9'5")
												14040 (46'1")	4910 (16'1")	8.4 (27'7")	3.6 (11'10")
												14100 (46'3")	5330 (17'6")		5.1 (16'9")
PC1000-1	5030 (16'6")	6415 (21'1")	1635 (5'4")	4590 (15'1")	3590 (11'9")	3705 (12'2")	970 (3'2")	3900 (12'10")	710 (28")	4610 (15'2")	3740 (12'3")	14400 (47'3")	5850 (19'2")	7.9 (25'11")	3.4 (11'2")
												15790 (51'10")	5800 (19')		3.4 (11'2")
												15550 (51')	6600 (21'8")	9.25 (30'4")	4.6 (15'1")
												15230 (50')	7200 (23'7")		5.7 (18'8')
PC1600-1	5780 (19')	7445 (24'5")	2015 (6'7")	5880 (19'4")	3940 (12'11")	6220 (20'5")	730 (2'5")	4350 (14'3")	810 (31.9")	5160 (16'11")	4470 (14'8")	17300 (56'9")	7100 (23'4")	9.1 (29'10")	4.1 (13'5")
												19300 (63'4")	7500 (24'7")	11.4 (37'5")	4.1 (13'5")

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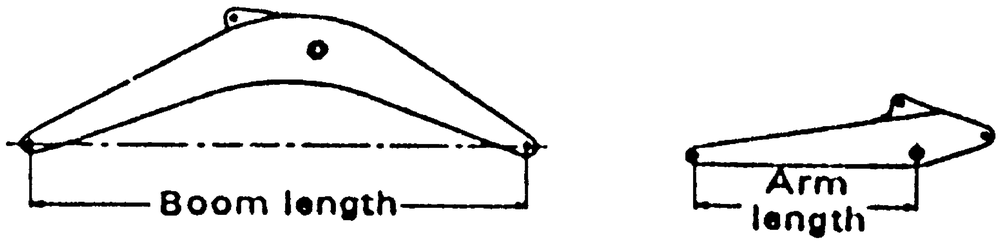
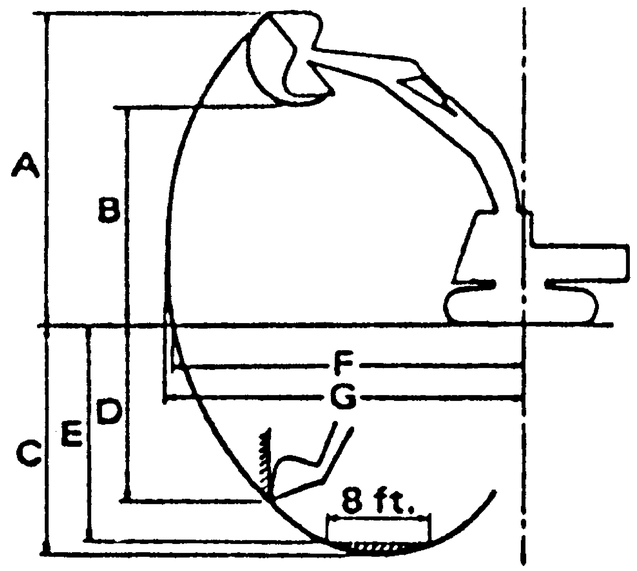
Working Ranges, Digging Force

EXCAVATORS BACKHOE





	Boom length m(ft.in)	Arm length m(ft.in)	A mm (ft.in)	B mm (ft.in)	C mm (ft.in)	D mm (ft.in)	E mm (ft.in)	F mm (ft.in)	G mm (ft.in)	Bucket digging force kg (lb/kN)	Arm crowd force kg(lb/kN)
PC05-5	1.53 (5')	0.88 (2'11")	2930 (9'7")	2000 (6'7")	1700 (5'7")	1330 (4'4")	840 (2'9")	3350 (11')	3440 (11'3")	1000 (2200/9.8)	675 (1490/6.6)
PC10-5	2.085 (6'10")	1.15 (3'9")	3810 (12'6")	2620 (8'7")	2310 (7'7")	1820 (6')	1620 (5')	4120 (13'6")	4270 (14')	1700 (3750/16.7)	1120 (2470/11.0)
PC20-5	2.19 (7'2")	1.15 (3'9")	4150 (13'7")	2850 (9'4")	2700 (8'10")	1900 (6'3")	2140 (7')	4510 (14'10")	4650 (15'3")	2050 (4520/20.1)	1250 (2760/12.3)
PC30-5	2.42 (7'11")	1.365 (4'6")	4320 (14'2")	2960 (9'9")	3060 (10')	1960 (6'5")	2850 (8'6")	4970 (16'4")	5090 (16'8")	2300 (5070/22.6)	1340 (2950/13.1)
PC40-5	2.65 (8'8")	1.43 (4'8")	5050 (16'7")	3340 (11')	3500 (11'6")	2750 (9')	3030 (9'11")	5450 (17'11")	5570 (18'3")	3150 (6940/30.9)	2000 (4410/19.6)
		1.90 (6'3")	5050 (16'7")	3400 (11'2")	4000 (13'1")	3100 (10'2")	3590 (11'9")	5850 (19'2")	5925 (19'5")		1650 (6340/16.2)
PC60-5	3.62 (11'11")	1.75 (5'9")	6540 (21'5")	4450 (14'7")	4060 (13'4")	3460 (11'4")	3740 (12'3")	6230 (20'5")	6360 (20'10")	4500 (9920/44)	3500 (7720/34)
		2.25 (7'5")	6540 (21'5")	4520 (14'10")	4560 (15')	3650 (12')	4260 (14')	6610 (21'8")	6730 (22'1")		3060 (6750/30)
PC60L-5	3.62 (11'11")	1.75 (5'9")	6590 (21'7")	4500 (14'9")	4010 (13'2")	3410 (11'2")	3690 (12'1")	6220 (20'5")	6360 (20'10")	4500 (9920/44)	3500 (7720/34)
		2.25 (7'5")	6590 (21'7")	4570 (15')	4510 (14'10")	3600 (11'10")	4210 (13'10")	6600 (21'8")	6730 (22'1")		3060 (6750/30)
PC60U-5	3.03 (9'11")	1.75 (5'9")	6130 (20'1")	4070 (13'4")	3950 (13')	2900 (9'6")	3580 (11'9")	6630 (21'9")	6810 (22'4")	4500 (9920/44)	3500 (7720/34)
PC80-3	3.9 (12'10")	1.96 (6'5")	6950 (22'7")	4780 (15'8")	4500 (14'9")	3840 (12'7")	4210 (13'10")	6750 (22'2")	6880 (22'7")	5500 (12130/53.9)	4400 (9700/43.1)
		2.51 (8'3")	7240 (23'9")	5145 (16'11")	5000 (16'5")	4565 (15')	4755 (15'7")	7220 (23'8")	7350 (24'1")		3750 (8270/36.8)
PC100-3	4.26 (14')	2.3 (7'7")	7310 (24')	5110 (16'9")	5000 (16'5")	4210 (13'10")	4740 (15'7")	7510 (24'8")	7650 (25'1")	6500 (14330/63.7)	4800 (10580/47.1)
		2.8 (9'2")	7405 (24'4")	5230 (17'2")	5500 (18'1")	4490 (14'9")	5285 (17'4")	7940 (26'1")	8065 (26'6")		4300 (9480/42.2)
PC100L-3	4.26 (14')	2.3 (7'7")	7570 (24'10")	5370 (17'7")	4740 (15'7")	3950 (13')	4480 (14'8")	7460 (24'6")	7650 (25'1")	6500 (14330/63.7)	4800 (10580/47.1)
		2.8 (9'2")	7665 (25'2")	5490 (18')	5240 (17'2")	4230 (13'11")	5025 (16'6")	7890 (25'11")	8065 (26'6")		4300 (9480/42.2)

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	Boom length m(ft.in)	Arm length m(ft.in)	A mm (ft.in)	B mm (ft.in)	C mm (ft.in)	D mm (ft.in)	E mm (ft.in)	F mm (ft.in)	G mm (ft.in)	Bucket digging force kg (lb/kN)	Arm crowd force kg (lb/kN)
PC120-3	4.6 (15'1")	2.5 (8'2")	7840 (25'9")	5480 (18')	5500 (18'1")	4810 (15'9")	5275 (17'4")	8080 (26'6")	8210 (26'11")	7000 (15430/68.6)	5100 (11240/50.0)
		3.0 (9'10")	7885 (25'10")	5550 (18'3")	6005 (19'8")	5085 (16'8")	5788 (19')	8485 (27'10")	8605 (28'3")		4660 (10280/45.6)
PC150-3 PC150LC-3	5.15 (16'11")	1.85 (6'1")	8200 (26'10")	5620 (18'5")	5300 (17'5")	4370 (14'4")	5020 (16'6")	8140 (26'8")	8320 (27'4")	8500 (18740/83.3)	9200 (20280/90.2)
		2.25 (7'6")	8330 (27'4")	5780 (18'11")	5700 (18'8")	4550 (14'11")	5430 (17'10")	8440 (27'8")	8615 (28'3")		7400 (16310/72.6)
		2.61 (8'7")	8500 (27'10")	5950 (19'6")	6050 (19'10")	5085 (16'8")	5815 (19'1")	8795 (28'10")	8700 (29'2")		6600 (14550/65)
		2.9 (9'6")	8700 (28'7")	6130 (20'1")	6340 (21'1")	5350 (17'6")	6130 (20'1")	9100 (29'10")	9235 (30'4")		6200 (13670/60.8)
PC150 HD-3 PC150 NHD-3	4.6 (15'1")	2.1 (6'11")	7780 (25'6")	5430 (17'10")	4990 (16'4")	4140 (13'7")	4730 (15'6")	7690 (25'3)	7850 (25'9")	7200 (15870/70.6)	5720 (12610/56.1)
		2.5 (8'2")	7950 (26'1")	5590 (18'4")	5390 (17'8")	4700 (15'5")	5780 (19')	8060 (26'5")	8210 (26'11")		5300 (11690/51.9)
PC180LC-3 PC180 NLC-3	5.15 (16'11")	1.85 (6'1")	8230 (27')	5650 (18'6")	5270 (17'3")	4340 (14'3")	4980 (16'4")	8130 (26'8")	8320 (27'4")	STD:8750 (19290/85.8) OPT:10590 (23350/103.8)	9700 (21380/95.1)
		2.25 (7'5")	8340 (27'4")	5820 (19'1")	5650 (18'6")	4450 (14'7")	5390 (17'8")	8430 (27'8")	8610 (28'3")		7600 (16750/74.5)
		2.61 (8'7")	8570 (28'1")	6020 (19'9")	6010 (19'9")	4940 (16'2")	5780 (19')	8780 (28'10")	8950 (29'4")		7000 (15430/68.6)
		2.90 (9'6")	8730 (28'8")	6160 (20'3")	6310 (20'8")	5330 (17'6")	6100 (20')	9240 (30'4")	9100 (29'10")		6460 (14240/63.3)
PC180 LLC-3	5.15 (16'11")	1.85 (6'1")	8300 (27'3")	5720 (18'9")	5200 (17'1")	4270 (14')	4910 (16'1")	8130 (26'8")	8320 (27'4")	STD:8750 (19290/85.8) OPT:10590 (23350/103.8)	9700 (21380/95.1)
		2.25 (7'5")	8410 (27'7")	5890 (19'4")	5580 (18'4")	4380 (14'4")	5320 (17'5")	8430 (27'8")	8610 (28'3")		7600 (16750/74.5)
		2.61 (8'7")	8640 (28'4")	6090 (20')	5940 (19'6")	4870 (16')	5710 (18'9")	8780 (28'10")	8950 (29'4")		7000 (15430/68.6)
		2.90 (9'6")	8800 (28'10")	6230 (20'5")	6240 (20'7")	5260 (17'3")	6030 (19'9")	9240 (30'4")	9100 (29'10")		6460 (14240/63.3)
PC200-3 PC200LC-3	5.7 (18'8")	1.8 (5'11")	8625 (28'4")	5905 (19'4")	5425 (17'10")	4950 (16'3")	5165 (16'11")	8650 (28'5")	8840 (29')	10700 (23590/105)	11900 (26200/117)
		2.4 (7'10")	8905 (29'3")	6180 (20'3")	6035 (19'10")	5575 (18'3")	5810 (19'1")	9225 (30'3")	9410 (30'10")		10300 (22700/101)
		2.93 (9'7")	8960 (29'5")	6255 (20'6")	6550 (21'6")	5965 (19'7")	6350 (20'10")	9660 (31'8")	9850 (32'4")		8800 (19400/86)
		Exten-sion	9310 (30'7")	6605 (21'8")	7680 (25'2")	7085 (23'3")	7520 (24'8")	10690 (35'1")	10850 (35'7")		7000 (15400/69)

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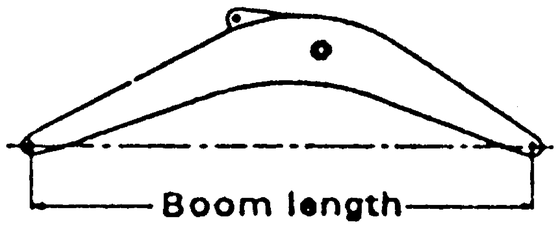
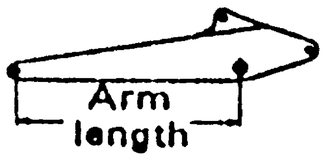
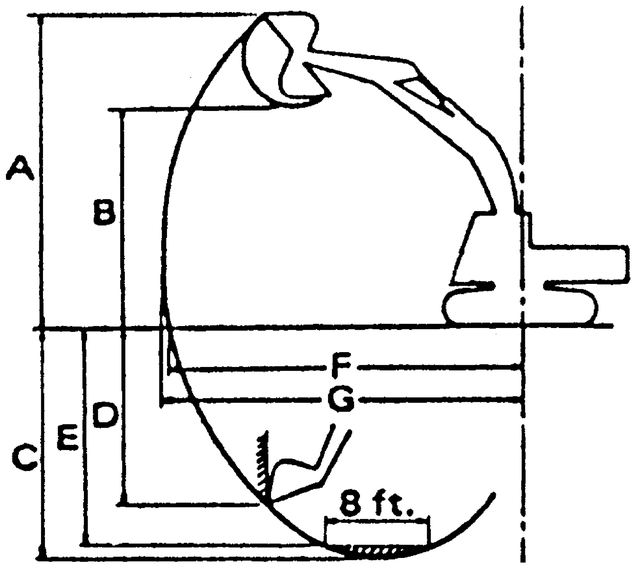
Working Ranges, Digging Force







	Boom length m(ft.in)	Arm length m(ft.in)	A mm (ft.in)	B mm (ft.in)	C mm (ft.in)	D mm (ft.in)	E mm (ft.in)	F mm (ft.in)	G mm (ft.in)	Bucket digging force kg(lb/kN)	Arm crowd force kg(lb/kN)
PC210-3 PC210LC-3	5.7 (18'8")	1.8 (5'11")	8625 (28'4")	5905 (19'4")	5425 (17'10")	4950 (16'3")	5165 (16'11")	8650 (28'5")	8840 (29')	12700 (28000/125)	11900 (26230/117)
		2.4 (7'10")	8905 (29'3")	6180 (20'3")	6035 (19'10")	5575 (18'3")	5810 (19'1")	9225 (30'3")	9410 (30'10")	10700 (23590/105)	10300 (22710/101)
		2.93 (9'7")	8960 (29'5")	6255 (20'6")	6550 (21'6")	5965 (19'7")	6350 (20'10")	9660 (31'8")	9850 (32'4")		8800 (19400/86)
		Exten- sion	9310 (30'7")	6605 (21'8")	7680 (25'2")	7085 (23'3")	7520 (24'8")	10690 (35'1")	10850 (35'7")		6300 (14000/62)
PC220-3 PC220LC-3	5.85 (19'2")	2.0 (6'7")	8900 (29'2")	6100 (20')	5665 (18'7")	4610 (15'1")	5430 (17'10")	9090 (29'10")	9285 (30'6")	12700 (28000/125)	14990 (33100/147)
		2.5 (8'2")	8970 (29'5")	6195 (20'4")	6165 (20'3")	4965 (16'3")	5960 (19'7")	9510 (31'2")	9695 (31'10")		12270 (27100/120)
		3.05 (10')	9180 (30'1")	6360 (20'10")	6700 (22')	5760 (18'11")	6570 (21'7")	10000 (32'10")	10180 (33'5")		10200 (22490/100)
		3.5 (11'6")	9435 (30'11")	6610 (21'8")	7160 (23'6")	6195 (20'4")	7005 (23')	10460 (34'4")	10625 (34'10")		9280 (20500/91)
PC240-3 PC240LC-3 PC240NLC -3	5.85 (19'2")	2.0 (6'7")	8900 (29'2")	6100 (20')	5670 (18'7")	4610 (15'1")	5430 (17'10")	9090 (29'10")	9290 (30'6")	STD: 12700 (28000/125) OPT: 14700 (32410/318)	14990 (33100/147)
		2.5 (8'2")	8970 (29'5")	6200 (20'4")	6170 (20'3")	4970 (16'3")	5960 (19'7")	9510 (31'2")	9700 (31'10")		12270 (27100/120)
		3.05 (10')	9180 (30'1")	6360 (20'10")	6700 (22')	5760 (18'11")	6570 (21'7")	10000 (32'10")	10180 (33'5")		10200 (22490/100)
		3.5 (11'6")	9440 (30'11")	6610 (21'8")	7160 (23'6")	6200 (20'4")	7010 (22'12")	10460 (34'4")	10630 (34'10")		9280 (20500/91)
PC280LC-3 PC280NLC -3	5.85 (19'2")	2.0 (6'7")	9015 (29'7")	6215 (20'5")	5550 (18'3")	4495 (14'9")	5315 (17'5")	9070 (29'9")	9285 (30'6")	STD: 12700 (28000/125) OPT: 14700 (32410/318)	14990 (33100/147)
		2.5 (8'2")	9085 (29'10")	6310 (20'8")	6040 (19'10")	4850 (15'11")	5845 (19'2")	9490 (31'2")	9695 (31'10")		12270 (27100/120)
		3.05 (10')	9295 (30'6")	6475 (21'3")	6585 (21'7")	5645 (18'6")	6455 (21'2")	9985 (32'9")	10180 (33'5")		10200 (22490/100)
		3.5 (11'6")	9550 (31'4")	6725 (22'1")	7045 (23'1")	6080 (19'11")	6895 (22'7")	10440 (34'3")	10625 (34'10")		9280 (20500/91)

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	Boom length m(ft.in)	Arm length m(ft.in)	A mm (ft.in)	B mm (ft.in)	C mm (ft.in)	D mm (ft.in)	E mm (ft.in)	F mm (ft.in)	G mm (ft.in)	Bucket digging force kg(lb/kN)	Arm crowd force kg(lb/kN)
PC300-3 PC300LC-3 PC300NLC -3	6.47 (21'3")	3.13 (10'3")	10150 (33'4")	7100 (23'4")	7320 (24')	6220 (20'5")	7140 (23'5")	10920 (35'10")	11100 (36'5")	17200 (37920/169)	13000 (28660/127)
		2.20 (7'3")	9580 (31'5")	6580 (21'7")	6380 (20'11")	5120 (16'10")	6160 (20'3")	9960 (32'8")	10160 (33'4")		17400 (38360/170)
		2.55 (8'4")	9950 (32'8")	6875 (22'6")	6730 (22'1")	5765 (18'11")	6545 (21'6")	10360 (33'11")	10550 (34'7")		15200 (33510/149)
		4.02 (13'2")	10535 (34'7")	7460 (24'5")	8200 (26'10)	7155 (23'6")	8070 (26'6")	11730 (38'6")	11900 (39'5")		11000 (24250/108)
PC360LC-3	6.47 (21'3")	2.2 (7'3")	9735 (31'11")	6735 (22'1")	6220 (20'5")	4855 (15'11")	5995 (19'8")	9930 (32'7")	10160 (33'4")	17200 (37920/169)	17400 (38360/170)
		2.55 (8'4")	10110 (33'2")	7035 (23'1")	6570 (21'7")	5605 (18'5")	6385 (20'11")	10330 (33'11")	10550 (34'7")		15200 (33510/149)
		3.13 (10'3")	10310 (33'10")	7260 (23'10")	7160 (23'6")	6060 (19'11")	7160 (23'6")	10890 (35'9")	11100 (36'5")		13000 (28660/127)
		4.02 (13'2")	10695 (35'1")	7620 (25')	8040 (26'5")	6995 (22'11")	7910 (25'11")	11705 (38'5")	11900 (39'1")		11000 (24250/108)
PC400-3 PC400LC-3	7.06 (23'2")	2.90 (9'6")	10230 (33'7")	7035 (23'10")	7280 (23'11")	5400 (17'9")	7090 (23'3")	12150 (39'10")	11430 (37'6")	20500 (45190/201)	20500 (45190/201)
		3.355 (11'1")	10860 (35'8")	7520 (24'8")	7730 (25'4")	6500 (21'6")	7600 (24'11")	11800 (38'9")	12000 (39'4")		17200 (37920/169)
		4.00 (13'1")	10955 (35'11")	7645 (25'10")	8380 (27'6")	6990 (22'11")	8250 (27'1")	12345 (40'6")	12540 (41'1")		15500 (34170/152)
		4.8 (15'9")	11420 (37'6")	8080 (26'6")	9190 (30'2")	7935 (26')	9080 (29'9")	13165 (43'2")	13350 (43'2")		13500 (29760/132)
PC650-3	7.1 (23'4")	2.87 (9'5")	11070 (36'4")	7260 (23'10")	7340 (24'10")	4470 (14'8")	7220 (23'8")	11900 (39'11")	12190 (40')	29000 (62930/284)	27700 (61070/272)
	8.4 (27'7")	2.87 (9'5")	12350 (40'6")	8500 (27'11")	8070 (26'6")	4970 (16'4")	7950 (26'1")	13200 (43'4")	13465 (44'2")		
		3.60 (11'10")	12510 (41'1")	8330 (27'4")	8870 (29'1")	7350 (24'1")	8730 (28'8")	13790 (45'3")	14015 (46')	25800 (56880/253)	23300 (51370/228)
		5.10 (16'9")	12810 (42')	8740 (28'8")	10310 (33'10")	8530 (28')	10225 (33'7")	15070 (49'5")	15300 (50'2")		18600 (41010/182)
PC1000-1	7.9 (25'11")	3.4 (11'2")	12700 (41'8")	8400 (27'7")	7900 (25'11")	6200 (20'4")	7800 (25'7")	13500 (44'4")	13900 (45'7")	37000 (81570/363)	34000 (74960/333)
	9.25 (30'4")	3.4 (11'2")	13400 (44')	9100 (29'10")	9300 (30'6")	7400 (24'3")	9160 (30'1")	15000 (49'3")	15300 (50'2")		
		4.6 (15'1")	13100 (42'11")	9000 (29'6")	10400 (34'1")	7600 (24'11")	10300 (33'10")	15900 (52'2")	16200 (53'2")		29000 (63930/284)
		5.7 (18'8")	13800 (45'3")	9500 (31'2")	11500 (37'9")	9200 (30'2")	11400 (37'5")	17000 (55'9")	17300 (56'9")	30500 (67240/299)	24500 (54010/240)

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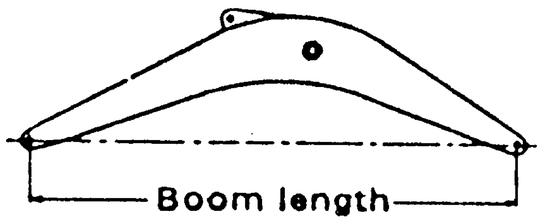

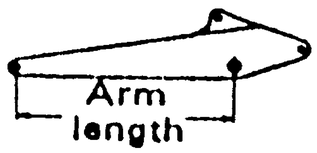

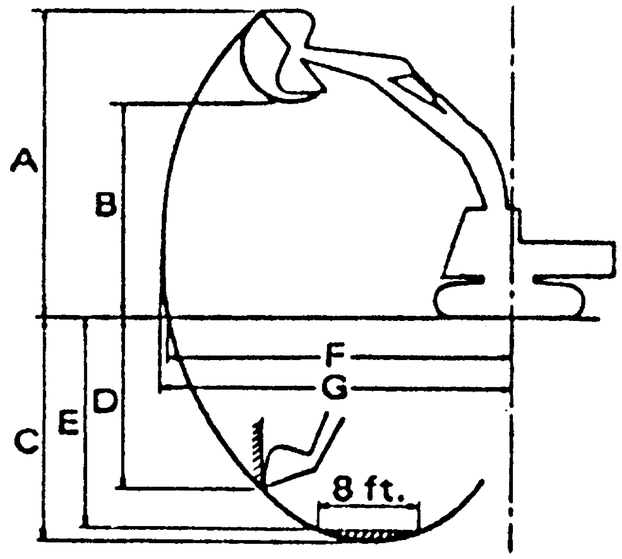

	Boom length m(ft.in)	Arm length m(ft.in)	A mm (ft.in)	B mm (ft.in)	C mm (ft.in)	D mm (ft.in)	E mm (ft.in)	F mm (ft.in)	G mm (ft.in)	Bucket digging force kg(lb/kN)	Arm crowd force kg(lb/kN)
PC1600-1	9.1 (29'10")	4.1 (13'5")	13550 (44'5")	8730 (28'8")	10000 (32'10")	5530 (18'2")	9900 (32'6")	16040 (52'8")	16450 (54')	58200 (128310/571)	54500 (120150/535)
		5.0 (16'5")	13850 (45'5")	9030 (29'8")	10730 (35'2")	6260 (20'6")	10630 (34'11")	16900 (55'5")	17290 (56'9")		48500 (106940/475)
	10.2 (33'6")	5.0 (16'5")	16090 (52'9")	10030 (32'11")	11920 (39'1")	6710 (22')	11820 (38'9")	18200 (59'9")	18590 (61')		48500 (106940/475)
	11.4 (37'5")	4.1 (13'5")	16350 (53'8")	10420 (34'2")	11880 (39')	7820 (25'8")	11780 (38'8")	18490 (60'8")	18860 (61'11")		54500 (120150/535)
		5.0 (16'5")	16640 (54'7")	10770 (35'4")	12790 (42')	9170 (30'1")	12690 (41'8")	19370 (63'7")	19730 (64'9")		48500 (106940/475)
		6.5 (21'4")	17170 (56'4")	11490 (37'8")	13740 (45'1")	10020 (32'11")	13640 (44'9")	20300 (66'7")	20650 (67'9")		41000 (90410/402)

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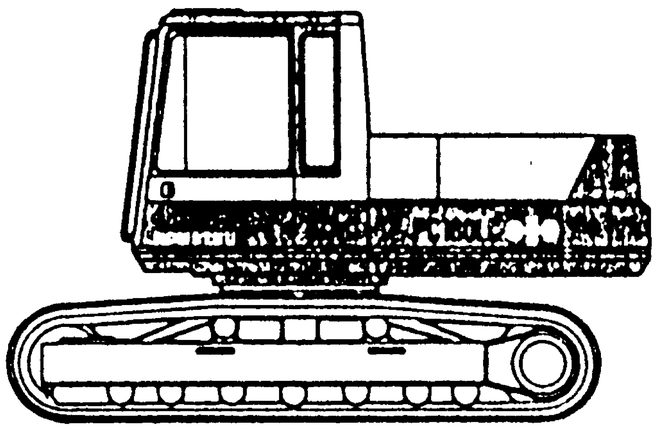
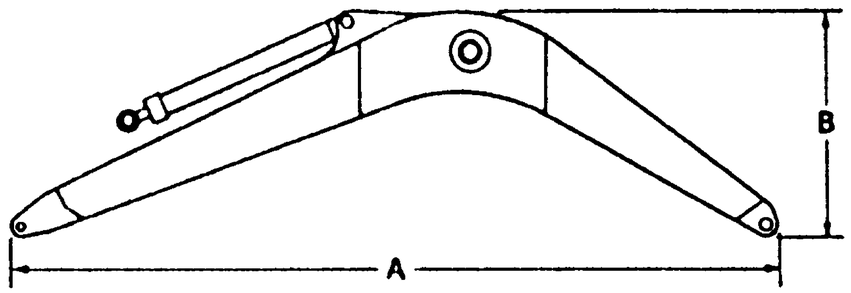
Component Dimensions and Weights

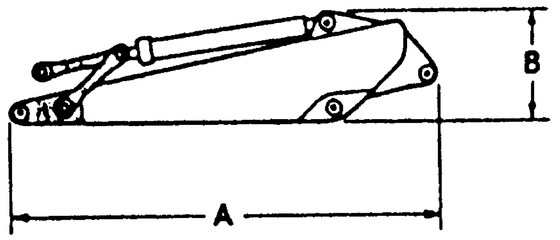
Basic machine



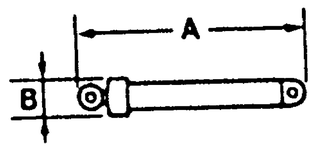
Boom with arm cylinder



Arm with bucket cylinder and linkage



Boom cylinder



Item			Model	PC60-5	PC80-3	PC100-3	PC120-3
Basic machine	Weight	STD	kg(lb)	5180 (11,420)	6680 (14,730)	8740 (19,270)	9570 (21,000)
		L		5680 (12,520)	–	10840 (23,900)	–
		U		5880 (12,960)	–	10780 (23,770)	–
Boom with arm cylinder	A		mm(ft.in)	3750 (12' 4")	4030 (13' 3")	4400 (14' 5")	4740 (15' 7")
	B		mm(ft.in)	1330 (4' 4")	1385 (4' 7")	1290 (4' 3")	1275 (4' 2")
	Weight		kg(lb)	478 (1,050)	567 (1,250)	770 (1,700)	850 (1,870)
Arm with bucket cylinder and linkage	Arm size		m(ft.in)	1.75 (5' 9")	1.96 (6' 5")	2.30 (7' 7")	2.50 (8' 2")
	A		mm(ft.in)	2330 (7' 8")	2570 (8' 5")	3015 (9'11")	2914 (9' 7")
	B		mm(ft.in)	540 (1' 9")	390 (1' 3")	619 (2')	619 (2')
	Weight		kg(lb)	200 (440)	243 (536)	360 (794)	365 (805)
	Arm size		m(ft.in)	2.25 (7' 5")	2.51 (8' 3")	2.80 (9' 2")	3.00 (9'10")
	A		mm(ft.in)	2830 (9' 3")	3115 (10' 3")	3530 (11' 7")	3850 (12' 8")
	B		mm(ft.in)	540 (1' 9")	490 (1' 3")	600 (2')	570 (1'10")
	Weight		kg(lb)	205 (452)	302 (666)	435 (960)	554 (1220)
	Arm size		m(ft.in)	–	–	–	–
	A		mm(ft.in)	–	–	–	–
	B		mm(ft.in)	–	–	–	–
	Weight		kg(lb)	–	–	–	–
	Arm size		m(ft.in)	–	–	–	–
	A		mm(ft.in)	–	–	–	–
	B		mm(ft.in)	–	–	–	–
	Weight		kg(lb)	–	–	–	–
Boom cylinder	A		mm(ft.in)	1575 (5' 2")	1473 (4'10")	1545 (5' 1")	1585 (5' 2")
	B		mm(ft.in)	152 (6")	165 (6.5")	152 (6")	165 (6.5")
	Weight		Weight	90 (198)	105 (232)	93 (205)	109 (240)
Backhoe bucket				See bucket arm combination			

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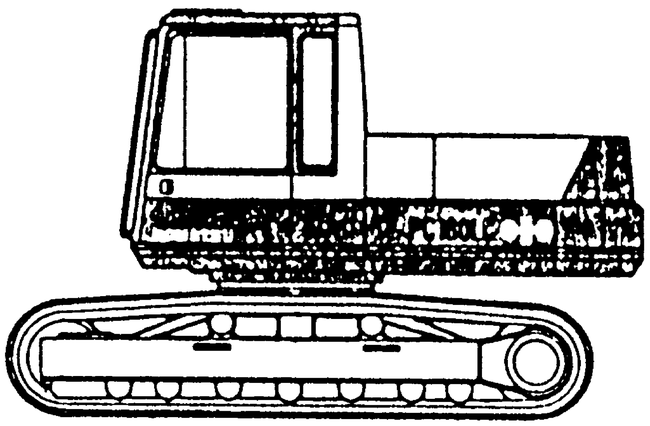
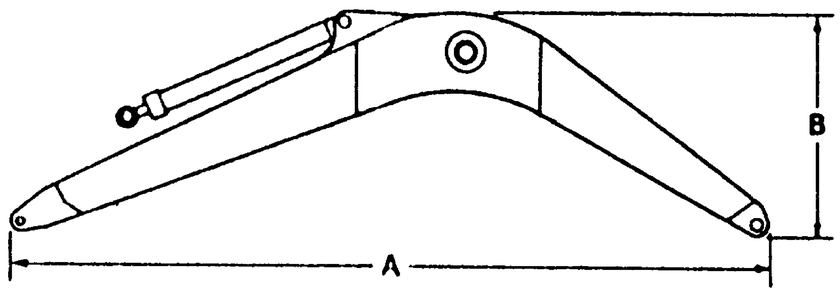
Component Dimensions and Weights

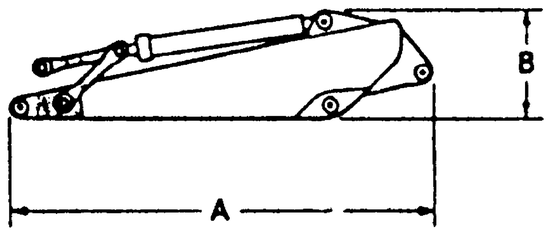
Basic machine



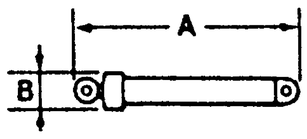
Boom with arm cylinder



Arm with bucket cylinder and linkage



Boom cylinder



Item			Model	PC150-3	PC150HD-3	PC180-3	PC200-3
Basic machine	Weight	STD	kg(lb)	11730 (25,860)	11970 (26,390)	NLC: 13500 (29,770)	14700 (32,410)
		LC		12330 (27,190)	NHD: 11670 (25,730)	13710 (30,230)	15840 (34,920)
		LLC		–	–	14940 (32,940)	–
Boom with arm cylinder	A		mm(ft.in)	5315 (17' 5")	4740 (15' 7")	5315 (17' 5")	5873 (19' 3")
	B		mm(ft.in)	1400 (4' 7")	1395 (4' 7")	1400 (4' 7")	1404 (4' 7")
	Weight		kg(lb)	1440 (3,170)	1000 (2,205)	1440 (3,170)	1492 (3,290)
Arm with bucket cylinder and linkage	Arm size		m(ft.in)	1.85 (6' 1")	2.1 (6'11")	1.85 (6' 1")	1.80 (5'11")
	A		mm(ft.in)	2720 (8'11")	2920 (9' 7")	2720 (8'11")	2785 (9' 2")
	B		mm(ft.in)	690 (2' 3")	620 (2')	690 (2' 3")	870 (2'10")
	Weight		kg(lb)	580 (1,280)	530 (1170)	580 (1,280)	589 (1,300)
	Arm size		m(ft.in)	2.25 (7' 5")	2.5 (8' 2")	2.25 (7' 5")	2.40 (7'10")
	A		mm(ft.in)	3130 (10' 3")	3350 (11')	3130 (10' 3")	3409 (11' 2")
	B		mm(ft.in)	770 (2' 6")	580 (1'11")	770 (2' 6")	793 (2' 7")
	Weight		kg(lb)	730 (1,610)	550 (1,213)	730 (1,610)	659 (1,450)
	Arm size		m(ft.in)	2.61 (8' 7")	–	2.61 (8' 7")	2.93 (9' 7")
	A		mm(ft.in)	3465 (11' 4")	–	3465 (11' 4")	3928 (12'11")
	B		mm(ft.in)	755 (2' 6")	–	755 (2' 6")	717 (2' 4")
	Weight		kg(lb)	760 (1,680)	–	760 (1,680)	722 (1,590)
	Arm size		m(ft.in)	2.90 (9' 6")	–	2.90 (9' 6")	2.93 (9'7") + 1.13 (3'8")
	A		mm(ft.in)	3750 (12' 4")	–	3750 (12' 4")	5058 (16'7")
	B		mm(ft.in)	675 (2' 3")	–	675 (2' 3")	717 (2'4")
	Weight		kg(lb)	810 (1790)	–	810 (1,790)	944 (2,080)
Boom cylinder	A		mm(ft.in)	1785 (5'10")	1585 (5' 2")	1785 (5'10")	1915 (6' 3")
	B		mm(ft.in)	225 (9')	310 (1')	225 (9")	178 (7")
	Weight		Weight	140 (310)	110 (243)	140 (310)	172 (380)
Backhoe bucket				See bucket arm combination			

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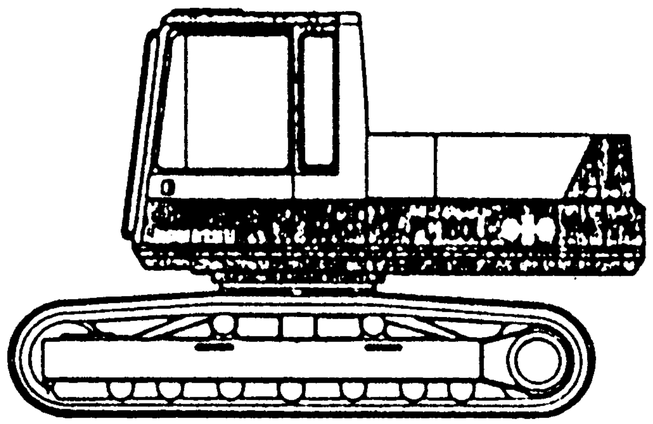
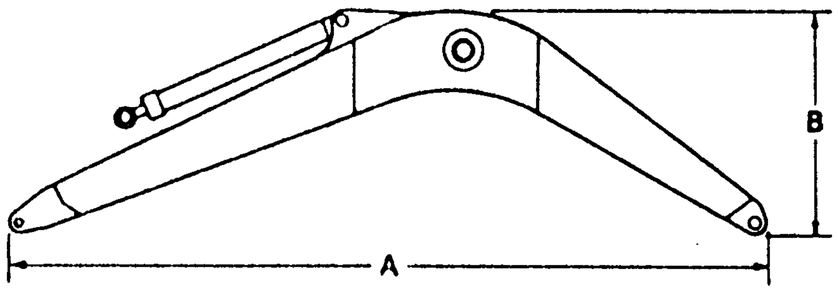
Component Dimensions and Weights

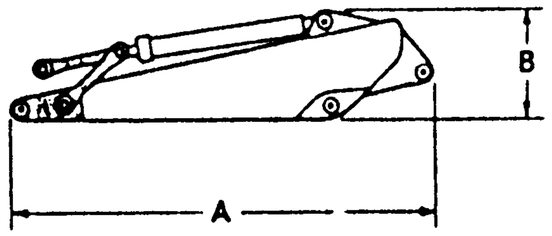
Basic machine



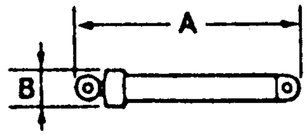
Boom with arm cylinder



Arm with bucket cylinder and linkage



Boom cylinder



Item			Model	PC210-3	PC220-3	PC240-3	PC280-3
Basic machine	Weight	STD	kg(lb)	14360 (33,870)	17930 (39,530)	18680 (41,180)	–
		LC		16790 (37,020)	19060 (42,020)	19810 (43,670)	26800 (59,090)
		NLC		–	–	19010 (41,910)	26300 (57,990)
Boom with arm cylinder	A		mm(ft.in)	5873 (19' 3")	6030 (19' 9")	6030 (19' 9")	6030 (19' 9")
	B		mm(ft.in)	1404 (4' 7")	1515 (5')	1515 (5')	1515 (5')
	Weight		kg(lb)	1492 (3,290)	2040 (4,500)	2040 (4,500)	2040 (4,500)
Arm with bucket cylinder and linkage	Arm size		m(ft.in)	1.80 (5'11")	2.00 (6' 7")	2.00 (6' 7")	2.00 (6' 7")
	A		mm(ft.in)	2785 (9' 2")	3145 (10' 4")	3145 (10' 4")	3145 (10' 4")
	B		mm(ft.in)	870 (2'10")	910 (3')	910 (3')	910 (3')
	Weight		kg(lb)	589 (1,300)	1080 (2,380)	1080 (2,380)	1080 (2,380)
	Arm size		m(ft.in)	2.40 (7'10")	2.50 (8' 2")	2.50 (8' 2")	2.50 (8' 2")
	A		mm(ft.in)	3409 (11' 2")	3610 (11'10")	3610 (11'10")	3610 (11'10")
	B		mm(ft.in)	793 (2' 7")	850 (2' 9")	850 (2' 9")	850 (2' 9")
	Weight		kg(lb)	659 (1,450)	1060 (2,340)	1060 (2,340)	1060 (2,340)
	Arm size		m(ft.in)	2.93 (9' 7")	3.05 (10')	3.05 (10')	3.05 (10')
	A		mm(ft.in)	3928 (12'11")	4120 (13' 6")	4120 (13' 6")	4120 (13' 6")
	B		mm(ft.in)	717 (2' 4")	800 (2' 7")	800 (2' 7")	800 (2' 7")
	Weight		kg(lb)	722 (1,590)	1100 (2,430)	1100 (2,430)	1100 (2,430)
	Arm size		m(ft.in)	2.93 (9'7") + 1.13 (3'8")	3.50 (11' 6")	3.50 (11' 6")	3.50 (11' 6")
	A		mm(ft.in)	5058 (16'7")	4570 (15')	4570 (15')	4570 (15')
	B		mm(ft.in)	717 (2'4")	820 (2' 8")	820 (2' 8")	820 (2' 8")
	Weight		kg(lb)	944 (2,080)	1220 (2,690)	1220 (2,690)	1220 (2,690)
Boom cylinder	A		mm(ft.in)	1915 (6' 3")	1920 (6' 4")	1920 (6' 4")	1920 (6' 4")
	B		mm(ft.in)	178 (7")	280 (11")	280 (11")	280 (11")
	Weight		Weight	172 (380)	190 (420)	190 (420)	190 (420)
Backhoe bucket				See bucket arm combination			

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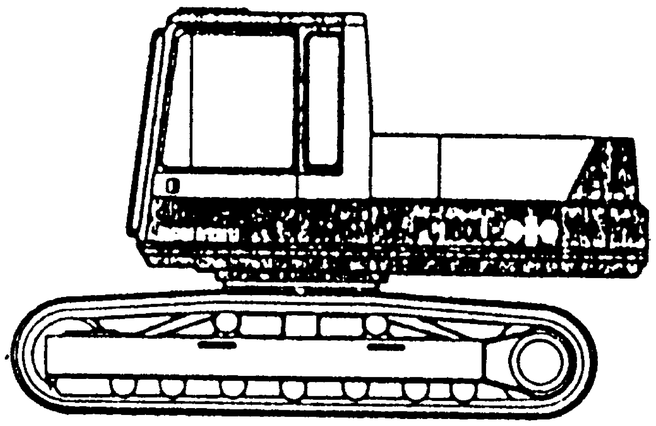
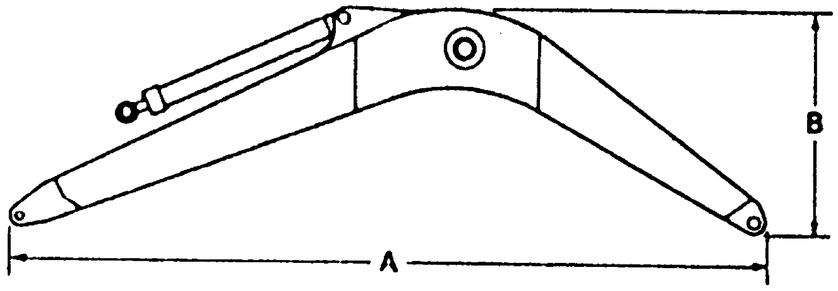
Component Dimensions and Weights

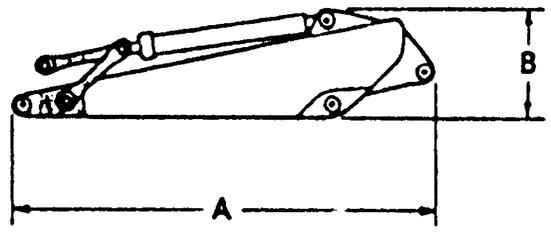
Basic machine



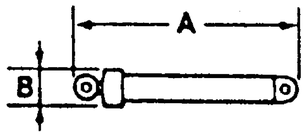
Boom with arm cylinder



Arm with bucket cylinder and linkage



Boom cylinder



Item			Model	PC300-3	PC360-3	PC400-3
Basic machine	Weight	STD	kg(lb)	23200 (51,150)	–	32300 (71,220)
		LC		25000 (55,120)	29900 (65,930)	34300 (75,620)
		NLC		24500 (54,020)	–	–
Boom with arm cylinder	A		mm(ft.in)	6680 (21'11")	6680 (21'11")	7290 (23'11")
	B		mm(ft.in)	1520 (5')	1520 (5')	1610 (5' 3")
	Weight		kg(lb)	2685 (5,920)	2685 (5,920)	3920 (8,640)
Arm with bucket cylinder and linkage	Arm size		m(ft.in)	2.2 (7' 3")	2.2 (7' 3")	2.9 (9' 6")
	A		mm(ft.in)	3355 (11')	3355 (11')	4285 (14' 1")
	B		mm(ft.in)	910 (3')	910 (3')	930 (3' 1")
	Weight		kg(lb)	1350 (2,980)	1350 (2,980)	1510 (3,330)
	Arm size		m(ft.in)	2.55 (8' 4")	2.55 (8' 4")	3.355 (11' 1")
	A		mm(ft.in)	3650 (12')	3650 (12')	4645 (15' 3")
	B		mm(ft.in)	880 (2'11")	880 (2'11")	930 (3' 1")
	Weight		kg(lb)	1405 (3,100)	1405 (3,100)	1570 (3,460)
	Arm size		m(ft.in)	3.13 (10' 3")	3.13 (10' 3")	4.0 (13' 1")
	A		mm(ft.in)	4230 (13'11")	4230 (13'11")	5300 (17' 5")
	B		mm(ft.in)	845 (2' 9")	845 (2' 9")	970 (3' 2")
	Weight		kg(lb)	1500 (3,310)	1500 (3,310)	1830 (4,040)
	Arm size		m(ft.in)	4.02 (13' 2")	4.02 (13' 2")	4.8 (15' 9")
	A		mm(ft.in)	5115 (16' 9")	5115 (16' 9")	6100 (20')
	B		mm(ft.in)	850 (2' 9")	850 (2' 9")	1015 (3' 4")
	Weight		kg(lb)	1765 (3,890)	1765 (3,890)	2040 (4,500)
Boom cylinder	A		mm(ft.in)	2215 (7' 3")	2215 (7' 3")	2380 (7'10")
	B		mm(ft.in)	206 (8')	206 (8')	240 (9")
	Weight		Weight	265 (580)	265 (580)	366 (810)
Backhoe bucket				See bucket arm combination		

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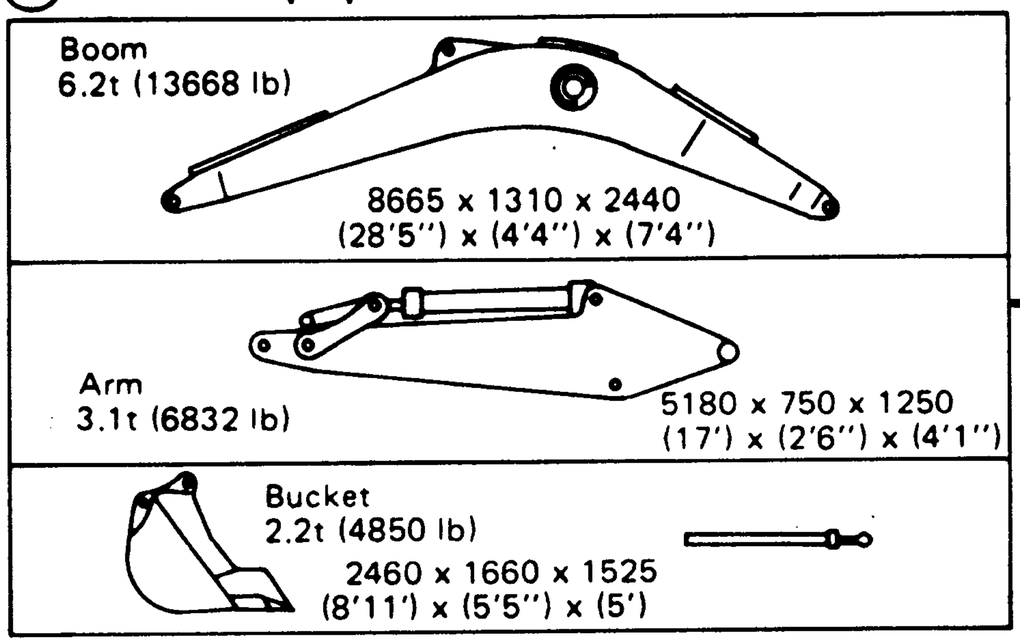
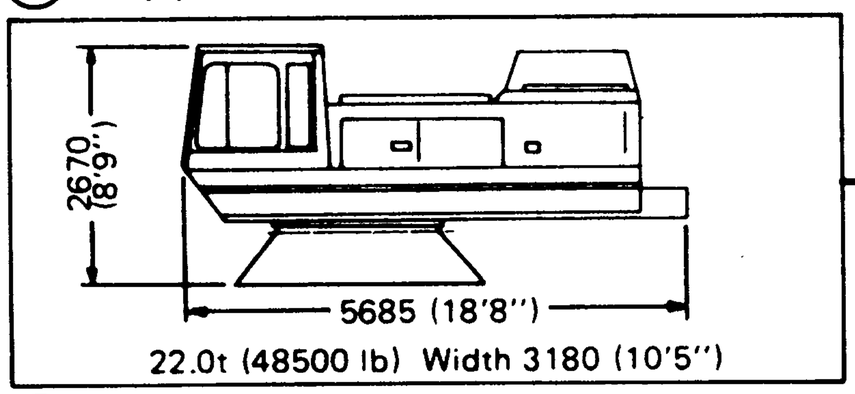
PC650-3

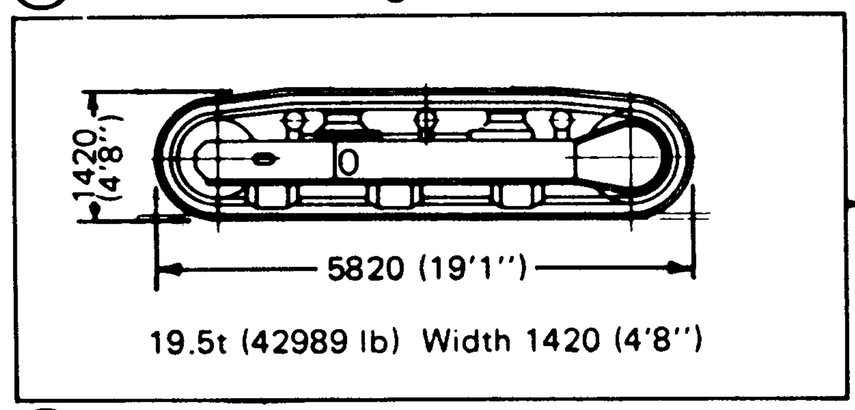
① Work equipment ass'y (B/H) 14.2t (31305 lb)



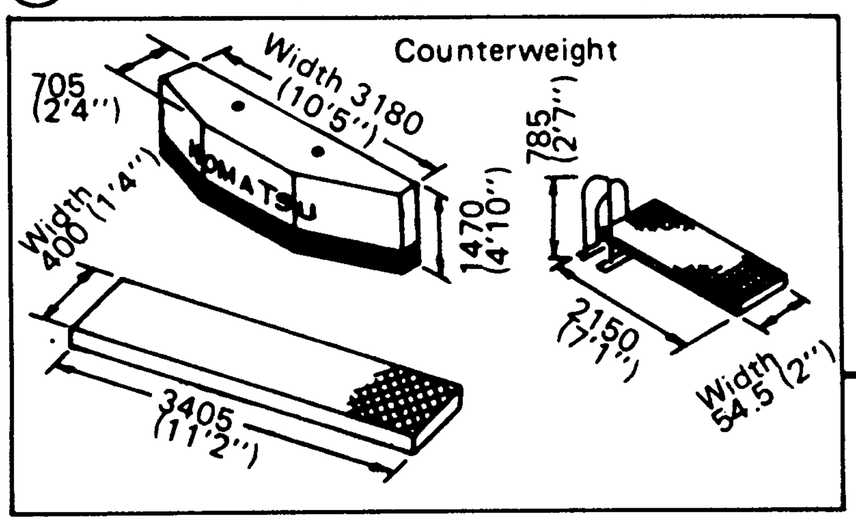
② Upper structure 22.0t (48500 lb)



③ Undercarriage 19.5t (42989 lb)



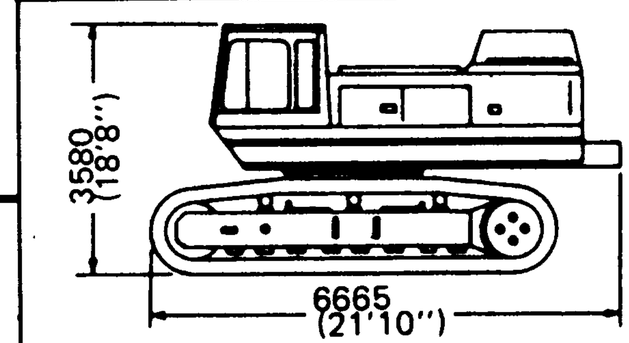
④ Others 9.3t (20503 lb)



■ Three-part structure

① Work equipment ass'y

⑤ Base machine 41.5t (91490 lb)



④ Others

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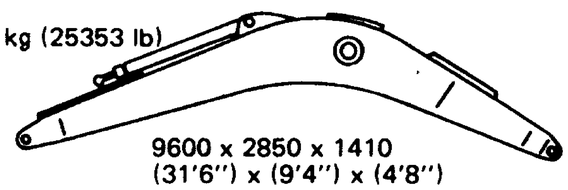
PC1000-1

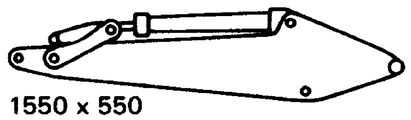
① Work equipment ass'y (Backhoe)
22200 kg (48942 lb)

Boom
11500 kg (25353 lb)



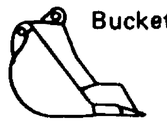
9600 x 2850 x 1410
(31'6") x (9'4") x (4'8")

4800 kg
(10580 lb)



Arm 4900 x 1550 x 550
(16'1") x (5'1") x (1'10")

3.4 m (11'2") arm: 4800 kg (10580 lb)
4.6 m (15'1") arm: 5500 kg (12130 lb)
5.7 m (18'8") arm: 5900 kg (13010 lb)

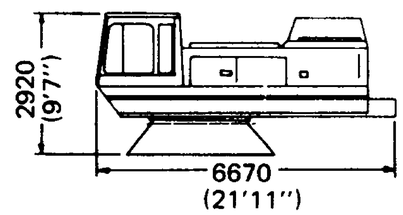


Bucket 4000 kg
(88183 lb)

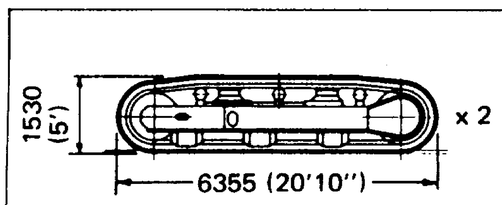
Boom cylinder 1200 kg x 2
(5443 lb x 2)

2,520 x 2,050 x 1,890
(8'3") x (6'9") x (6'2")

② Upper structure
29500 kg (65035 lb)



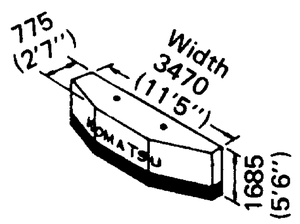
③ Undercarriage
28400 kg (62610 lb)



Width 1655 14200 kg x 2
(31305 lb x 2)

④ Others (Counterweight)
14900 kg (32848 lb)

Counterweight

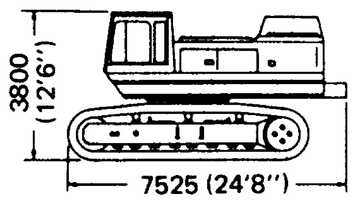


■ Three-part structure

It is possible in some U.S. states to transport in a three-part structure.

① Work equipment ass'y

⑤ Base machine
57900 kg (127646 lb)



Width 4150 (9149 lb)

(When shortening the gauge for transportation)

④ Others

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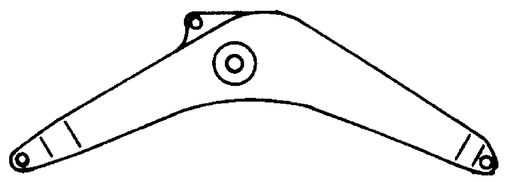
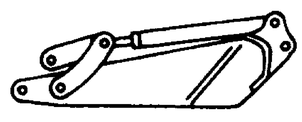
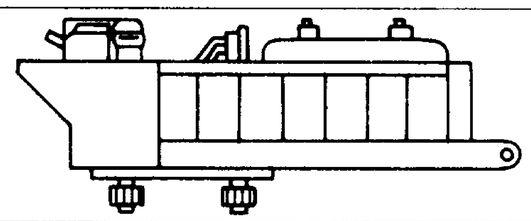
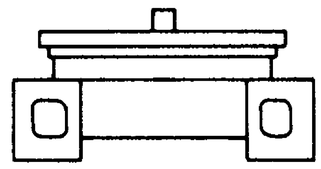
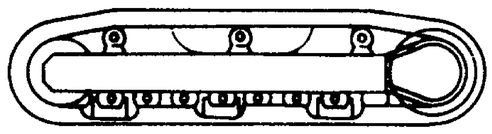
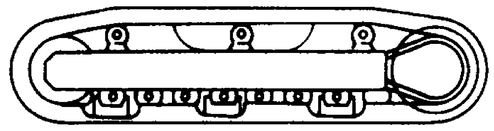
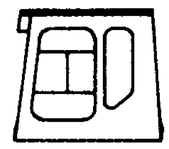
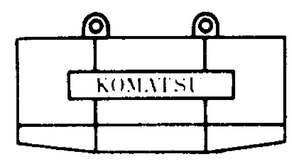
PC1600-1

Unit name \ Dimension	Length mm (ft.in.)	Width mm (ft.in.)	Height mm (ft.in.)	Weight kg (lb)
① Boom 	9500 (31'2")	2050 (6'9")	3500 (11'6")	16700 (36817)
② Arm 	5700 (18'8")	1300 (4'3")	1700 (5'7")	9800 (21605)
③ Bucket	3800 (12'6")	2300 (7'7")	2300 (7'7")	6940 (15300)
④ Upper structure 	8500 (27'11")	3500 (11'6")	3300 (10'10")	34000 (74956)
⑤ Center frame 	3330 (10'11")	3520 (11'7")	2050 (6'9")	15300 (33730)
⑥ Undercarriage 	7340 (24'1")	1930 (6'4")	1890 (6'2")	24200 (53351)
⑦ Undercarriage 	7340 (24'1")	1930 (6'4")	1890 (6'2")	24200 (53351)
⑧ Operator cab 	2100 (6'11")	1600 (5'3")	2080 (6'10")	850 (1874)
⑨ Counterweight 	4910 (16'1")	710 (2'4")	2295 (7'6")	2100 (46296)
⑩ Others	—	—	—	7010 (15454)

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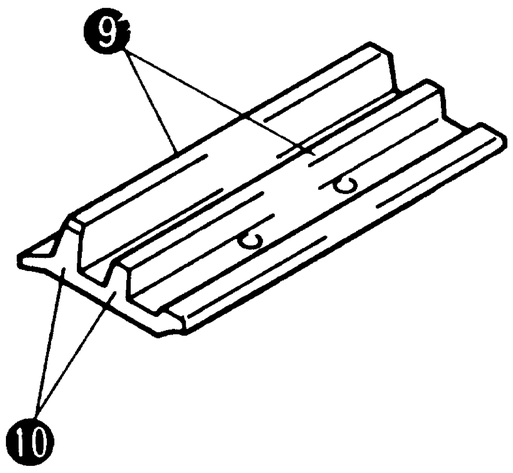
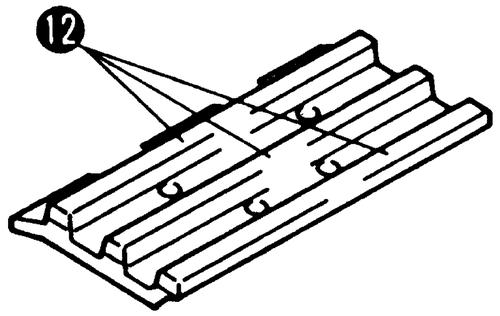
SEMI-DOUBLE GROUSER SHOES

These shoes offer two grousers of different heights (9). The designed heights are in between the single and triple-grouser shoes. As a result, excellent maneuverability, large traction and excellent ground-biting ability are obtained. To prevent shoes from becoming bent, due to heavy loads, grousers with added thickness (10) provide maximum rigidity.



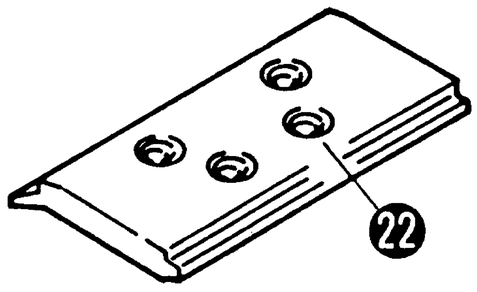
TRIPLE-GROUSER SHOES

On hard-ground surfaces, it is impossible for grousers to penetrate the ground to hold the ground firmly with strong pressure and forward the machine positively, triple-grouser shoes offer three grousers of the same height (12). Machine maneuverability is the results. And besides improving operator comfort, these shoes are less likely to become bent on hard terrain as compared to semi-double-grouser's biting depth.



FLAT SHOE

Flat shoes are used to facilitate transport of the machine on paved roads. Since these shoes have no protruding parts and are plain in design 22, transport of the machine is smooth and will not damage road surfaces. Since no grousers are affixed, these shoes do not bite the ground surface well.

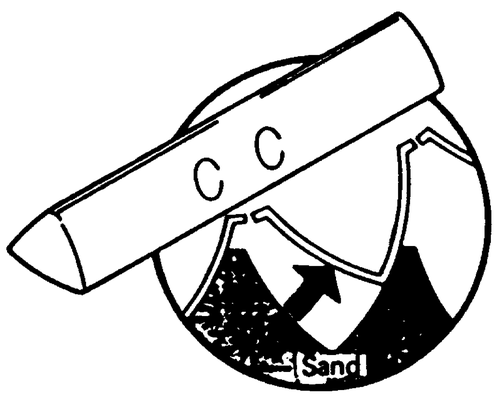


KOMATSU SWAMP SHOES (CIRCULAR ARC SHOES)

Komatsu swamp shoes (circular arc shoes) were developed specifically for use in swampy or muddy terrain, or soft soils.

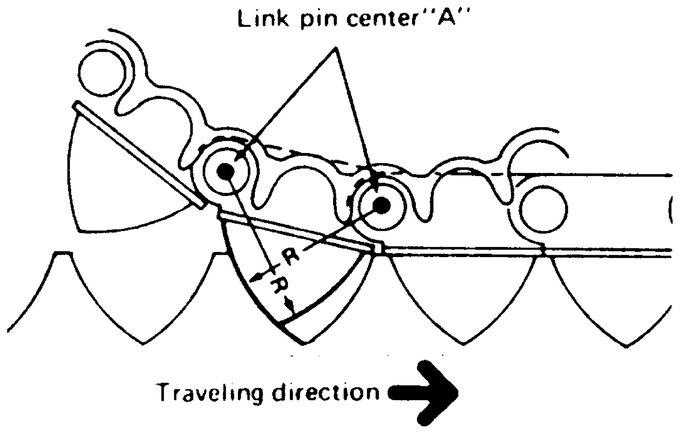
These shoes have the following advantages:

* Less mud sticks to the shoe surface
* Will not damage compacted ground surface



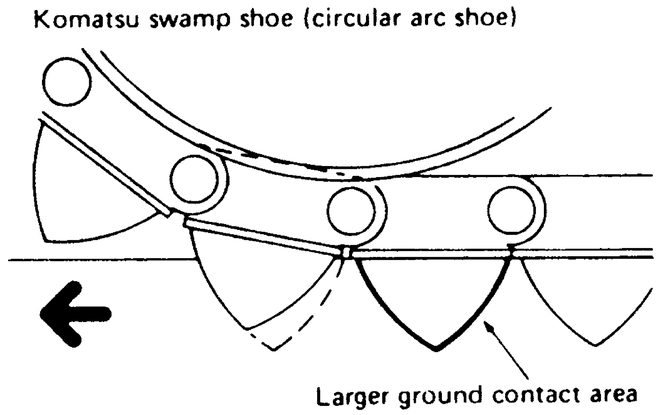
SELF CLEANING EFFECT

Komatsu swamp shoes with increased traction, have solved both problems. As shown in the right figure, the advanced circular arc shoe, moves along the compacted ground surface while maintaining an equal radius from link center "A". As the machine moves forward, tracks left by preceeding shoes, are traced precisely by the shoes that follow. As a result, the walls of compacted ground are neither scraped nor damaged, with minimal mud stickage to shoes.



LARGE TRACTION

The larger the shoe-to-mud coefficient of traction and ground contact area, the greater traction is. On water-soaked and soft soil, coefficient traction is lower as traction is reduced. The reason why Komatsu swamp shoes obtain such large traction is due to their larger ground contact area and unique shoe shape which do not damage compacted ground surfaces.



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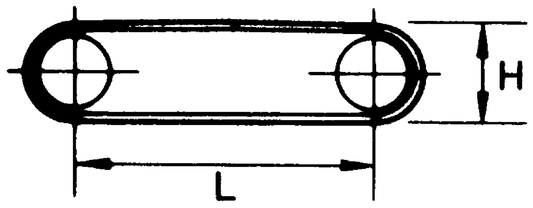
Definition

Ground pressure = machine operating weight/total ground contact area

where; total ground contact area = (L + 0.35H) x shoe width x 2



H = Track height

L = Distance between centers of sprocket and front idler

	Shoe type	Shoe width mm(in)	Ground contact area cm^2(sq.in)	Ground pressure kg/cm^2(PSI)	Change in operating weight kg(lb)	Boom Arm Bucket
PC05-5	Double-grouser	*230 (9.1")	5270 (817)	0.21 (3.0)	–	: 1.53m (5') : 0.88m (2'11") : 0.06m^3 (0.08cu.yd)
PC10-5	Double-grouser	*250 (9.8")	7390 (1145)	0.29 (4.1)	±0	: 2.085 (6'10")
		300 (11.8")	8870 (1375)	0.24 (3.4)	+25 (55)	: 1.15m (3' 9")
	Swamp	300 (11.8")	8870 (1375)	0.25 (3.6)	+75 (165)	: 0.10m^3 (0.13cu.yd)
PC20-5	Double-grouser	*300 (11.8")	10480 (1624)	0.26 (3.7)	±0	: 2.42m (7'11")
		400 (15.7")	13850 (2147)	0.23 (3.27)	+ 100 (220)	: 1.365m (4' 6")
	Swamp	400 (15.7")	13820 (2142)	0.23 (3.27)	+ 100 (220)	: 0.15m^3 (0.20cu.yd)
PC30-5	Double-grouser	*300 (11.8")	10480 (1624)	0.30 (4.3)	±0	: 2.42m (7'11")
		400 (15.7")	13850 (2147)	0.23 (3.27)	+ 100 (220)	: 1.365m (4' 6")
	Swamp	400 (15.7")	13820 (2142)	0.23 (3.27)	+ 100 (220)	: 0.15m^3 (0.20cu.yd)
PC40-5	Triple-grouser	*400 (15.7")	16490 (2556)	0.24 (3.4)	±0	: 2.65m (8' 8")
		480 (18.9")	19790 (3067)	0.20 (2.84)	+ 72 (159)	: 1.43m (4' 8")
		550 (21.7")	22670 (3514)	0.18 (2.56)	+ 135 (298)	: 0.22m^3 (0.29cu.yd)
	Swamp	550 (21.7")	22825 (3538)	0.17 (2.41)	+ 11 (24)	
PC60-5	Triple-grouser	*450 (17.7")	20290 (3145)	0.31 (4.41)	±0	: 3.62m (11'11")
		610 (24")	27500 (4263)	0.24 (3.41)	+ 190 (419)	: 1.75m (5' 9")
	Swamp	510 (20.1")	22990 (3563)	0.28 (3.98)	+ 20 (44)	: 0.28m^3 (0.37cu.yd)
		700 (27.6")	31560 (4892)	0.20 (2.84)	+ 53 (117)	

* Standard shoe

NOTE: The shoe for the long-track excavator (L and LC), wide shoe (excluding the narrowest shoe for a model) and swamp shoe are provided with low ground pressure. These shoes should be used on soft and swampy terrain where the standard excavator with standard shoe is not usable due to sinkage of the tracks. If such shoes are used in swampy fields with stones, stumps and roots, bending of the shoe plates, cracks in the links, breakage of pins loosening of shoe bolts and other damage may result. Therefore, the job site must be studied carefully, to provide the customer with correct instructions and advice.

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Ground Pressure

EXCAVATORS BACKHOE

	Shoe type	Shoe width mm(in)	Ground contact area cm^2(sq.in)	Ground pressure kg/cm^2(PSI)	Change in operating weight kg(lb)	Boom Arm Bucket
PC60L-5	Triple-grouser	*610 (24")	30800 (4774)	0.22 (3.13)	±0	: 3.62m (11'11")
		710 (28")	35850 (5557)	0.19 (2.7)	+270 (595)	: 1.75m (5' 9")
	Swamp	510 (20.1")	25750 (3991)	0.26 (3.7)	−200 (441)	: 0.28m^3 (0.37cu.yd)
		700 (27.6")	35340 (5478)	0.19 (2.7)	−60 (132)	
PC60U-5	Triple-grouser	*450 (17.7")	20290 (3145)	0.35 (5.0)	±0	:3.03m (9'11")
	Swamp	510 (20.1")	22990 (3563)	0.31 (4.41)	−30 (66)	: 1.75m (5' 9")
						: 0.28m^3 (0.37cu.yd)
PC80-3	Triple-grouser	*480 (18.9")	24600 (3813)	0.33 (4.69)	±0	:3.9m (12'10")
		610 (24")	31270 (4847)	0.26 (3.70)	+180 (397)	: 1.96m (6' 5")
		710 (28")	36390 (5640)	0.23 (3.27)	+340 (750)	: 0.36m^3 (0.47cu.yd)
	Swamp	600 (24")	30760 (4768)	0.26 (3.70)	+10 (22)	
		760 (30")	38960 (6039)	0.21 (2.99)	+260 (573)	
PC100-3	Triple-grouser	*510 (20.1")	28160 (4365)	0.38 (5.4)	±0	: 4.26m (14')
		610 (24")	34400 (5332)	0.32 (4.55)	+210 (463)	: 2.3m (7' 7")
		710 (28")	40000 (6200)	0.28 (3.98)	+400 (882)	: 0.44m^3 (0.58cu.yd)
	Swamp	600 (24")	33800 (5239)	0.31 (4.41)	−120 (265)	
		760 (30")	42900 (6650)	0.25 (3.56)	+170 (375)	
PC100L-3	Triple-grouser	*760 (30")	47410 (7349)	0.27 (3.84)	±0	: 4.26m (14')
	Swamp	800 (31")	50400 (7812)	0.25 (3.56)	−350 (772)	: 2.3m (7' 7")
		960 (38")	60500 (9378)	0.21 (2.99)	−250 (551)	: 0.44m^3 (0.58cu.yd)
PC100U-3	Triple-grouser	*510 (20.1")	30500 (4728)	0.40 (5.69)	±0	: 3.95m (13')
		610 (24")	36530 (5662)	0.34 (4.84)	+220 (485)	: 2.3m (7' 7")
						: 0.44m^3 (0.58cu.yd)
PC120-3	Triple-grouser	*510 (20.1")	30260 (4690)	0.38 (5.4)	±0	: 4.6m (15' 1")
		610 (24")	36200 (5611)	0.33 (4.69)	+220 (485)	: 2.5m (8' 2")
		710 (28")	42200 (6541)	0.28 (3.98)	+420 (926)	: 0.50m^3 (0.65cu.yd)
	Swamp	600 (24")	35600 (5518)	0.32 (4.55)	−120 (265)	

NOTE: The shoe for the long-track excavator (L and LC), wide shoe (excluding the narrowest shoe for a model) and swamp shoe are provided with low ground pressure. These shoes should be used on soft and swampy terrain where the standard excavator with standard shoe is not usable due to sinkage of the tracks. If such shoes are used in swampy fields with stones, stumps and roots, bending of the shoe plates, cracks in the links, breakage of pins loosening of shoe bolts and other damage may result. Therefore, the job site must be studied carefully, to provide the customer with correct instructions and advice.

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	Shoe type	Shoe width mm(in)	Ground contact area cm^2(sq.in)	Ground pressure kg/cm^2(PSI)	Change in operating weight kg(lb)	Boom Arm Bucket
PC150-3	Triple-grouser	460 (18")	28620 (4436)	0.51 (7.25)	−115 (254)	: 5.15m (16'11") : 2.61m (8' 7") : 0.63m^3 (0.82cu.yd)
		*510 (20")	31730 (4918)	0.46 (6.54)	±0	
		610 (24")	37950 (5882)	0.39 (5.55)	+240 (529)	
		710 (28")	44180 (6848)	0.34 (4.84)	+470 (1036)	
		810 (32")	50400 (7812)	0.30 (4.27)	+710 (1566)	
	Swamp	720 (28")	44800 (6944)	0.33 (4.69)	+40 (88)	
PC150LC-3	Triple-grouser	460 (18")	30900 (4790)	0.49 (6.96)	−120 (265)	: 5.15m (16'11") : 2.61m (8' 7") : 0.63m^3 (0.82cu.yd)
		*510 (20")	34260 (5310)	0.45 (6.4)	±0	
		610 (24")	40980 (6352)	0.38 (5.40)	+250 (551)	
		710 (28")	47700 (7394)	0.33 (4.69)	+500 (1103)	
		810 (32")	54420 (8435)	0.30 (4.27)	+740 (1632)	
	Swamp	720 (28")	48370 (7497)	0.32 (4.55)	+50 (110)	
PC150HD-3	Triple-grouser	*610 (24")	43500 (6743)	0.33 (4.69)	±0	: 4.6m (15' 1") : 2.1m (6'11") : 0.60m^3 (0.78cu.yd)
		710 (28")	50630 (7848)	0.28 (3.98)	+150 (331)	
		810 (32")	57760 (8953)	0.25 (3.56)	+530 (1169)	
		910 (36")	64890 (10058)	0.23 (3.27)	+800 (1764)	
PC150NHD-3	Triple-grouser	*560 (22")	39940 (6191)	0.36 (5.12)	±0	: 4.6m (15' 1") : 2.1m (6'11") : 0.60m^3 (0.78cu.yd)
		610 (24")	43500 (6743)	0.32 (4.55)	+130 (287)	
		710 (28")	50630 (7848)	0.28 (3.98)	+400 (1544)	
		810 (36")	57760 (8953)	0.25 (3.56)	+660 (1455)	
PC180LC-3	Triple-grouser	*610 (24")	43560 (6752)	0.38 (5.40)	±0	: 5.15m (16'11") : 2.25m (7' 5") : 0.80m^3 (1.05cu.yd)
		710 (28")	50700 (7859)	0.34 (4.83)	+250 (551)	
		810 (32")	57850 (8967)	0.30 (4.27)	+510 (1125)	
		910 (36")	64990 (10073)	0.27 (3.84)	+760 (1676)	

NOTE: The shoe for the long-track excavator (L and LC), wide shoe (excluding the narrowest shoe for a model) and swamp shoe are provided with low ground pressure. These shoes should be used on soft and swampy terrain where the standard excavator with standard shoe is not usable due to sinkage of the tracks. If such shoes are used in swampy fields with stones, stumps and roots, bending of the shoe plates, cracks in the links, breakage of pins loosening of shoe bolts and other damage may result. Therefore, the job site must be studied carefully, to provide the customer with correct instructions and advice.

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	Shoe type	Shoe width mm(in)	Ground contact area cm^2(s q.in)	Ground pressure kg/cm^2(PSI)	Change in operating weight kg(lb)	Boom Arm Bucket
PC180LLC-3	Triple-grouser	*610 (24")	48200 (7471)	0.36 (5.12)	±0	: 5.15m (16'11") : 2.25m (7' 5") : 0.80m^3 (1.05cu.yd)
		710 (28")	56100 (5696)	0.32 (4.55)	+ 290 (639)	
		810 (32")	64000 (9920)	0.28 (3.98)	+ 580 (1279)	
		910 (36')	71910 (11145)	0.26 (3.70)	+ 870 (1918)	
PC180NLC-3	Triple-grouser	*560 (22")	39950 (6192)	0.41 (5.83)	±0	: 5.15m (16'11") : 2.25m (7' 5") : 0.80m^3 (1.05cu.yd)
		610 (24")	43500 (6743)	0.38 (5.40)	+ 130 (287)	
		710 (28")	50630 (7848)	0.33 (4.70)	+ 400 (882)	
		810 (32")	57760 (10058)	0.29 (4.12)	+ 660 (1455)	
PC200-3	Triple-grouser	*610 (24")	43560 (6752)	0.42 (5.97)	±0	: 5.7m (18' 8") : 2.925m (9' 7") : 0.80m^3 (1.05cu.yd)
		710 (28")	50700 (7859)	0.36 (5.12)	+ 280 (617)	
		810 (32")	57850 (8967)	0.32 (4.55)	+ 560 (1235)	
		910 (36")	64990 (10073)	0.29 (4.12)	+ 1150 (2536)	
	semi-double grouser	710 (28")	50630 (7848)	0.36 (5.12)	+ 420 (926)	
	Swamp	860 (34")	61330 (9661)	0.30 (4.27)	+ 440 (970)	
PC200LC-3	Triple-grouser	610 (24")	48200 (7471)	0.39 (5.55)	− 290 (639)	:5.7m (18' 8") : 2.925m (9' 7") : 0.80m^3 (1.05cu.yd)
		*710 (28")	56100 (5696)	0.34 (4.83)	±0	
		810 (32")	64000 (9920)	0.30 (4.27)	+ 290 (639)	
		910 (36")	71910 (11145)	0.28 (3.98)	+ 580 (1279)	
PC210-3	Triple-grouser	*610 (24")	43500 (6743)	0.43 (6.11)	±0	: 5.7m (18' 8") :2.4m (7' 9") : 1.0m^3 (1.29cu.yd)
		710 (28")	50630 (7848)	0.37 (5.26)	+ 280 (617)	
		810 (32")	57760 (8953)	0.33 (4.69)	+ 560 (1235)	
		910 (36")	64890 (10058)	0.31 (4.41)	+ 1150 (2536)	
PC210LC-3	Triple-grouser	610 (24")	48200 (7471)	0.40 (5.69)	− 290 (639)	: 5.7m (18' 8") : 2.4m (7' 9") : 1.0m^3 (1.05cu.yd)
		*710 (28")	56100 (5696)	0.35 (4.98)	±0	
		810 (32")	64000 (9920)	0.31 (4.41)	+ 290 (639)	
		910 (36")	71910 (11145)	0.28 (3.98)	+ 580 (1279)	

NOTE: The shoe for the long-track excavator (L and LC), wide shoe (excluding the narrowest shoe for a model) and swamp shoe are provided with low ground pressure. These shoes should be used on soft and swampy terrain where the standard excavator with standard shoe is not usable due to sinkage of the tracks. If such shoes are used in swampy fields with stones, stumps and roots, bending of the shoe plates, cracks in the links, breakage of pins loosening of shoe bolts and other damage may result. Therefore, the job site must be studied carefully, to provide the customer with correct instructions and advice.

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Ground Pressure

EXCAVATORS BACKHOE

	Shoe type	Shoe width mm(in)	Ground contact area cm^2(sq.in)	Ground pressure kg/cm^2(PSI)	Change in operating weight kg(lb)	Boom Arm Bucket
PC220-3	Triple-grouser	*610 (24")	45820 (7102)	0.48(6.83)	±0	: 5.85m (19' 2")
		710 (28")	53330 (8266)	0.42(5.97)	+300 (662)	: 3.045m (10')
		810 (32")	60850 (9432)	0.37(5.26)	+630 (1389)	: 1.0m^3 (1.13cu.yd)
PC220LC-3	Triple-grouser	610 (24")	50460 (7821)	0.45(6.40)	−300 (662)	: 5.85m (19' 2")
		*710 (28")	58730 (9103)	0.39(5.55)	±0	: 3.045m (10')
		810 (32")	67000 (10385)	0.35(4.98)	+300 (662)	: 1.0m^3 (1.13cu.yd)
PC240-3	Triple-grouser	*610 (24")	45820 (7102)	0.50(7.1)	±0	: 5.85m (19' 2")
		710 (28")	53330 (8266)	0.44(6.3)	+300 (662)	: 2.5m (8' 2")
		810 (32")	60850 (9432)	0.43(6.1)	+630 (1389)	: 1.14m^3 (1.49cu.yd)
PC240LC-3	Triple-grouser	610 (24")	50460 (7821)	0.47(6.7)	−300 (662)	: 5.85m (19' 2")
		*710 (28")	58730 (9103)	0.41(5.8)	±0	: 2.5m (8' 2")
		810 (32")	67000 (10385)	0 40(5.7)	+300 (662)	: 1.14m^3 (1.49cu.yd)
PC240 NLC-3	Triple-grouser	*610 (24")	43810 (6791)	0.48(6.8)	±0	: 5.85m (19' 2")
		710 (28")	50990 (7903)	0.42(6.0)	+290 (639)	: 2.5m (8' 2")
		810 (32")	58170 (9016)	0.41(5.8)	+580 (1279)	: 1.14m^3 (1.49cu.yd)
PC280LC-3	Triple-grouser	610 (24")	53420 (8280)	0.49(6.97)	−400 (882)	: 5.85m (19' 2")
		*710 (28")	62180 (9638)	0.43(6.11)	±0	: 2.5m (8' 2")
		760 (30")	66550 (10315)	0.40(5.69)	+200 (441)	: 1.26m^3 (1.65cu.yd)
		810 (32")	70930 (10994)	0.38(5.40)	+400 (882)	
		860 (34")	75310 (11673)	0.36(5.12)	+600 (1323)	
PC280 NLC-3	Triple-grouser	*610 (24")	53420 (8280)	0.49(6.97)	±0	: 5.85m (19' 2")
		710 (28")	62180 (9638)	0.43(6.11)	+400 (882)	: 2.5m (8' 2")
		760 (30")	66550 (10315)	0.40(5.69)	+600 (1323)	: 1.26m^3 (1.65cu.yd)
		810 (32")	70930 (10994)	0.38(5.40)	+800 (1764)	
		860 (32")	75310 (11673)	0.36(5.12)	+1000 (2205)	
PC300-3	Triple-grouser	510 (20")	40580 (6290)	0.71(10.1)	−360 (794)	: 6.47m (21' 3")
		*610 (24")	48540 (7524)	0.60(8.5)	±0	: 3.13m (10' 3")
		760 (30")	60470 (9373)	0.49(6.97)	+560 (1235)	: 1.32m^3 (1.73cu.yd)
		810 (32")	64450 (9990)	0.46(6.54)	+720 (1588)	
		860 (34")	68430 (10607)	0.44(6.26)	+900 (1985)	

NOTE: The shoe for the long-track excavator (L and LC), wide shoe (excluding the narrowest shoe for a model) and swamp shoe are provided with low ground pressure. These shoes should be used on soft and swampy terrain where the standard excavator with standard shoe is not usable due to sinkage of the tracks. If such shoes are used in swampy fields with stones, stumps and roots, bending of the shoe plates, cracks in the links, breakage of pins loosening of shoe bolts and other damage may result. Therefore, the job site must be studied carefully, to provide the customer with correct instructions and advice.

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	Shoe type	Shoe width mm(in)	Ground contact area cm^2(sq.in)	Ground pressure kg/cm^2(PSI)	Change in operating weight kg(lb)	Boom Arm Bucket
PC300LC-3	Triple-grouser	610 (24")	53420 (8280)	0.57(8.11)	−400 (882)	: 6.47m (21' 3")
		*710 (28")	62180 (9638)	0.50(7.11)	±0	: 3.13m (10' 3")
		760 (30")	66550 (10315)	0.47(6.68)	+200 (441)	: 1.32m^3 (1.73cu.yd)
		810 (32")	70930 (10994)	0.44(6.26)	+400 (882)	
		860 (34")	75310 (11673)	0.42(5.97)	+600 (1323)	
PC300NLC -3	Triple-grouser	610 (24")	53420 (8280)	0.56(7.97)	−	: 6.47m (21' 3")
						: 3.13m (10' 3")
						: 1.32m^3 (1.73cu.yd)
PC360LC-3	Triple-grouser	610 (24")	58830 (9119)	0.60(8.53)	−500 (1103)	
		*710 (28")	68470 (10613)	0.52(7.39)	±0	: 6.47m (21' 3")
		760 (30")	73300 (11632)	0.49(6.97)	+250 (551)	: 3.13m (10' 3")
		810 (32")	78120 (12109)	0.46(6.54)	+500 (1103)	: 1.70m^3 (2.22cu.yd)
		910 (36")	87760 (13603)	0.42(5.97)	+1000 (2205)	
PC400-3	Triple-grouser	*610 (24")	53580 (8305)	0.75(10.7)	±0	: 7.06m (23' 2")
		760 (30")	66760 (10348)	0.61(8.68)	+690 (1521)	: 3.355m (11')
		810 (32")	71150 (11028)	0.58(8.25)	+920 (2029)	: 1.8m^3 (2.4cu.yd)
		910 (36")	79930 (12389)	0.52(7.40)	+1380 (3043)	
PC400LC-3	Triple-grouser	610 (24")	58830 (9119)	0.71(10.0)	−500 (1103)	: 7.06m (23' 2")
		*710 (28")	68470 (10613)	0.61(8.7)	±0	: 3.355m (11')
		760 (30")	73300 (11362)	0.58(8.25)	+250 (551)	: 1.8m^3 (2.4cu.yd)
		810 (32")	78120 (12109)	0.54(7.68)	+500 (1103)	
		910 (36")	87760 (13603)	0.49(6.97)	+1000 (2205)	
PC650-3	Double-grouser	*610 (24")	61320 (9505)	1.06(15.1)	±0	: 8.4m (27' 7")
		810 (32")	81330 (12606)	0.83(11.81)	+2500 (5513)	: 3.6m (11'10")
		910 (36")	90770 (14069)	0.75(10.67)	+3080 (6791)	: 2.8m^3 (3.66cu.yd)
		1020 (40")	101430 (15722)	0.68(9.67)	+3970 (8754)	
PC1000-1	Double-grouser	*710 (28")	78100 (12106)	1.23(17.5)	±0	: 9.25m (30' 4")
		910 (36")	100100 (15516)	0.97(13.8)	+2240 (4940)	: 4.6m (15' 1")
		1010 (40")	111100 (17221)	0.88(12.5)	+3060 (6747)	: 4.3m^3 (5.6cu.yd)
PC1600-1	Double-grouser	*810 (32")	93640 (14514)	1.55(22.0)	±0	: 9.1m (29'10")
		1010 (40")	116760 (18098)	1.41(20.0)	+4120 (9085)	: 4.08m (13' 5")
						: 8.5m^3 (11.1cu.yd)

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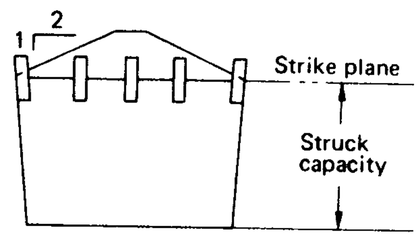
1) BUCKET CAPACITY RATING

Bucket capacity is measured in terms of either struck or heaped capacity. Generally, the heaped capacity description is more frequently used.
Komatsu Ltd. rates the excavator bucket based on JIS (basically equal to CECE) and other Standards (such as PCSA and SRE).

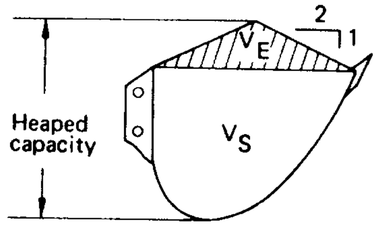
1-1) Struck Capacity

The struck capacity is the volume capacity of the bucket after it has been struck at the strike plane. The strike plane passes through the top back edge of the bucket and the cutting edge. (See the below right figure.)



1-2) Heaped Capacity

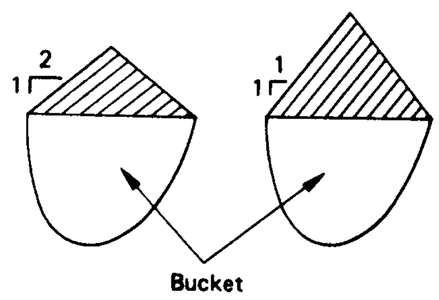
The heaped capacity is the sum of the struck capacity plus the volume of material heaped on the bucket at a 1:2 angle of repose, as shown in the above left figure. This in no way implies that the hoe must carry the bucket oriented in this attitude, or that all material will naturally have a 1:2 angle of repose.



$V h = V s + V e$ Where:

- V s: struck capacity
- V h: heaped capacity
- V e: excess material heaped at 1:2 angle of repose

There are various standards for designating the heaped capacity of the bucket. The principal difference among these difinitions is the "angle of repose", as listed in the table below.



The angle of repose

Standard / Bucket type	JIS	PCSA	SAE	CECE
Hoe bucket	1:2	1:1	1:1	1:2
Loading shovel	1:2	1:2	1:2	1:2

Notes:
JIS. . . . . .Japanese Industrial Standard–JIS A8401 – 1976
PCSA. . . . Power Crane and Shovel Association (USA) – PCSA No. 37–26
SAE. . . . Society of Automotive Engineers (USR) – SAE J296/J742b
CECE. . . Community of European Construction Equipment – CECE SECTION VI

2) BUCKET SELECTION BASED ON DIGGING FORCE

Komatsu offers various kinds of buckets so that our users are able to select the optimum bucket for the type of soil and work to be performed, so that work can be accomplished most efficiently.
In this paragraph, a guide selecting the optimum bucket is explained in relation to digging force.

2-1) BUCKET WIDTH & TIP RADIUS

Optimum combination of the bucket digging force and arm crowd force increase the digging force per unit length of the bucket cutting edge.
In other words, the digging force per unit of cutting edge length can be maximized by selecting the optimum bucket specifications.
Selection of the most appropriate bucket will result in economical handling of hard soil before blasting or ripping is required.

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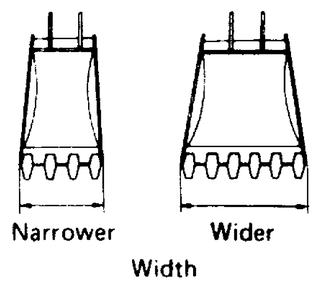
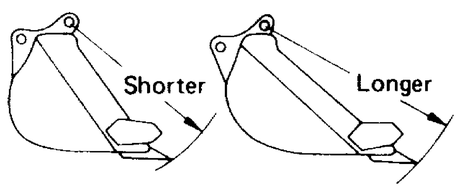
When studying buckets, there are two important factors to consider; the bucket width and bucket tip radius.

Generally speaking, a wide bucket is recommended for excavating soil that can be broken easily. A narrow bucket is better suited for work on hard soil.

The tip radius also affects the digging force of the bucket. If the bucket cylinder is provided with the same pushing force, the bucket with the shorter tip radius is better able to dig hard soil than the bucket with the longer tip radius.

As you can understand from the above description, work on harder soil must be accomplished using a bucket having a narrower bucket width and a shorter tip radius.



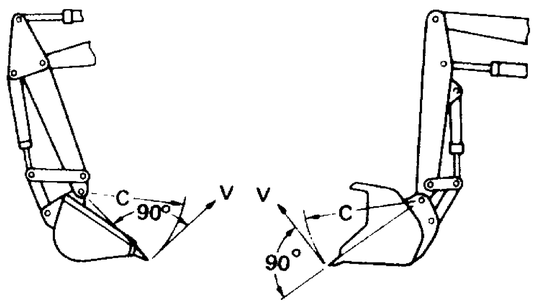


2-2) BUCKET DIGGING FORCE AND ARM CROWD FORCE

Rated digging forces are the forces that can be exerted at the outermost cutting point. These forces are calculated by applying working relief hydraulic pressure to the cylinder(s) providing the digging force. The weight of components and friction are to be excluded from these force calculations.

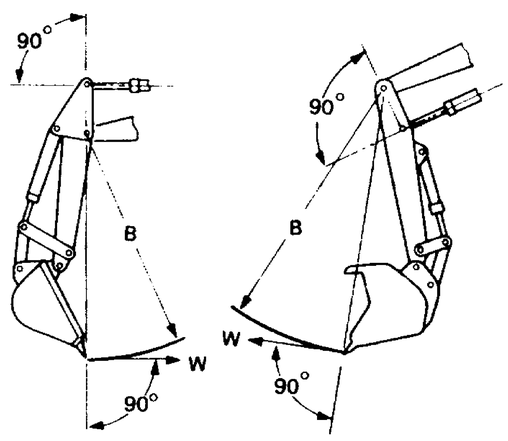
(1) Bucket Digging Force

The rated bucket digging force (V, in the figure below) is the force generated by the bucket cylinder(s) and the tangent to the arc of the radius (C). The bucket should be positioned to obtain the maximum output moment from the bucket cylinder(s) and connecting linkage.



(2) Arm Crowd Force

The rated arm force (W, in the figure below) is the rated digging force generated by the arm cylinder(s) and the tangent to the arc of the radius (B). The arm should be positioned to obtain the maximum output moment from the arm cylinder and the bucket, positioned as mentioned above.



(3) WORKING WEIGHT = BUCKET & PAYLOAD

The working weight is calculated by adding the bucket weight and the payload. This working weight must be smaller than the lifting capacity determined by the machine's stability and hydraulic force, when selecting the proper bucket.
Refer to the following formula when making this selection.

WORKING WEIGHT =
heaped bucket capacity (kg or lb)
(X) bucket fill factor
(X) density (kg/m^3 or lb/cu.yd)
(+) bucket weight (kg or lb)

If the bucket exceeds the above range, it will cause excessive operating inertia. This not only results in prolonged cycle time but also affects operating safety and service life of the machine.

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These charts are based on over-side stability with fully loaded bucket at maximum reach.

○Material weight up to 1.8t/m³(3000 lb/cu. yd)

□Material weight up to 1.5t/m³(2500 lb/cu. yd)

△Material weight up to 1.2t/m³(2000 lb/cu. yd)

× Not usable.

Bucket capacity(heaped)		Width		*Weight kg(lb)	Arm length m(ft.in)	
SAE, PCSA m³(cu.yd)	CECE m³(cu.yd)	Without Side-cutters mm(in)	With Side-cutters mm(in)			
PC05-5					0.88 (2'1")	–
0.025(0.033)	0.02 (0.026)	250 (9.8")	300 (11.8")	17.5 (39)	○	–
0.04 (0.06)	0.03 (0.04)	350 (13.8")	400 (15.7")	19 (42)	○	–
PC10-5					1.15 (3'9")	–
0.03 (0.04)	0.03 (0.04)	250 (9.8")	280 (11")	26 (57)	○	–
0.05 (0.07)	0.04 (0.05)	350 (13.8")	380 (15")	32 (71)	○	–
0.07 (0.09)	0.06 (0.08)	450 (17.7")	480 (18.9")	46 (101)	○	–
0.085(0.11)	0.07 (0.09)	550 (21.7")	580 (22.8")	42 (93)	○	–
PC20-5					1.15 (3'9")	–
0.03 (0.04)	0.028(0.04)	250 (9.8")	270 (11")	36 (79)	○	–
0.05 (0.07)	0.043(0.06)	350 (13.8")	370 (14.6")	45 (99)	○	–
0.09 (0.12)	0.07 (0.09)	450 (17.7")	480 (18.9")	44 (97)	○	–
0.10 (0.13)	0.08 (0.17)	600 (23.6")	620 (23.6")	62 (137)	○	–
PC30-5					1.365 (4'6")	–
0.06 (0.08)	0.05 (0.07)	300 (11.8")	330 (13")	90 (198)	○	–
0.10 (0.13)	0.09 (0.12)	500 (19.7")	530 (20.9")	73 (161)	○	–
0.12 (0.17)	0.11 (0.14)	600 (23.6")	630 (24.8")	80 (176)	○	–
PC40-5					1.43 (4'8")	1.9 (6'3")
0.06 (0.08)	0.05 (0.07)	300 (11.8")	–	**70 (154)	○	○
0.15 (0.20)	0.13 (0.17)	600 (23.6")	630 (24.8")	100 (220)	○	○
0.19 (0.25)	0.16 (0.21)	700 (27.6")	–	**288 (635)	○	□

* With side-cutters

** Without side-cutters

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These charts are based on over-side stability with fully loaded bucket at maximum reach.

○ Material weight up to 1.8t/m³(3000 lb/cu. yd)
□ Material weight up to 1.5t/m³(2500 lb/cu. yd)
△ Material weight up to 1.2t/m³(2000 lb/cu. yd)
× Not usable.

Bucket capacity(heaped)		Width		*Weight kg(lb)	Arm length m(ft.in)	
SAE, PCSA m³(cu.yd)	CECE m³(cu.yd)	Without Side-cutters mm(in)	With Side-cutters mm(in)			
PC60-5, P60L-5, PC60U-5					1.75 (5'9")	***2.25 (7'5")
0.09 (0.11)	0.08 (0.10)	350 (13.8")	450 (17.7")	148 (330)	○	○
0.13 (0.17)	0.11 (0.14)	450 (17.7")	550 (21.7")	161 (355)	○	○
0.20 (0.26)	0.18 (0.24)	550 (21.7")	650 (25.6")	184 (406)	○	○
0.28 (0.37)	0.25 (0.33)	650 (25.6")	750 (29.5")	210 (460)	○	×
***0.36 (0.47)	0.32 (0.42)	725 (28.5")	825 (32.5")	220 (485)	□	×
PC80-3					1.96 (6'5")	2.51 (8'3")
0.09 (0.12)	0.08 (0.10)	350 (13.8")	450 (17.7")	145 (320)	○	○
0.13 (0.17)	0.11 (0.14)	450 (17.7")	550 (21.7")	161 (355)	○	○
0.20 (0.26)	0.18 (0.24)	550 (21.7")	650 (25.6")	184 (406)	○	○
0.28 (0.37)	0.25 (0.33)	650 (25.6")	750 (29.5")	210 (460)	○	○
0.36 (0.47)	0.32 (0.42)	725 (28.5")	825 (32.5")	205 (452)	○	□
0.47 (0.61)	0.40 (0.52)	885 (34.8")	985 (38.8")	255 (562)	□	×
PC100-3, PC100L-3, PC100U-3					2.3 (7'7")	2.8 (9'2")
0.18 (0.24)	0.16 (0.21)	450 (17.7")	570 (22.4")	220 (485)	○	○
0.28 (0.37)	0.26 (0.34)	600 (23.6")	720 (28.3")	289 (637)	○	○
0.36 (0.47)	0.33 (0.43)	700 (27.6")	820 (32.3")	314 (692)	○	×
0.38 (0.50)	0.35 (0.46)	825 (32.5")	950 (37.4")	345 (761)	○	×
0.44 (0.58)	0.40 (0.52)	825 (32.5")	925 (36.4")	358 (789)	○	×
0.56 (0.73)	0.50 (0.65)	1000 (39.4")	–	**388 (855)	○	×

* With side-cutters

** Without side-cutters

*** PC60U-5 : Not available

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These charts are based on over-side stability with fully loaded bucket at maxlmum reach.

○Material weight up to 1.8t/m³(3000 lb/cu. yd)
□Material weight up to 1.5t/m³(2500 lb/cu. yd)
△Material weight up to 1.2t/m³(2000 lb/cu. yd)
× Not usable.

Bucket capacity(heaped)		Width		*Weight kg(lb)	Arm length m(ft.in)	
SAE, PCSA m³(cu.yd)	CECE m³(cu.yd)	Without Side-cutters mm(in)	With Side-cutters mm(in)			
PC120-3					2.50 (8'2")	3.00 (9'10")
0.18 (0.24)	0.16 (0.21)	450 (17.7")	570 (22.4")	220 (485)	○	○
0.28 (0.37)	0.26 (0.34)	600 (23.6")	720 (28.3")	289 (637)	○	○
0.36 (0.47)	0.33 (0.43)	700 (27.6")	820 (32.3")	314 (692)	○	○
0.38 (0.50)	0.35 (0.46)	825 (32.5")	950 (37.4")	345 (761)	○	○
0.50 (0.65)	0.45 (0.59)	850 (33.5")	950 (37.4")	376 (829)	○	×
0.61 (0.80)	0.55 (0.72)	1000 (39.4")	–	**406 (895)	○	×
PC150HD-3, PC150NHD-3					2.1 (6'11")	2.5 (8'2")
0.18 (0.24)	0.16 (0.21)	450 (17.7")	570 (22.4")	220 (485)	○	○
0.28 (0.37)	0.26 (0.34)	600 (23.6")	720 (28.3")	300 (662)	○	○
0.36 (0.47)	0.33 (0.43)	700 (27.6")	820 (32.3")	335 (739)	○	○
0.50 (0.65)	0.45 (0.59)	850 (33.5")	950 (37.4")	375 (827)	○	○
0.60 (0.78)	0.50 (0.65)	900 (35.4")	1000 (39.4")	390 (860)	○	□
0.65 (0.85)	0.55 (0.72)	1000 (39.4")	–	420 (926)	□	△
PC150-3, PC150LC-3					1.85 (6'1")	2.25 (7'5")	2.61 (8'7")	2.90 (9'6")
0.57 (0.75)	0.50 (0.65)	900 (35.4")	1025 (40.4")	435 (959)	○	○	○	○
0.63 (0.82)	0.55 (0.72)	960 (37.8")	1085 (42.7")	465 (1035)	○	○	○	×
0.75 (0.98)	0.65 (0.85)	1100 (43.3")	–	**450 (992)	○	○	○	×
PC180LC-3, PC180LLC-3, PC180NLC-3					1.85 (6'1")	2.25 (7'5")	2.61 (8'7")	2.90 (9'6")
0.57 (0.75)	0.50 (0.65)	900 (35.4")	1025 (40.4")	440 (960)	○	○	○	○
0.69 (0.90)	0.60 (0.78)	960 (37.8")	1085 (42.7")	490 (1080)	○	○	○	□
0.80 (1.05)	0.70 (0.92)	1050 (41.3")	1175 (46.3")	550 (1210)	○	○	□	△
1.00 (1.31)	0.90 (1.18)	1350 (53.1")	–	600 (1320)	□	□	△	×

* With side-cutters

** Without side-cutters

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These charts are based on over-side stability with fully loaded bucket at maximum reach.

○ Material weight up to 1.8t/m³(3000 lb/cu. yd)
□ Material weight up to 1.5t/m³(2500 lb/cu. yd)
△ Material weight up to 1.2t/m³(2000 lb/cu. yd)
× Not usable.

Bucket capacity(heaped)		Width		*Weight kg(lb)	Arm length m(ft.in)			
SAE, PCSA m³(cu.yd)	CECE m³(cu.yd)	Without Side-cutters mm(in)	With Side-cutters mm(in)					
PC200-3, PC200LC-3					1.80 (5'11")	2.40 (7'10")	2.93 (9'7")	4.06 (13'4")
0.36 (0.47)	0.33 (0.43)	560 (22")	665 (26.2")	410 (904)	○	○	○	○
0.50 (0.65)	0.45 (0.59)	750 (29.5")	855 (33.7")	440 (970)	○	○	○	○
0.80 (1.05)	0.70 (0.92)	1045 (41.1")	1150 (45.3")	576 (1270)	○	○	○	×
0.93 (1.22)	0.80 (1.05)	1200 (47.2")	1305 (51.4")	590 (1300)	○	□	△	×
1.05 (1.37)	0.90 (1.12)	1330 (52.4")	–	**620 (1367)	○	□	×	×
1.17 (1.53)	1.00 (1.31)	1450 (57.1")	–	**660 (1455)	○	□	×	×
1.40 (1.83)	1.20 (1.57)	1680 (66.1")	–	**710 (1565)	□	△	×	×
PC210-3, PC210LC-3					1.80 (5'11")	2.40 (7'10")	2.93 (9'7")	4.06 (13'4")
0.36 (0.47)	0.33 (0.43)	560 (22")	665 (26.2")	410 (960)	○	○	○	○
0.50 (0.65)	0.45 (0.59)	750 (29.5")	855 (33.7")	440 (970)	○	○	○	○
0.80 (1.05)	0.70 (0.92)	1045 (41.1")	1150 (45.3")	475 (1045)	○	○	○	×
0.93 (1.22)	0.80 (1.05)	1200 (47.2")	1305 (51.4")	590 (1300)	○	○	○	×
1.05 (1.37)	0.90 (1.12)	1330 (52.4")	–	**620 (1367)	○	○	□	×
1.17 (1.53)	1.00 (1.31)	1450 (57.1")	–	**660 (1455)	○	□	×	×
1.40 (1.80)	1.20 (1.60)	1680 (66.1")	–	**710 (1565)	□	△	×	×
PC220-3, PC220LC-3					2.00 (6'7")	2.50 (8'2")	3.05 (10')	3.50 (11'6")
0.44 (0.58)	0.40 (0.52)	600 (23.6")	705 (27.8")	540 (1190)	○	○	○	○
0.72 (0.94)	0.65 (0.85)	900 (35.4")	1005 (39.6")	610 (1345)	○	○	○	○
1.00 (1.31)	0.90 (1.18)	1155 (45.5")	1250 (49.2")	710 (1570)	○	○	○	□
1.14 (1.49)	1.00 (1.31)	1300 (51.2")	1405 (55.3")	760 (1680)	○	□	□	×
1.26 (1.65)	1.10 (1.44)	1400 (55.1")	–	**770 (1700)	○	□	△	×

* With side-cutters

** Without side-cutters

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These charts are based on over-side stability with fully loaded bucket at maximum reach.

- ○ Material weight up to 1.8t/m³(3000 lb/cu. yd)
- □ Material weight up to 1.5t/m³(2500 lb/cu. yd)
- △ Material weight up to 1.2t/m³(2000 lb/cu. yd)
- × Not usable.

Bucket capacity(heaped)		Width		*Weight kg(lb)	Arm length m(ft.in)			
SAE, PCSA m³(cu.yd)	CECE m³(cu.yd)	Without Side-cutters mm(in)	With Side-cutters mm(in)					
PC240-3, PC240LC-3,PC240NLC-3					2.00 (6'7")	2.50 (8'2")	3.05 (10')	3.50 (11'6")
0.44 (0.58)	0.40 (0.52)	600 (23.6")	705 (27.8")	540 (1190)	○	○	○	○
0.72 (0.94)	0.65 (0.85)	900 (35.4")	1005 (39.6")	610 (1345)	○	○	○	○
1.03 (1.35)	0.90 (1.18)	1155 (45.5")	1250 (49.2")	710 (1570)	○	○	○	□
1.14 (1.49)	1.00 (1.31)	1300 (51.2")	1450 (57.1")	760 (1680)	○	○	○	×
1.26 (1.65)	1.10 (1.44)	1400 (55.1")	–	**770 (1700)	○	○	○	×
PC280LC-3, PC280NLC-3					2.00 (6'7")	2.50 (8'2")	3.05 (10')	3.50 (11'6")
0.44 (0.58)	0.40 (0.52)	600 (23.6")	705 (27.8")	540 (1190)	○	○	○	○
0.72 (0.94)	0.65 (0.85)	900 (35.4")	1005 (39.6")	610 (1340)	○	○	○	○
1.03 (1.35)	0.90 (1.18)	1155 (45.5")	1250 (49.2")	710 (1570)	○	○	○	○
1.14 (1.49)	1.00 (1.31)	1300 (51.2")	1450 (57.1")	760 (1680)	○	○	○	□
1.26 (1.65)	1.10 (1.44)	1400 (55.1")	1505 (59.3")	805 (1775)	○	○	○	□
1.40 (1.83)	1.20 (1.57)	1490 (58.7")	1585 (62.4")	835 (1840)	○	○	○	□
PC300-3, PC300LC-3, PC300NLC-3					2.20 (7'3")	2.55 (8'4")	3.13 (10'3")	4.02 (13'2")
0.50 (0.65)	0.46 (0.60)	610 (24")	740 (29.1")	653 (1440)	○	○	○	○
1.10 (1.44)	1.00 (1.31)	1105 (43.5")	1235 (48.6")	859 (1894)	○	○	○	○
1.32 (1.73)	1.20 (1.57)	1290 (50.8")	1420 (55.9")	952 (2099)	○	○	○	○
1.57 (2.05)	1.40 (1.83)	1475 (58.1")	1605 (63.2")	1039 (2291)	□	□	□	×
1.80 (2.35)	1.60 (2.09)	1660 (65.4")	–	**1056 (2328)	□	□	□	×

* With side-cutters

** Without side-cutters

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These charts are based on over-side stability with fully loaded bucket at maximum reach.

○ Material weight up to 1.8t/m³(3000 lb/cu. yd)

□ Material weight up to 1.5t/m³(2500 lb/cu. yd)

△ Material weight up to 1.2t/m³(2000 lb/cu. yd)

× Not usable.

Bucket capacity(heaped)		Width		*Weight kg(lb)	Arm length m(ft.in)			
SAE, PCSA m³(cu.yd)	CECE m³(cu.yd)	Without Side-cutters mm(in)	With Side-cutters mm(in)					
PC360LC-3					2.20 (7'3")	2.55 (8'4")	3.13 (10'3")	4.02 (13'2")
0.50 (0.65)	0.46 (0.60)	610 (24")	740 (29.1")	653 (1440)	○	○	○	○
1.10 (1.44)	1.00 (1.31)	1105 (43.5")	1235 (48.6")	859 (1894)	○	○	○	○
1.32 (1.73)	1.20 (1.57)	1290 (50.8")	1420 (55.9")	952 (2099)	○	○	○	○
1.57 (2.05)	1.40 (1.83)	1475 (58.1")	1605 (63.2")	1039 (2291)	○	○	○	○
1.70 (2.22)	1.50 (1.96)	1570 (61.8")	1700 (66.9")	1085 (2392)	○	○	○	□
1.80 (2.35)	1.60 (2.09)	1660 (65.4")	–	**1056 (2328)	○	○	○	□
PC400-3, PC400LC-3					2.20 (7'3")	2.55 (8'4")	3.13 (10'3")	4.02 (13'2")
1.30 (1.70)	1.20 (1.57)	1080 (42.5")	1230 (48.4")	1012 (2231)	○	○	○	○
1.54 (2.01)	1.40 (1.83)	1225 (48.2")	1375 (54.1")	1128 (2487)	○	○	○	○
1.80 (2.35)	1.60 (2.09)	1370 (53.9")	1520 (59.8")	1340 (2954)	○	○	○	○
2.00 (2.62)	1.80 (2.35)	1515 (59.6")	1665 (65.6")	1327 (2926)	○	○	○	□
2.24 (2.93)	2.00 (2.62)	1660 (65.4")	–	**1340 (2954)	□	□	□	×
PC650-3					2.87 (9'5")	3.60 (11'10")	5.10 (16'9")	–
2.4 (3.14)	2.1 (2.75)	1324 (4' 4")	1470 (4'10")	2180 (4,810)	×	○	○	–
2.8 (3.66)	2.5 (3.27)	1524 (5')	1670 (5' 6")	2340 (5,160)	○	○	□	–
3.2 (4.19)	2.8 (3.66)	1674 (5' 6")	1820 (5'12")	2410 (5,310)	○	□	×	–
3.7 (4.84)	3.3 (4.32)	1930 (6' 4")	2076 (6'10")	2800 (6,170)	□	×	×	–

* With side-cutters

** Without side-cutters

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Bucket and Arm Combinations

These charts are based on over-side stability with fully loaded bucket at maximum reach.

○ Material weight up to 1.8t/m³(3000 lb/cu. yd) ● Material weight up to 2.1t/m³ (3500 lb/cu. yd)
□ Material weight up to 1.5t/m³(2500 lb/cu. yd)
△ Material weight up to 1.2t/m³(2000 lb/cu. yd)
× Not usable.

Bucket capacity(heaped)		Width		*Weight kg(lb)	Arm length m(ft.in)			
SAE, PCSA m³(cu.yd)	CECE m³(cu.yd)	Without Side-cutters mm(in)	With Side-cutters mm(in)					
PC1000-1					3.4 (11'2")	4.6 (15'1")	5.7 (18'8")	–
3.1 (4.1)	2.7 (3.5)	1410 (55.5")	1580 (62.2")	3300 (7,280)	●	●	○	–
3.7 (4.8)	3.3 (4.3)	1700 (66.9")	1870 (73.6")	3800 (8,380)	●	○	□	–
4.3 (5.6)	3.8 (5.0)	1890 (77.4")	2060 (81.1")	4000 (8,820)	○	□	△	–
5.4 (7.1)	4.7 (6.1)	2100 (82.7")	2270 (89.4")	4550 (10,030)	△	×	×	–
PC1600-1					4.10 (13'5")	5.0 (16'5")	6.5 (21'4")	–
8.5 (11.1)	7.6 (9.9)	2000 (6' 7")	2160 (7' 1")	7010 (15,460)	○	□	×	***
10.1 (13.2)	9.0 (11.8)	2280 (7' 6")	2440 (8')	7950 (17,530)	○	×	×	****

* With side-cutters
** Without side-cutters
*** Use of 10.2m(33'6") boom
**** Use of 9.1m(29'10") boom

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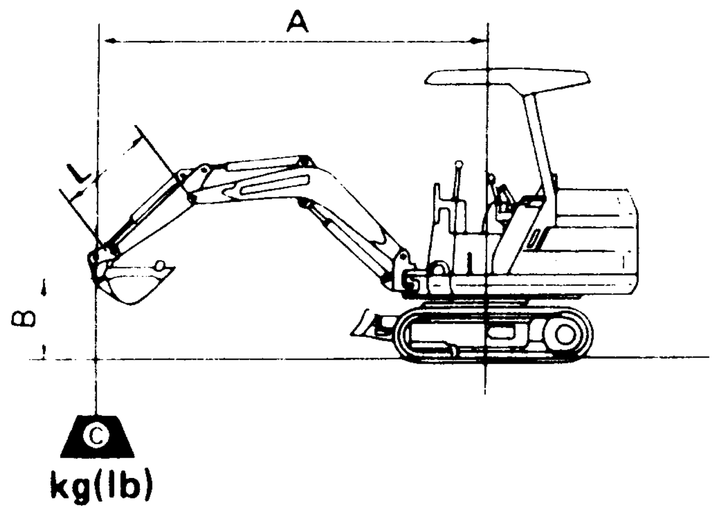
PC05-5



A: Reach from swing center
B: Bucket hook height
C: Lifting capacity

Cf: : Rating over front

Cs: : Rating over side

: Rating at maximum reach

Arm length 880mm(2'11)
With blade above ground

unit: kg (lb)

A / B	MAX		2m (6'7")	
	Cf	Cs	Cf	Cs
2 m (6' 7")	190 (420)	170 (370)		
1 m (3' 3")	140 (310)	120 (260)	250 (550)	220 (490)
0 m (0')	140 (310)	110 (240)	230 (510)	200 (440)
-1 m (-3' 3")	*160 (350)	*160 (350)	230 (510)	200 (440)

With blade on ground

Unit: kg (lb)

A / B	MAX		2m (6'6")	
	Cf	Cs	Cf	Cs
2 m (6' 7")	*230 (510)	170 (370)		
1 m (3' 3")	*210 (460)	120 (260)	*300 (660)	220 (490)
0 m (0')	*200 (440)	110 (240)	*370 (820)	200 (440)
-1 m (-3' 3")	*160 (350)	*160 (350)	*240 (530)	200 (440)

* Load is limited by hydraulic capacity rather than tipping.
Ratings are based on SAE Standard No. J1097. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

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PC10-5

Arm length 1150mm(3'9")
With blade above ground

unit: kg (lb)

A / B	MAX		3m (9'10")		2m (6' 7")	
	Cf	Cs	Cf	Cs	Cf	Cs
2 m (6' 7")	300 (660)	210 (460)				
1 m (3' 3")	250 (550)	170 (370)	310 (680)	220 (490)	620 (1370)	430 (950)
0 m (0')	270 (600)	180 (400)	310 (680)	220 (490)	590 (1300)	410 (900)
-1 m (-3' 3")	400 (880)	290 (640)			590 (1300)	430 (950)

With blade above ground

unit: kg (lb)

A / B	MAX		3m (9'10")		2m (6' 7")	
	Cf	Cs	Cf	Cs	Cf	Cs
2 m (6' 7")	*390 (860)	210 (460)				
1 m (3' 3")	*410 (900)	170 (370)	*460 (1010)	220 (490)	*780 (1720)	430 (950)
0 m (0')	*460 (1010)	180 (400)	*500 (1100)	220 (490)	*900 (1980)	410 (900)
-1 m (-3' 3")	*500 (1100)	290 (640)			*800 (1760)	430 (950)

* Load is limited by hydraulic capacity rather than tipping.
Ratings are based on SAE Standard No. J1097. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

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PC20-5

Arm length 1,150mm(3'9")
With blade above ground

unit: kg (lb)

A / B	⊕ F	⊕ S	3.5 m (11'6") F	3.5 m (11'6") S	2.5 m (8'2") F	2.5 m (8'2") S	1.5 m (4'11") F	1.5 m (4'11") S
3.5 m (11'6")	*450 (1100)	*450 (1100)						
2.5 m (8'2")	*450 (1000)	350 (800)	*450 (1000)	400 (800)				
1.5 m (4'11")	400 (900)	300 (700)	*500 (1100)	350 (800)	*700 (1500)	650 (1400)		
0.5 m (1'8")	400 (900)	300 (700)	500 (1100)	350 (800)	850 (1800)	600 (1300)		
−0.5 m (−1'8")	450 (1000)	350 (800)	500 (1100)	350 (800)	850 (1800)	600 (1300)	*1200 (2700)	*1200 (2700)
−1.5 m (−4'11")	*550 (1200)	500 (1100)			*700 (1500)	600 (1400)	*1350 (3000)	*1350 (3000)

With blade on ground

unit: kg (lb)

A / B	⊕ F	⊕ S	3.5 m (11'6") F	3.5 m (11'6") S	2.5 m (8'2") F	2.5 m (8'2") S	1.5 m (4'11") F	1.5 m (4'11") S
3.5 m (11'6")	*450 (1100)	*450 (1100)						
2.5 m (8'2")	*450 (1000)	350 (800)	*450 (1000)	400 (800)				
1.5 m (4'11")	*450 (1000)	300 (700)	*500 (1100)	350 (800)	*700 (1500)	650 (1400)		
0.5 m (1'8")	*500 (1100)	300 (700)	550 (1300)	350 (800)	*950 (2100)	600 (1300)		
−0.5 m (−1'8")	*500 (1200)	350 (800)	*550 (1200)	350 (800)	*950 (2100)	600 (1300)	*1050 (2300)	*1200 (2700)
−1.5 m (−4'11")	*550 (1200)	500 (1100)			*700 (1500)	600 (1400)	*1350 (3000)	*1350 (3000)

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PC30-5

Arm length 1365mm(4'6")

With blade above ground

unit: kg (lb)

A / B	6 m		4 m (13'3")		3 m (9'10")		2 m (6'7")	
	F	S	F	S	F	S	F	S
3 m (9'10")	*400 (900)	*400 (900)						
2 m (6'7")	*400 (900)	400 (900)	*400 (900)	*400 (900)				
1 m (3'3")	*450 (1000)	350 (800)	*450 (1000)	400 (900)	*650 (1400)	*650 (1400)		
0 m	*500 (1100)	400 (800)	*500 (1100)	400 (900)	*750 (1700)	600 (1400)	*1150 (2600)	1100 (2500)
−1 m (3'3")	*550 (1200)	450 (1000)			*750 (1700)	600 (1400)	*1350 (2900)	1100 (2500)
−2 m (6'7")	*600 (1300)	*600 (1300)					*950 (2100)	*950 (2100)

With blade on ground

unit: kg (lb)

A / B	6 m		4 m (13'3")		3 m (9'10")		2 m (6'7")	
	F	S	F	S	F	S	F	S
3 m (9'10")	*400 (900)	*400 (900)						
2 m (6'7")	*400 (900)	400 (900)	*400 (900)	*400 (900)				
1 m (3'3")	*450 (1000)	350 (800)	*450 (1000)	400 (900)	*650 (1400)	*650 (1400)		
0 m	*500 (1100)	400 (800)	*500 (1100)	400 (900)	*750 (1700)	600 (1400)	*1150 (2600)	1100 (2500)
−1 m (3'3")	*550 (1200)	450 (1000)			*750 (1700)	600 (1400)	*1350 (2900)	1100 (2500)
−2 m (6'7")	*600 (1300)	*600 (1300)					*950 (2100)	*950 (2100)

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PC40-5

Arm length 1430mm(4'8")
With blade above ground

Unit : kg (lb)

A / B	⊖ F	⊖ S	4 m (13'3") F	4 m (13'3") S	3 m (9'10") F	3 m (9'10") S	2 m (6'7") F	2 m (6'7") S
3 m (9'10")	600 (1300)	400 (900)	*650 (1400)	500 (1100)				
2 m (6'7")	500 (1100)	350 (1800)	650 (1400)	450 (1000)	*850 (1900)	800 (1800)		
1 m (3'3")	450 (1000)	300 (700)	600 (1300)	450 (1000)	1000 (2200)	700 (1500)		
0 m	500 (1100)	350 (800)	600 (1300)	400 (900)	950 (2100)	650 (1400)	*1800 (4000)	1250 (2800)
-1 m (3'3")	550 (1200)	400 (900)	600 (1300)	400 (900)	950 (2100)	650 (1400)	2000 (4400)	1300 (2900)
-2 m (6'7")	850 (1900)	600 (1300)			1000 (2200)	700 (1500)	2050 (4500)	1350 (3000)

With blade on ground

Unit : kg (lb)

A / B	⊖ F	⊖ S	4 m (13'3") F	4 m (13'3") S	3 m (9'10") F	3 m (9'10") S	2 m (6'7") F	2 m (6'7") S
3 m (9'10")	*600 (1300)	400 (900)	*650 (1400)	500 (1100)				
2 m (6'7")	*650 (1400)	350 (800)	*750 (1700)	450 (1000)	*850 (1900)	800 (1800)		
1 m (3'3")	*750 (1700)	300 (700)	*900 (2000)	450 (1000)	*1300 (2900)	700 (1500)		
0 m	*850 (1900)	350 (800)	*1050 (2300)	400 (900)	*1550 (3400)	650 (1400)	*1800 (4000)	1250 (2800)
-1 m (3'3")	*1000 (2200)	400 (900)	*1050 (2300)	400 (900)	1600 (3500)	650 (1400)	*2850 (6300)	1300 (2900)
-2 m (6'7")	*1150 (2500)	600 (1300)			*1350 (3000)	700 (1500)	*2300 (5100)	1350 (3000)

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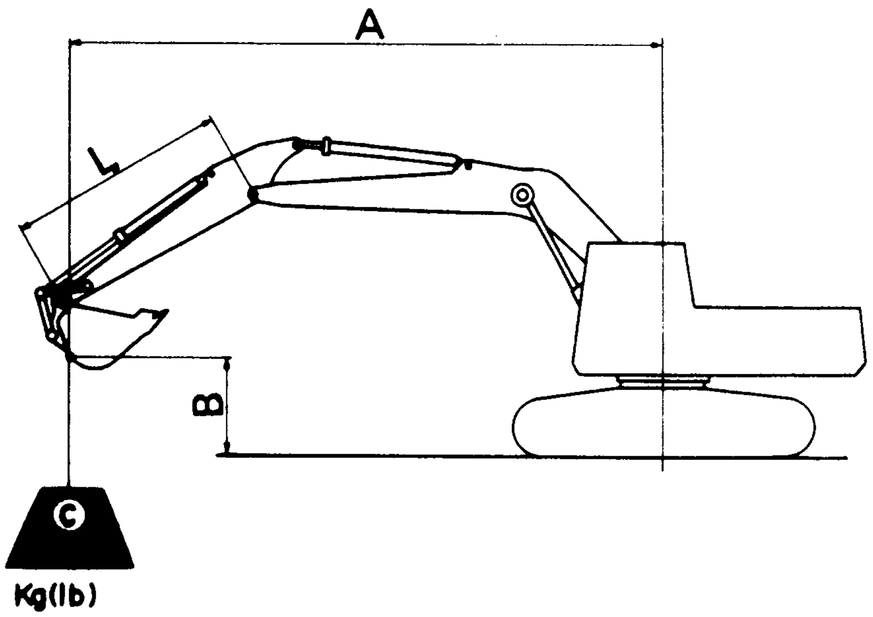
PC60-5



A: Reach from swing center
B: Bucket hook height
C: Lifting capacity

Cf: Rating over front

Cs: Rating over side

⊗: Rating at maximum reach

Arm length 1750mm(5'9")

unit: kg (lb)

A / B	⊗ MAX		5 m (16'5")		4 m (13'1")		3 m (9'10")		2 m (6'7")		1 m (3'3")	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
5 m (16'5")	*700 (1500)	*700 (1500)			*1350 (3000)	*1350 (3000)						
4 m (13'1")	*650 (1400)	*650 (1400)			*1300 (2900)	*1300 (2900)						
3 m (9'10")	*600 (1300)	*600 (1300)	1100 (2400)	900 (2000)	*1450 (3200)	1350 (3000)	*1650 (3700)	*1650 (3700)				
2 m (6'7")	*600 (1300)	*600 (1300)	1050 (2300)	850 (1900)	1600 (3500)	1300 (2900)	*2200 (4900)	2100 (4700)				
1 m (3'3")	*650 (1400)	*650 (1400)	1050 (2300)	850 (1900)	1500 (3300)	1250 (2800)	2400 (5300)	1950 (4300)				
0 m (0')	*700 (1500)	700 (1500)	1000 (2200)	800 (1800)	1450 (3200)	1200 (2700)	2300 (5100)	1850 (4100)				
-1 m (-3'3")	*850 (1900)	750 (1700)	1000 (2200)	800 (1800)	1400 (3100)	1150 (2600)	2250 (5000)	1800 (4000)	*3650 (8100)	3650 (8100)		
-2 m (-6'7")	*1050 (2300)	950 (2100)			1400 (3100)	1150 (2600)	2250 (5000)	1800 (4000)	*4150 (9200)	3700 (8200)	*2500 (5500)	*3700 (8200)

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PC60L-5

Arm length 1750mm(5'9")

unit: kg (lb)

A / B	MAX		5 m (16'5")		4 m (13'1")		3 m (9'10")		2 m (6'7")		1 m (3'3")	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
5 m (16'5")	*700 (1500)	*700 (1500)			*1350 (2900)	*1350 (2900)						
4 m (13'1")	*600 (1400)	*600 (1400)			*1300 (2900)	*1300 (2900)						
3 m (9'10")	*600 (1300)	*600 (1300)	*1350 (3000)	950 (2100)	*1450 (3200)	*1450 (3200)	*1650 (3600)	*1650 (3600)				
2 m (6'7")	*600 (1300)	*600 (1300)	1350 (3000)	950 (2100)	*1700 (3800)	1400 (3100)	*2200 (4900)	*2200 (4900)				
1 m (3'3")	*650 (1400)	*650 (1400)	1350 (2900)	900 (2000)	1950 (4300)	1350 (2900)	*2700 (6000)	2100 (4600)				
0 m (0')	*700 (1500)	*700 (1500)	1300 (2900)	900 (2000)	1850 (4100)	1250 (2800)	3000 (6600)	2000 (4400)				
-1 m (-3'3")	*850 (1800)	*850 (1800)	1300 (2800)	900 (1900)	1850 (4000)	1250 (2800)	2950 (6500)	1950 (4300)	*3650 (8100)	*3650 (8100)		
-2 m (-6'7")	*1050 (2400)	1000 (2300)			1050 (4100)	1250 (2800)	*2850 (6300)	1950 (4300)	*4150 (9200)	3950 (8700)	*3700 (8200)	*3700 (8200)

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PC600U-5

Arm length 1750mm(5'9")

unit: kg (lb)

A / B	⊗ MAX		5 m (16'5")		4 m (13'1")		3 m (9'10")		2 m (6'7")		1 m (3'3")	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
5 m (16'5")	*1150 (2500)	*1150 (2500)										
4 m (13'1")	1150 (2500)	950 (2100)	*1100 (2500)	1000 (2300)								
3 m (9'10")	950 (2100)	800 (1700)	*1200 (2600)	1000 (2200)	*1200 (2600)	*1200 (2600)						
2 m (6'7")	850 (1900)	700 (1600)	1200 (2600)	1000 (2200)	*1700 (3700)	1450 (3200)	*2400 (5300)	2300 (5100)				
1 m (3'3")	850 (1400)	700 (1500)	1150 (2500)	950 (2100)	1650 (3600)	1350 (3000)	2550 (5700)	2100 (4600)				
0 m (0')	900 (2000)	750 (1600)	1100 (2500)	900 (2000)	1600 (3500)	1300 (2900)	2500 (5500)	2000 (4400)				
-1 m (-3'3")	1000 (2200)	850 (1800)	1100 (2500)	900 (2000)	1550 (3500)	1300 (2800)	2500 (5500)	2000 (4400)	*3300 (7300)	*3300 (7300)	*1550 (3400)	1450 (3300)
-2 m (-6'7")	1300 (2900)	1100 (2400)			1600 (3500)	1300 (2900)	2550 (5600)	2050 (4500)	5450 (12000)	4200 (9200)	*900 (2000)	*900 (2000)

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PC80-3

Arm length 1960mm

unit : kg (lb)

A / B	MAX		5.5 m (18')		5.0 m (16')		4.0 m (13')		3.0 m (10')		2.0 m (7')	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
5.0 m (16')	*1500 (3300)	*1500 (3300)					*1500 (3300)	*1500 (3300)				
4.0 m (13')	*1500 (3300)	*1500 (3300)					*1550 (3400)	*1550 (3400)				
3.0 m (10')	*1500 (3500)	1300 (2900)			*1600 (3500)	1400 (3100)	*1750 (3800)	*1750 (3800)	*2000 (4500)	*2000 (4500)		
2.0 m (7')	1450 (3300)	1150 (2600)			1700 (3800)	1350 (3000)	*2050 (4500)	1950 (4300)	*2650 (5900)	*2650 (5900)	*4350 (9600)	*4350 (9600)
1 m (3')	1400 (3100)	1100 (2500)	1450 (3100)	1100 (2500)	1650 (3700)	1300 (2900)	2350 (5200)	1850 (4000)	*3250 (7100)	2800 (6200)	*2300 (5000)	*2300 (5000)
0 m (0')	1450 (3200)	1150 (2500)			1600 (3500)	1250 (2800)	2250 (5000)	1750 (3800)	*3350 (7800)	2700 (5900)	*3100 (6800)	*3100 (6800)
-1.0 m (-3')	1600 (3500)	1250 (2700)					2200 (4900)	1700 (3800)	3500 (7700)	2650 (5800)	*4600 (10100)	*4600 (10100)
-2.0 m (-7')	1950 (4300)	1500 (3300)					2200 (4900)	1700 (3800)	*3350 (7400)	2650 (5900)	*4850 (10700)	*4850 (10700)
-3.0 m (-10')	*2500 (5500)	2300 (5000)							*2800 (6200)	2750 (6000)	*3950 (8700)	*3950 (8700)

Arm length 2510(8'3")

unit : kg (lb)

A / B	MAX		5.5 m (18')		5.0 m (16')		4.0 m (13')		3.0 m (10')		2.0 m (7')	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
5.0 m (16')	*1300 (2800)	*1300 (2800)										
4.0 m (13')	*1300 (2900)	1250 (2800)	*1300 (2900)	1250 (2800)	*1300 (2900)	*1300 (2900)						
3.0 m (10')	1350 (3000)	1100 (2400)	*1350 (3000)	1250 (2700)	*1400 (3100)	*1400 (3100)	*1500 (3300)	*1500 (3300)				
2.0 m (7')	1250 (2700)	1000 (2200)	*1500 (3300)	1200 (2600)	*1550 (3400)	1400 (3100)	*1800 (3900)	*1800 (3900)	*2250 (4900)	*2250 (4900)	*3300 (7300)	*3300 (7300)
1.0 m (3')	1200 (2600)	950 (2100)	1450 (3200)	1150 (2500)	1650 (3700)	1300 (2900)	*2100 (4700)	1850 (4100)	*2900 (6300)	*2900 (6300)	*3350 (7400)	*3350 (7400)
0.0 m (0')	1200 (2700)	950 (2100)	1400 (3100)	1100 (2400)	1600 (3500)	1250 (2800)	2250 (5000)	1750 (3800)	*3350 (7300)	2700 (5900)	*2950 (6500)	*2950 (6500)
-1.0 m (-3')	1300 (2800)	1000 (2200)	1350 (3000)	1050 (2300)	1550 (3400)	1200 (2700)	2200 (4800)	1700 (3700)	3450 (7600)	2600 (5700)	*3850 (8500)	*3850 (8500)
-2.0 m (-7')	1500 (3300)	1150 (2500)			1550 (3400)	1200 (2700)	2150 (4200)	1550 (3400)	3450 (7600)	2550 (5700)	*5200 (11400)	*5200 (11400)
-3.0 m (-10')	1950 (4300)	1500 (3300)					2200 (4900)	1700 (3800)	*3100 (6600)	*3100 (5800)	*4500 (10000)	*4500 (10000)

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PC100-3

Arm length 2300mm(7'7")

B \ A		MAX	6.0 m (20')	4.5 m (15')	3.0 m (10')	1.5 m (5')
6.0 m (20')	Cf	*1400 (3100)				
	Cs	*1400 (3100)				
4.5 m (15')	Cf	*1250 (2600)				
	Cs	*1250 (2800)				
3.0 m (10')	Cf	*1250 (2800)	1950 (4300)	*2600 (5800)		
	Cs	1250 (2700)	1400 (3100)	2400 (5300)		
1.5 m (5')	Cf	*1350 (3000)	1850 (4100)	3050 (6700)	*5100 (11200)	
	Cs	1100 (2500)	1350 (3000)	2250 (4900)	4250 (9400)	
0.0 m (0')	Cf	1550 (3500)	1800 (3900)	2850 (6300)	5550 (12300)	
	Cs	1100 (2500)	1300 (2800)	2050 (4500)	3850 (8500)	
-1.5 m (-5')	Cf	1800 (3900)		2750 (6100)	5450 (12000)	*3700 (8200)
	Cs	1300 (2800)		1950 (4400)	3750 (8200)	*3700 (8200)
-3.0 m (-10')	Cf	2450 (5400)		2800 (6100)	*5050 (11100)	*6800 (15000)
	Cs	1750 (3900)		2000 (4400)	3800 (8400)	6800 (15000)
-4.5 m (-15')	Cf					
	Cs					

Arm length 2800mm(9'2")

Unit: kg (lb)

MAX	6.0 m (20')	4.5 m (15')	3.0 m (10')	1.5 m (5')
*1200 (2600)				
*1200 (2600)				
*1100 (2400)	*1550 (3400)			
*1100 (2400)	1500 (3300)			
*1100 (2400)	2000 (4400)	*2300 (5100)		
*1100 (2400)	1500 (3300)	*2300 (5100)		
*1200 (2600)	1900 (4200)	*3000 (6600)	*4550 (10000)	
1000 (2300)	1400 (3100)	2300 (5100)	4450 (9800)	
*1350 (3000)	1800 (4000)	2900 (6400)	5700 (12600)	
1000 (2200)	1300 (2900)	2100 (4600)	3950 (8700)	
1600 (3500)	1750 (3900)	2750 (6100)	5500 (12100)	*3400 (7500)
1150 (2500)	1250 (2800)	2000 (4400)	3750 (8300)	*3400 (7500)
2050 (4500)		2750 (6100)	5450 (12100)	*5750 (12700)
1450 (3300)		1950 (4300)	3750 (8300)	*5750 (12700)
			*3600 (7900)	
			*3600 (7900)	

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PC100-3

Arm length 2000mm(6'8")

B \ A		MAX ⊗	6.0 m (20')	4.5 m (15')	3.0 m (10')	1.5 m (5')
6.0 m (20')	Cf	*1700 (3800)				
	Cs	*1700 (3800)				
4.5 m (15')	Cf	*1500 (3300)		*2400 (5300)		
	Cs	*1500 (3300)		*2400 (5300)		
3.0 m (10')	Cf	*1500 (3300)	1900 (4200)	*2800 (6200)	*3750 (8300)	
	Cs	1350 (2900)	1400 (3100)	2400 (5300)	*3750 (8300)	
1.5 m (5')	Cf	*1600 (3600)	1850 (4100)	3000 (6600)	*5400 (11900)	
	Cs	1200 (2700)	1350 (3000)	2200 (4900)	4150 (9200)	
0.0 m (0')	Cf	1700 (3700)	1800 (3900)	2850 (6300)	5550 (12200)	
	Cs	1200 (2700)	1300 (2800)	2050 (4500)	3800 (8400)	
-1.5 m (-5')	Cf	1950 (4300)		2750 (6100)	5450 (12100)	*4050 (8900)
	Cs	1400 (3100)		2000 (4400)	3750 (8300)	*4050 (8900)
-3.0 m (-10')	Cf	2800 (6200)		2800 (6200)	*4750 (10400)	
	Cs	2050 (4500)		2050 (4500)	3850 (8500)	

PC100L-3

Arm length 2300mm(7'7")

Unit: kg (lb)

MAX ⊗	6.0 m (20')	4.5 m (15')	3.0 m (10')	1.5 m (5')
*1400 (3100)				
*1400 (3100)				
*1250 (2800)				
*1250 (2800)				
*1250 (2800)	*2300 (5000)	*2600 (5800)		
*1250 (2800)	1800 (3900)	*2600 (5800)		
*1350 (3000)	*2500 (5600)	*3250 (7100)	*5100 (11200)	
*1350 (3000)	1700 (3800)	2750 (6100)	*5100 (11200)	
*1600 (3500)	2550 (5600)	*3700 (8200)	*6000 (13300)	
1450 (3200)	1650 (3600)	2600 (5700)	4800 (10600)	
*2050 (4600)		*3800 (8400)	*5950 (13200)	*3700 (8200)
1650 (3600)		2500 (5500)	4700 (10300)	*3700 (8200)
*2750 (6000)		*3200 (7000)	*5050 (11100)	*6800 (15000)
2250 (4900)		2500 (5600)	4750 (10500)	*6800 (15000)

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PC100L-3

Arm length 2800mm(9'2")

Arm length 2000mm(6'8")

Unit: kg (lb)

B \ A		MAX ⊕	6.0 m (20')	4.5 m (15')	3.0 m (10')	1.5 m (5')
6.0 m (20')	Cf	*1050 (2300)				
	Cs	*1050 (2300)				
4.5 m (15')	Cf	*950 (2100)	*1500 (3300)			
	Cs	*950 (2100)	*1500 (3300)			
3.0 m (10')	Cf	*950 (2100)	*2100 (4600)	*2300 (5100)		
	Cs	*950 (2100)	1850 (4100)	*2300 (5100)		
1.5 m (5')	Cf	*1000 (2200)	*2400 (5300)	*3000 (6600)	*4550 (10000)	
	Cs	*1000 (2200)	1750 (3900)	2800 (6200)	*4550 (10000)	
0.0 m (0')	Cf	*1200 (2600)	2550 (5700)	*3600 (7900)	*5850 (12900)	
	Cs	*1200 (2600)	1650 (3700)	2650 (5800)	4900 (10900)	
-1.5 m (-5')	Cf	*1500 (3300)	2500 (5500)	*3850 (8500)	*6100 (13400)	*3300 (7300)
	Cs	1450 (3200)	1600 (3600)	2500 (5500)	4700 (10400)	*3300 (7300)
-3.0 m (-10')	Cf	*2300 (5100)		*3500 (7800)	*5500 (12200)	*5600 (12400)
	Cs	1850 (4100)		2500 (5500)	4700 (10400)	5600 (12400)
-4.5 m (-15')	Cf				*3600 (7900)	
	Cs				*3600 (7900)	

MAX ⊕	6.0 m (20')	4.5 (15')	3.5 m (10')	1.5 m (5')
*1750 (3800)				
*1750 (3800)				
*1550 (3400)		*2400 (5300)		
*1550 (3400)		*2400 (5300)		
*1500 (3400)	*2050 (3400)	*2850 (6300)	*3800 (8400)	
*1500 (3400)	1800 (3900)	*2850 (6300)	*3800 (8400)	
*1650 (3600)	2650 (5800)	*3450 (7600)	*5450 (12000)	
1550 (3500)	1750 (3800)	2750 (6100)	5150 (11400)	
*1950 (4300)	2550 (5700)	*3850 (8500)	*6150 (13600)	
1600 (3500)	1650 (3700)	2600 (5700)	4800 (10600)	
*2550 (5600)		*3800 (8400)	*5900 (13100)	*4050 (9000)
1850 (4000)		2550 (5600)	4750 (10500)	*4050 (9000)
*2850 (6300)		*2900 (6400)	*4800 (10500)	
2600 (5700)		2600 (5700)	*4800 (10500)	

* Load is limited by hydraulic capacity rather than tipping.
Ratings are based on SAE Standard No. J1097. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

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PC120-3

Arm length 2500mm(8'2")

Arm length 3000mm(9'10")

Unit: kg (lb)

B \ A		MAX	6.0 m (20')	4.5 m (15')	3.0 m (10')	1.5 m (5')
6.0 m (20')	Cf	*1300 (2900)				
	Cs	*1300 (2900)				
4.5 m (15')	Cf	*1200 (2700)	*2050 (4500)			
	Cs	*1200 (2700)	1750 (3800)			
3.0 m (10')	Cf	*1250 (2700)	2400 (5300)	*3200 (7000)		
	Cs	*1250 (2700)	1700 (3700)	2800 (6200)		
1.5 m (5')	Cf	*1350 (3000)	2350 (5100)	3750 (8200)	*6400 (14100)	
	Cs	1150 (2600)	1600 (3600)	2550 (5700)	*4850 (10700)	
0.0 m (0')	Cf	*1550 (3500)	2250 (4900)	3550 (7800)	*6350 (14000)	
	Cs	1200 (2600)	1500 (3400)	2400 (5300)	4400 (9800)	
-1.5 m (-5')	Cf	1950 (4300)	2200 (4800)	3450 (7600)	6900 (15200)	*3700 (8200)
	Cs	1300 (2900)	1500 (3300)	2300 (5100)	4350 (9600)	*3700 (8200)
-3.0 m (-10')	Cf	2500 (5500)		3450 (7600)	*6450 (14200)	*6350 (14000)
	Cs	1700 (3800)		2300 (5100)	4400 (9700)	*6350 (14000)
-4.5 m (-15')	Cf					
	Cs					

MAX	6.0 m (20')	4.5 m (15')	3.0 m (10')	1.5 m (5')
*1150 (2600)				
*1150 (2600)				
*1100 (2400)	*2100 (4600)			
*1100 (2400)	1750 (3900)			
*1100 (2500)	2450 (5400)	*2800 (6100)		
*1100 (2500)	1700 (3700)	*2800 (6100)		
*1200 (2700)	2300 (5100)	*3650 (8000)	*5650 (12400)	
1050 (2300)	1600 (3500)	2600 (5700)	4950 (10900)	
*1450 (3100)	2200 (4900)	3500 (7800)	7000 (15400)	
1050 (2300)	1500 (3300)	2350 (5200)	4450 (9800)	
1700 (3800)	2150 (4700)	3400 (7500)	6800 (15000)	*3450 (7700)
1150 (2500)	1450 (3200)	2250 (5000)	4250 (9400)	*3450 (7700)
2150 (4700)	2150 (4800)	3350 (7400)	*6800 (15000)	*5600 (12300)
1450 (3100)	1450 (3200)	2250 (4900)	4250 (9400)	*5600 (12300)
*3050 (6800)		*3100 (6900)	*5050 (11200)	
2300 (5100)		2350 (5200)	4450 (9800)	

* Load is limited by hydraulic capacity rather than tipping.
Ratings are based on SAE Standard No. J1097. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

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PC120-3

Arm length 2000mm(6'8")

Unit: kg (lb)

B \ A		MAX ⊗	6.0 m (20')	4.5 m (15')	3.0 m (10')	1.5 m (5')
6.0 m (20')	Cf	*1650 (3600)		*2500 (5500)		
	Cs	*1650 (3600)		*2500 (5500)		
4.0 m (15')	Cf	*1500 (3300)		*2850 (6300)		
	Cs	*1500 (3300)		*2850 (6300)		
3.0 m (10')	Cf	*1550 (3400)	2400 (5300)	*3500 (7700)	*4850 (10700)	
	Cs	1400 (3100)	1650 (3700)	2750 (6100)	*4850 (10700)	
1.5 m (5')	Cf	*1650 (3700)	2300 (5100)	3700 (8200)	*6900 (15300)	
	Cs	1300 (2800)	1600 (3500)	2550 (5600)	4700 (10400)	
0.0 m (0')	Cf	1900 (4200)	2250 (5000)	3550 (7800)	*5750 (12700)	
	Cs	1300 (2900)	1550 (3400)	2400 (5300)	4450 (9800)	
-1.5 m (-5')	Cf	2150 (4800)	2200 (4900)	3450 (7700)	6950 (15300)	*4050 (8900)
	Cs	1450 (3300)	1500 (3300)	2350 (5200)	4400 (9700)	*4050 (8900)
-3.0 m (-10')	Cf	2900 (6400)		3500 (7800)	*6050 (13300)	*7400 (16300)
	Cs	2000 (4400)		2400 (5200)	4500 (9900)	*7400 (16300)

* Load is limited by hydraulic capacity rather than tipping.
Ratings are based on SAE Standard No. J1097. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

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PC150-3

Arm length 2610mm(8'7")

PC150LC-3

Arm length 2925mm(9'7") Unit:kg(lb)

B \ A		MAX	7.5m (25')	6.0m (20')	4.5m (15')	3.0m (10')	MAX	7.5M (25')	6.0M (20')	4.5M (15')	3.0M (10')
6.0m (20')	Cf	*1950 (4300)		*2500 (5600)			*1900 (4200)		*2500 (5500)		
	Cs	*1950 (4300)		2150 (4700)			*1900 (4200)		2300 (5000)		
4.5m (15')	Cf	*1900 (4200)		3350 (7400)			*1900 (4200)		3550 (7800)		
	Cs	1500 (3300)		2100 (4600)			1650 (3600)		2250 (5000)		
3.0m (10')	Cf	*2000 (4400)		3200 (7100)	*5150 (11300)	*8100 (17900)	*2000 (4400)		3850 (8500)	*5100 (11300)	*8100 (17900)
	Cs	1300 (2800)		2000 (4400)	3250 (7100)	6100 (13500)	1400 (3100)		2150 (4700)	3450 (7600)	6500 (14400)
1.5m (5')	Cf	2050 (4500)	2100 (4600)	3050 (6800)	4900 (10800)	*4100 (9000)	2250 (4900)	2500 (5500)	3700 (8100)	5900 (13000)	*4050 (8900)
	Cs	1200 (2600)	1200 (2700)	1850 (4100)	2900 (6400)	*4100 (9000)	1300 (2900)	1300 (2900)	2000 (4400)	3150 (6900)	*4050 (8900)
0m (0')	Cf	2100 (4700)		2950 (6500)	4650 (10300)	*5350 (11800)	2550 (5700)		3550 (7800)	5700 (12500)	*5350 (11800)
	Cs	1200 (2700)		1750 (3800)	2750 (6000)	5050 (11200)	1350 (3000)		1850 (4100)	2950 (6500)	5350 (11800)
-1.5m (-5')	Cf	2400 (5300)		2900 (6400)	4600 (10100)	*8500 (18800)	2900 (6400)			5600 (12400)	*8500 (18700)
	Cs	1400 (3100)		1700 (3800)	2700 (5900)	5100 (11300)	1500 (3300)			2900 (6400)	5500 (12100)
-3.0m (-10')	Cf	3100 (6800)			4650 (10300)	*7800 (17200)	3750 (8200)			5450 (12000)	*7800 (17100)
	Cs	1850 (4000)			2750 (6000)	5250 (11600)	2000 (4400)			2950 (6500)	5650 (12500)
-4.5m (-15')	Cf	*3350 (7400)				*4750 (10400)	*3350 (7400)				*4700 (10400)
	Cs	3350 (7400)				*4750 (10400)	3350 (7400)				*4700 (10400)

* Load is limited by hydraulic capacity rather than tipping.
Ratings are based on SAE Standard No. J1097. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

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PC150HD-3

Arm length 2100mm(6'11")

unit:kg(lb)

A / B	MAX		6.0m (20')		5.0m (16')		4.0m (13')		3.0m (10')		2.0m (7')	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
6.0m (20')	*1500 (3300)	*1500 (3300)										
4.5m (15')	*1450 (3200)	*1450 (3200)	*1500 (3400)	*1500 (3400)	*2850 (6300)	*2850 (6300)						
3.0m (10')	*1500 (3400)	*1500 (3400)	*3000 (6600)	2400 (5200)	*3350 (7400)	3200 (7100)	*3950 (8700)	*3950 (8700)	*5100 (11200)	*5100 (11200)	*8300 (18300)	*8300 (18300)
1.5m (5')	*1750 (3800)	*1750 (3800)	*3350 (7300)	2300 (5000)	*3950 (8700)	3050 (6700)	*5000 (11100)	4300 (9500)	*7250 (15900)	6800 (15000)		
0m (0')	*2150 (4700)	1900 (4200)	*3550 (7800)	2200 (4900)	*4350 (9600)	2900 (6400)	*5650 (12500)	4100 (9000)	*7150 (15800)	6500 (14400)	*3100 (6900)	*3100 (6900)
-1.5m (-5')	*3050 (6700)	2200 (4800)			*4350 (9500)	2850 (6300)	*5600 (12400)	4000 (8900)	*7550 (16600)	6500 (14300)	*5850 (12900)	*5850 (12900)
-3.0m (-10')	*3650 (8100)	2950 (6500)					*4800 (10600)	4050 (9000)	*6300 (13900)	*6300 (13900)	*8600 (19000)	*8600 (19000)

Arm length 2500mm(8'2")

6.0m (20')	*1200 (2600)	*1200 (2600)										
4.5m (15')	*1150 (2500)	*1150 (2500)	*1950 (4300)	*1950 (4300)	*2600 (5700)	*2600 (5700)						
3.0m (10')	*1200 (2600)	*1200 (2600)	*2800 (6200)	2400 (5300)	*3100 (6800)	*3100 (6800)	*3550 (7800)	*3550 (7800)				
1.5m (5')	*1350 (3000)	*1350 (3000)	*3200 (7000)	2300 (5100)	*3750 (8300)	3050 (6800)	*4750 (10400)	4350 (9600)	*6700 (14800)	*6700 (14800)		
0m (0')	*1650 (3600)	*1650 (3600)	*3500 (7700)	2200 (4900)	*4250 (9400)	2900 (6400)	*5500 (12200)	4100 (9100)	*7550 (16600)	6550 (14400)	*3250 (7200)	*3250 (7200)
-1.5m (-5')	*2250 (4900)	1950 (4300)	*3500 (7700)	2150 (4800)	*4400 (9700)	2850 (6300)	*5650 (12500)	4000 (8800)	*7750 (17100)	6450 (14200)	*5300 (11700)	*5300 (11700)
-3.0m (-10')	*3450 (7600)	2550 (5600)			*3900 (8600)	2850 (6300)	*5100 (11200)	4050 (8900)	*6750 (14900)	6500 (14400)	*7950 (17500)	*7950 (17500)
-4.5m (15')	*3600 (7900)	*3600 (7900)							*4450 (9800)	*4450 (9800)		

* Load is limited by hydraulic capacity rather than tipping. Ratings are based on SAE Standard No. J 1097.
Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

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PC150NHD-3

Arm length 2100mm(6'11")

unit:kg(lb)

A / B	MAX		6.0m(20')		5.0m(16')		4.0m(13')		3.0m(10')		2.0m(7')	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
6.0m (20')	*1850 (4100)	*1850 (4100)										
4.5m (15')	*1800 (3900)	*1800 (3900)	*1850 (4100)	*1850 (4100)	*3450 (7600)	3100 (6800)						
3.0m (10')	*1850 (4100)	*1850 (4100)	*3650 (8100)	2200 (4800)	*4050 (8900)	2950 (6500)	*4700 (10400)	4200 (9300)	*6050 (13400)	*6050 (13400)	*9800 (21600)	*9800 (21600)
1.5m (5')	*2100 (4700)	1750 (3800)	3950 (6800)	2100 (4600)	*4750 (10500)	2800 (6100)	*6050 (13300)	3900 (8600)	*8650 (19100)	6050 (13300)		
0m (0')	*2600 (5700)	1750 (3900)	3900 (8600)	2000 (4400)	5200 (11400)	2650 (5800)	*6800 (15000)	3700 (8100)	*8350 (18400)	5700 (12700)	*3700 (8200)	*3700 (8200)
-1.5m (-5')	*3650 (8000)	2000 (4400)			5100 (11300)	2600 (5700)	*6750 (14900)	3600 (8000)	*9050 (19900)	5750 (12600)	*6850 (15100)	*6850 (15100)
-3.0m (-10')	*4500 (9900)	2700 (5900)					*5800 (12800)	3650 (8100)	*7600 (16800)	5800 (12800)	*10350 (22900)	*10350 (22900)

Arm length 2500mm(8'2")

6.0m (20')	*1450 (3200)	*1450 (3200)										
4.5m (15')	*1400 (3100)	*1400 (3100)	*2350 (5200)	2250 (5000)	*3100 (6800)	*3100 (6800)						
3.0m (10')	*1450 (3200)	*1450 (3200)	*3400 (7500)	2200 (4800)	*3700 (8200)	2950 (6500)	*4250 (9400)	*4250 (9400)				
1.5m (5')	*1650 (3600)	1550 (3400)	*3850 (8500)	2050 (4600)	*4500 (9900)	2750 (6100)	*5650 (12400)	3900 (8600)	*7950 (17600)	6150 (13500)		
0m (0')	*1950 (4400)	1550 (3500)	3850 (8500)	2000 (4400)	*5100 (11200)	2600 (5800)	*6600 (14500)	3650 (8100)	*8750 (19300)	5750 (12600)	*3850 (8400)	*3850 (8400)
-1.5m (-5')	*2650 (5900)	1750 (3900)	3800 (8400)	1950 (4300)	5050 (11200)	2550 (5600)	*6750 (14900)	3550 (7900)	*9200 (20300)	5650 (12400)	*6150 (13600)	*6150 (13600)
-3.0m (-10')	*4150 (9200)	2250 (5000)			*4700 (10400)	2550 (5600)	*6100 (13400)	3600 (7900)	*8100 (17800)	5700 (12600)	*9200 (20300)	*9200 (20300)
-4.5m (15')	*4400 (9700)	4350 (9600)							*5350 (11800)	*5350 (11800)		

Notes:
1. Ratings are based on DIN 15019.
2. Lifting capacities shown include a safety margin of 25%.
3. Capacities marked with an asterisk(*) are limited by hydraulic capacities.
4. Lifting capacities assume the machine is standing level on a firm,uniform supporting surface.
5. The load point is in an optional hook located on back of the bucket.

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PC180LC-3

Arm length 1850mm(6'1")

A / B		⊕		7.5m (25′)		6.0m (20′)		4.5m (15′)		3.0m (10′)		1.5m (5′)	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
6.0m 20′	kg lb	* 4050 8900	3650 8000										
4.5m 15′	kg lb	* 3950 8700	2700 6000			* 4000 8900	3000 6600	* 4700 10400	* 4700 10400				
3.0m 10′	kg lb	3700 8100	2300 5100			* 4350 9600	2850 6300	* 5700 12600	4500 9900				
1.5m 5′	kg lb	3500 7700	2150 4800			4400 9700	2700 6000	* 6550 14400	4200 9300				
0	kg lb	3650 8000	2200 4900			4300 9500	2650 5800	* 6750 14900	4050 8900				
−1.5m −5′	kg lb	4200 9200	2550 5700			4300 9500	2600 5800	* 6300 13900	4050 8900	* 8850 19600	7900 17500		
−3.0m 10′	kg lb	4350 9600	3550 7800					5000 11000	4150 9100	* 6950 15300	* 6950 15300		

Arm length 2250mm(7'5")

6.0m 20′	kg lb	* 2250 4900	* 2250 4900										
4.5m 15′	kg lb	* 2250 4900	* 2250 4900			* 3700 8200	3050 6700						
3.0m 10′	kg lb	* 2400 5300	2100 4600			* 4150 9100	2900 6400	* 5300 11700	4600 10100	* 8350 18400	* 8350 18400		
1.5m 5′	kg lb	* 2750 6000	1950 4300			* 4400 9700	2750 6000	* 6300 13800	4250 9400	* 5400 11900	* 5400 11900		
0	kg lb	3250 7200	2000 4400			4300 9500	2650 5800	* 6750 14900	4050 8900	* 6650 14600	* 6650 14600		
−1.5m −5′	kg lb	3700 8100	2250 5000			4250 9400	2600 5700	* 6550 14500	4000 8800	* 9650 21300	7800 17200		
−3.0m −10′	kg lb	* 4250 9400	2950 6500					* 5600 12300	4050 9000	* 8000 17600	7950 17600		
−4.5m −15′	kg lb	* 3900 8600	3900 8600							* 4750 10500	* 4750 10500		

* Load is limited by hydraulic capacity rather than tipping.
Ratings are based on SAE Standard No. J1097. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

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PC180LC-3

Arm length 2610mm(8'7")

A / B		⊖		7.5m (25′)		6.0m (20′)		4.5m (15′)		3.0m (10′)		1.5m (5′)	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
6.0m 20′	kg lb	* 1600 3500	* 1600 3500			* 2550 5600	* 2550 5600						
4.5m 15′	kg lb	* 1600 3500	* 1600 3500			* 3400 7500	3000 6700						
3.0m 10′	kg lb	* 1700 3700	* 1700 3700	* 2150 4800	1900 4200	* 3850 8500	2850 6300	* 4850 10700	4600 10200	* 7450 16400	* 7450 16400		
1.5m 5′	kg lb	* 1900 4200	1750 3800	* 2900 6400	1850 4000	* 4300 9500	2700 5900	* 5900 13000	4200 9300	* 6950 15400	* 6950 15400		
0	kg lb	* 2300 5100	1750 3900	* 2450 5400	1750 3900	4200 9300	2550 5600	* 6500 14400	3950 8800	* 6650 14600	* 6650 14600		
−1.5m −5′	kg lb	* 3100 6900	1950 4300			4150 9200	2500 5500	* 6450 14300	3900 8600	* 8950 19700	7600 16800	* 5250 11600	* 5250 11600
−3.0m −10′	kg lb	* 3850 8500	2500 5500			* 3950 8700	2500 5600	* 5750 12600	3900 8600	* 8400 18500	7750 17100	* 7950 17500	* 7950 17500
−4.5m −15′	kg lb	* 3750 8300	* 3750 8300							* 5600 12400	* 5600 12400		

Arm length 2900mm(9'6")

6.0m 20′	kg lb	* 1350 3000	* 1350 3000			* 2600 5700	* 2600 5700						
4.5m 15′	kg lb	* 1350 3000	* 1350 3000	* 1350 3000	* 1350 3000	* 3150 7000	3050 6700						
3.0m 10′	kg lb	* 1400 3100	* 1400 3100	* 2600 5700	1900 4200	* 3650 8000	2850 6300	* 4550 10000	* 4550 10000				
1.5m 5′	kg lb	* 1600 3500	* 1600 3500	3000 6600	1800 4000	* 4150 9100	2650 5900	* 5650 12500	4250 9300	* 8500 18900	8050 17800		
0	kg lb	* 1900 4200	1600 3600	2900 6500	1750 3800	4200 9300	2500 5500	* 6350 14000	3950 8700	* 6750 14900	* 6750 14900	* 2550 5700	* 2550 5700
−1.5m −5′	kg lb	* 2500 5500	1750 3900			4100 9100	2450 5400	* 6450 14200	3800 8400	* 8500 18700	7500 16500	* 4800 10600	* 4800 10600
−3.0m −10′	kg lb	* 3650 8000	2200 4900			* 4100 9000	2450 5400	* 5850 12900	3850 8400	* 8700 19200	7600 16700	* 7200 15900	* 7200 15900
−4.5m −15′	kg lb	* 3650 8000	3450 7600					* 4200 9300	4000 8800	* 6250 13800	* 6250 13800	* 9850 21700	* 9850 21700

* Load is limited by hydraulic capacity rather than tipping.
Ratings are based on SAE Standard No. J1097. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

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PC180NLC-3

Arm length 1850mm(6'1")

unit:kg(lb)

A / B	MAX		7.5m(25')		6.0m(20')		4.5n(15')		3.0n(10')		1.5m(5')	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
6.0m (20')	*4850 (10600)	3350 (7400)										
4.5m (15')	4500 (9900)	2450 (5400)			*4850 (10700)	2750 (6000)	*5650 (12400)	4450 (9900)				
3.0m (10')	3900 (8600)	2100 (4600)			4800 (10600)	2600 (5700)	*6800 (15000)	4100 (9100)				
1.5m (5')	3700 (8200)	1950 (4300)			4650 (10200)	2450 (5400)	7400 (16300)	3800 (8400)				
0m (0')	3850 (8500)	2000 (4400)			4550 (10000)	2350 (5200)	7200 (15900)	3650 (8000)				
- 1.5m (- 5')	4400 (9800)	2300 (5100)			4550 (10000)	2350 (5200)	7200 (15900)	3650 (8000)	*10650 (23400)	7000 (15400)		
- 3.0m (- 10')	*5300 (11700)	3200 (7100)					*6050 (13300)	3750 (8300)	*8350 (18500)	7200 (15800)		

Arm length 2250mm(7'5")

6.0m (20')	*2600 (5800)	*2600 (5800)										
4.5m (15')	*2600 (5800)	2150 (4700)			*4350 (9600)	2700 (6000)						
3.0m (10')	*2800 (6200)	1800 (4000)			4800 (10500)	2550 (5700)	*6200 (13700)	4150 (9100)	*9750 (21500)	7800 (17200)		
1.5m (5')	*3200 (7000)	1700 (3700)			4600 (10100)	2400 (5300)	*7350 (16200)	3750 (8300)	*6250 (13800)	*6250 (13800)		
0m (0')	3350 (7400)	1700 (3800)			4450 (9800)	2250 (5000)	7100 (15600)	3500 (7800)	*7700 (16900)	6650 (14600)		
- 1.5m (- 5')	3800 (8400)	1950 4300)			4400 (9700)	2200 (4900)	7000 (15500)	3450 (7600)	*11300 (24900)	6650 (14700)		
- 3.0m (- 10')	5000 (11000)	2550 (5600)					*6600 (14500)	3550 (7800)	*9350 (20700)	6850 (15100)		
- 4.5m (15')	*4650 (10200)	*4650 (10200)							*5650 (12400)	5650 (12400)		

Notes:
1. Ratings are based on DIN 15019.
2. Lifting capacities shown include a safety margin of 25%.
3. Capacities marked with an asterisk(*) are limited by hydraulic capacities.
4. Lifting capacities assume the machine is standing level on a firm,uniform supporting surface.
5. The load point is in an optional hook located on back of the bucket.

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Lifting Capacity

PC180NLC-3

Arm length 2610mm(8'7")

unit:kg(lb)

A / B	MAX		7.5m(25')		6.0m(20')		4.5m(15')		3.0m(10')		1.5m(5')	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
6.0m (20')	*1950 (4400)	*1950 (4400)			*3050 (6700)	2850 (6300)						
4.5m (15')	*1950 (4300)	1950 (4300)			*4100 (9100)	2750 (6100)						
3.0m (10')	*2100 (4600)	1650 (3700)	*2600 (5800)	1700 (3800)	*4650 (10200)	2600 (5700)	*5850 (12900)	4200 (9300)	*8850 (19500)	8100 (17900)		
1.5m (5')	*2350 (5100)	1550 (3400)	3200 (7000)	1650 (3600)	4600 (10200)	2400 (5300)	*7100 (15700)	3800 (8400)	*8100 (17900)	7050 (15500)		
0m (0')	*2800 (6200)	1550 (3400)	*2950 (6500)	1550 (3500)	4450 (9800)	2300 (5000)	7150 (15700)	3550 (7800)	*7750 (17100)	6650 (14700)		
-1.5m (-5')	3450 (7600)	1750 (3800)			4400 (9700)	2200 (4900)	7000 (15500)	3450 (7600)	*10400 (22900)	6650 (14700)		
-3.0m (-10')	4350 (9600)	2200 (4900)			4450 (9800)	2250 (5000)	*6950 (15300)	3500 (7700)	*10100 (22300)	6800 (15000)		
-4.5m (-15')	*4650 (10300)	3750 (8300)							*6850 (15100)	*6850 (15100)		

Arm length 2900mm(9'6")

6.0m (20')	*1650 (3700)	*1650 (3700)			*3100 (6900)	2900 (6400)						
4.5m (15')	*1650 (3600)	*1650 (3600)	*1700 (3800)	*1700 (3800)	*3850 (8500)	2800 (6100)						
3.0m (10')	*1750 (3800)	1500 (3300)	*3100 (6800)	1700 (3800)	*4400 (9700)	2600 (5700)	*5500 (12100)	4250 (9400)				
1.5m (5')	*1950 (4300)	1400 (3100)	3150 (7000)	1600 (3500)	*4600 (10200)	2400 (5300)	*6800 (15000)	3800 (8400)	*9950 (22000)	7100 (15700)		
0m (0')	*2300 (5100)	1400 (3100)	3100 (6800)	1550 (3400)	4400 (9800)	2250 (5000)	7100 (15700)	3500 (7800)	*7900 (17400)	6600 (14600)		
-1.5m (-5')	*2950 (6600)	1550 (3500)			4350 (9600)	2150 (4800)	6950 (15300)	3400 (7500)	*9900 (21800)	6550 (14400)		
-3.0m (-10')	*3900 (8600)	1950 (4300)			4350 (9600)	2200 (4800)	6950 (15400)	3400 (7500)	*10500 (23100)	6650 (14600)		
-4.5m (-15')	*4500 (9900)	3100 (6900)					*5150 (11400)	3600 (7900)	*76500 (16800)	6950 (15300)		

Notes:
1. Ratings are based on DIN 15019.
2. Lifting capacities shown include a safety margin of 25%.
3. Capacities marked with an asterisk(*) are limited by hydraulic capacities.
4. Lifting capacities assume the machine is standing level on a firm,uniform supporting surface.
5. The load point is in an optional hook located on back of the bucket.

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PC180LLC-3

Arm length 1850mm(6'1")

A / B		⊗		7,5 m (25')		6,0 m (20')		4,5 m (15')		3,0 m (10')		1,5 m (5')	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
6,0 m	**kg**	*4800	4500										
20'	**lb**	10600	9900										
4,5 m	**kg**	*4750	3400			*4850	3750	*5700	*5700				
15'	**lb**	10500	7500			10700	8300	12600	12500				
3,0 m	**kg**	*4800	2950			*5250	3650	*6850	5700				
10'	**lb**	10600	6500			11600	8000	15100	12500				
1,5 m	**kg**	4700	2800			*5700	3500	*7850	5400				
5'	**lb**	10400	6200			12600	7700	17300	11900				
0	**kg**	4900	2900			5800	3400	*8100	5200				
	lb	10800	6400			12800	7500	17900	11500				
−1,5 m	**kg**	*5300	3350			*5400	3400	*7550	5200	*10550	10400		
−5'	**lb**	11700	7400			11900	7500	16600	11500	23300	22900		
−3,0 m	**kg**	*5300	4650					*5950	5350	*8200	*8200		
−10'	**lb**	11700	10300					13100	11800	18100	18100		

Arm length 2250mm (7'5")

6,0 m	**kg**	*2600	*2600			*2650	*2650						
20'	**lb**	5700	5700			5800	5800						
4,5 m	**kg**	*2650	*2650			*4400	3800						
15'	**lb**	5800	5800			9700	8400						
3,0 m	**kg**	*2850	2600			*4900	3500	*6300	5750	*9950	*9950		
10'	**lb**	5300	5700			10800	7700	13900	12700	22000	22000		
1,5 m	**kg**	*3250	2450			*5400	3450	*7400	5350	*6250	*6250		
5'	**lb**	7200	5400			11900	7600	16300	11800	13700	13700		
0	**kg**	*4000	2550			*5700	3300	*7950	5100	*7850	*7850		
	lb	8800	5600			12600	7300	17500	11300	17300	17300		
−1,5 m	**kg**	*4900	2850			*5500	3250	*7700	5050	*11300	10100	*7200	*7200
−5'	**lb**	10800	6300			12100	7200	17000	11200	24900	22200	15900	15900
−3,0 m	**kg**	*5050	3800					*6550	5150	*9300	*9300	*10850	*10850
−10'	**lb**	11100	8400					14400	11300	20500	20500	24000	24000
−4,5 m	**kg**	*4600	*4600							*5400	*5400		
−15'	**lb**	10100	10100							11900	11900		

Notes: *1. Ratings are based on DIN 15019.*
2. Lifting capacities shown include a safety margin of 25%.
3. An asterisk(*) are limited by hydraulic capacities.
4. Lifting capacities assume the machine is standing level on a firm, uniform supporting surface.
5. The load point is an optional hook located on back of the bucket.

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Arm length 2610mm(8'7")

A / B		⊕		7,5 m (25')		6,0 m (20')		4,5 m (15')		3,0 m (10')		1,5 m (5')	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
6,0 m	**kg**	*1950	*1950			*3150	*3150						
20'	**lb**	4300	4300			6900	6900						
4,5 m	**kg**	*1950	*1950			*4150	3800						
15'	**lb**	4300	4300			9100	8400						
3,0 m	**kg**	*2100	*2100	*2650	2450	*4650	3650	*5900	5850	*9000	*9000		
10'	**lb**	4600	4600	5800	5400	10300	8000	13000	12900	19900	19900		
1,5 m	**kg**	*2350	2250	*3500	2400	*5250	3450	*7150	5400	*7950	*7950		
5'	**lb**	5200	5000	7700	5300	11600	7600	15800	11900	17500	17500		
0	**kg**	*2850	2300	*2900	2300	*5650	3300	*7850	5150	*7850	*7850		
	lb	6300	5100	6400	5100	12500	7300	17300	11300	17300	17300		
–1,5 m	**kg**	*3800	2600			*5600	3250	*7800	5050	*10550	10000	*6300	*6300
–5'	**lb**	8400	5700			12300	7200	17200	11100	23300	22000	13900	13900
–3,0m	**kg**	*4750	3300			*4750	3300	*6850	5100	*10000	*10000	*9400	*9400
–10'	**lb**	10500	7300			10500	7300	15200	11300	22000	22000	20700	20700
–4,5m	**kg**	*4650	*4650							*6650	*6650		
–15'	**lb**	10300	10300							14700	14700		

Arm length 2900mm(9'6")

6,0 m	**kg**	*1650	*1650			*3200	*3200						
20'	**lb**	3600	3600			7100	7100						
4,5 m	**kg**	*1650	*1650	*1800	*1800	*3900	3800						
15'	**lb**	3600	3600	4000	4000	8600	8400						
3,0 m	**kg**	*1750	*1750	*3150	2450	*4450	3650	*5550	*5550	*8200	*8200		
10'	**lb**	3900	3900	6900	5400	9800	8000	12200	12200	18100	18100		
1,5 m	**kg**	*1950	*1950	*4000	2350	*5050	3400	*6850	5400	*9600	*9600		
5'	**lb**	4300	4300	8800	5200	11100	7500	15100	11900	21200	21200		
0	**kg**	*2350	2150	4000	2300	*5500	3250	*7700	5100	*7950	*7950	*3200	*3200
	lb	5200	4700	8800	5100	12100	7200	16900	11200	17500	17500	7100	7100
–1,5 m	**kg**	*3050	2350			*5550	3200	*7750	4950	*10000	9900	*5750	*5750
–5'	**lb**	6700	5200			12200	7100	17100	11000	22000	21800	12700	12700
–3 0m	**kg**	*4500	2950			*4950	3200	*7050	5000	*10400	10000	*8550	*8550
–10'	**lb**	9900	6500			10900	7100	15500	11000	22900	22000	18900	18900
–4,5 m	**kg**	*4500	*4500					*5000	*5200	*7450	*7450		
–15'	**lb**	9900	9900					11000	11500	16400	16400		

Notes: *1. Ratings are based on DIN 15019.*
2. Lifting capacities shown include a safety margin of 25%.
3. Capacities marked with an asterisk(*) are limited by hydraulic capacities.
4. Lifting capacities assume the machine is standing level on a firm, uniform supporting surface.
5. The load point is in an optional hook located on back of the bucket.

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PC200-3

Arm length 2925mm(9'7")

Unit: kg (lb)

B \ A		MAX ⊕	7.5 m (25')	6.0 m (20')	4.5 m (15')	3.0 m (10')
6.0 m (20')	Cf	*2300 (5100)				
	Cs	*2300 (5100)				
4.5 m (15')	Cf	*2300 (5100)	*3500 (7700)	*3600 (8000)		
	Cs	2050 (4500)	2350 (5100)	3500 (7700)		
3.0 m (10')	Cf	*2400 (5300)	3550 (7800)	*4400 (9700)	*5500 (12200)	*8950 (19800)
	Cs	1800 (4000)	2250 (4900)	3250 (7200)	5150 (11300)	*8950 (19800)
1.5 m (5')	Cf	*2650 (5900)	3450 (7600)	4900 (10800)	*7100 (15600)	*4800 (10600)
	Cs	1700 (3800)	2100 (4700)	3050 (6700)	4650 (10300)	*4800 (10600)
0.0 m (0')	Cf	2850 (6300)	3350 (7400)	4700 (10400)	7350 (16200)	*5800 (12800)
	Cs	1750 (3800)	2050 (4500)	2900 (6300)	4400 (9700)	*5800 (12800)
-1.5 m (-5')	Cf	3100 (6900)	3300 (7300)	4600 (10200)	7250 (16000)	*8550 (19000)
	Cs	1900 (4200)	2000 (4400)	2800 (6200)	4250 (9400)	8600 (18900)
-3.0 m (-10')	Cf	3700 (8200)		4600 (10200)	7250 (15000)	*12850 (28300)
	Cs	2250 (5000)		2800 (6200)	4300 (9500)	8750 (19200)
-4.5 m (-15')	Cf	5400 (11900)			*7450 (16500)	*11150 (24600)
	Cs	3300 (7300)			4450 (9900)	9050 (20000)

* Load is limited by hydraulic capacity rather than tipping.
Ratings are based on SAE Standard No. J1097. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

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PC200-3 Arm length 2925mm (9'7")+1130mm(3'8")

unit: kg (lb)

A / B	MAX		9.1 m (30')		7.6 m (25')		6.1 m (20')		4.6 m (15')		3.0 m (10')	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.6 m (25')	*1350 (3000)	*1350 (3000)			*1500 (3300)	*1500 (3300)						
6.1 m (20')	*1300 (2800)	*1300 (2800)			*2300 (5100)	*2300 (5100)						
4.6 m (15')	*1300 (2800)	*1300 (2800)	*1500 (3300)	*1500 (3300)	*2600 (5700)	2300 (5100)						
3.0 m (10')	*1350 (2900)	1300 (2900)	*2200 (4800)	1450 (3200)	*3050 (6700)	2150 (4800)	*3300 (7300)	3250 (7200)				
1.5 m (5')	*1450 (3200)	1250 (2700)	2400 (5300)	1400 (3100)	3350 (7400)	2000 (4500)	*4250 (9300)	3000 (6600)	*5600 (12400)	4750 (10500)	*9550 (21100)	9500 (20900)
0 m (0')	*1700 (3700)	1250 (2700)	2350 (5200)	1350 (2900)	3200 (7100)	1900 (4200)	46(□, (10100)	2750 (6100)	*7050 (15600)	4300 (9500)	*6850 (15100)	*6850 (15100)
-1.5 m (-5')	*2050 (4500)	1300 (2900)			3100 (6800)	1800 (4000)	4450 (9800)	2600 (5700)	7050 (15500)	4050 (9000)	*7700 (16900)	*7700 (16900)
-3.0 m (-10')	*2650 (5900)	1550 (3400)			3050 (6800)	1750 (3900)	4350 (9600)	2550 (5600)	6950 (15300)	4000 (8800)	*10050 (22100)	8250 (18100)
-4.6 m (-15')	3450 (7700)	2050 (4500)					4400 (9700)	2600 (5700)	7050 (15500)	4050 (9000)	*12500 (27500)	8450 (18600)
-6.1 m (-20')	*5350 (11800)	3350 (7400)							*6600 (14500)	4300 (9500)	*10200 (22500)	8850 (19500)

Arm length 2400mm(7'8")

6.1 m (20')	*3350 (7400)	2800 (6200)					*3650 (8100)	3600 (7900)				
4.6 m (15')	*3350 (7400)	2250 (5000)			3650 (8000)	2300 (5100)	*4050 (8900)	3450 (7600)				
3.0 m (10')	3200 (7000)	2000 (4400)			3550 (7800)	2250 (4900)	*4800 (10600)	3250 (7100)	*6150 (13500)	5000 (11100)		
1.5 m (5')	3050 (6800)	1900 (4200)			3450 (7600)	2150 (4700)	4850 (10700)	3050 (6700)	*7600 (16700)	4600 (10100)		
0 m (0')	3150 (6900)	1950 (4300)			3400 (7400)	2050 (4600)	4700 (10400)	2900 (6400)	7350 (16200)	4350 (9600)	*4700 (10400)	*4700 (10400)
-1.5 m (-5')	3450 (7600)	2100 (4700)					4650 (10300)	2850 (6300)	7250 (16000)	4300 (9500)	*9000 (19800)	8650 (19100)
-3.0 m (-10')	4250 (9300)	2600 (5700)					4700 (10400)	2900 (6400)	7350 (16200)	4350 (9600)	*12500 (27500)	8850 (19500)
-4.6 m (-15')	*6100 (13500)	4100 (9100)							*6800 (15000)	4650 (10200)	*10100 (22300)	9250 (20500)

* Load is limited by hydraulic capacity rather than tipping.
Ratings are based on SAE Standard No. J1097. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

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PC200LC-3 Arm 1rngth 2925mm(9'7")

Unit: kg :(1b)

B \ A		MAX	7.5 m (25')	6.0 m (20')	4.5 m (15')	3.0 m (10')
6.0 m (20')	Cf	*2300 (5100)				
	Cs	*2300 (5100)				
4.5 m (15')	Cf	*2300 (5100)	*3500 (7700)	*3600 (8000)		
	Cs	*2300 (5100)	2750 (6100)	*3600 (8000)		
3.0 m (10')	Cf	*2400 (5300)	*3900 (8600)	*4400 (9700)	*5500 (12200)	*8950 (19800)
	Cs	2150 (4800)	2650 (5900)	3850 (8500)	*5500 (12200)	*8950 (19800)
1.5 m (5')	Cf	*2650 (5900)	4300 (9500)	*5200 (11500)	*7100 (15600)	*4800 (10600)
	Cs	2050 (4600)	2550 (5600)	3600 (8000)	5550 (12300)	*4800 (10600)
0.0 m (0')	Cf	*3050 (6800)	4200 (9300)	*5900 (13000)	*8200 (18000)	*5800 (12800)
	Cs	2100 (4600)	2450 (5400)	3450 (7600)	5250 (11600)	*5800 (12800)
-1.5 m (-5')	Cf	*3800 (8400)	4150 (9200)	5850 (12900)	*8650 (19100)	*8650 (19000)
	Cs	2300 (5000)	2400 (5300)	3350 (7400)	5150 (11400)	*8650 (19000)
-3.0 m (-10')	Cf	4650 (10300)		5850 (12900)	*8550 (18800)	*12850 (28300)
	Cs	2750 (6000)		3400 (7500)	5200 (11400)	10700 (23600)
-4.5 m (-15')	Cf	*5800 (12800)			*7450 (16500)	*11150 (24600)
	Cs	3950 (8700)			5350 (11800)	11050 (24300)

* Load is limited by hydraulic capacity rather than tipping.
Ratings are based on SAE Standard No. J1097. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

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PC200LC-3

Arm length 2925mm(9'7")+1130mm(3'8")

unit: kg (lb)

A / B	MAX		9.1 m (30')		7.6 m (25')		6.1 m (20')		4.6 m (15')		3.0 m (10')	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.6 m (25')	*1350 (3000)	*1350 (3000)			*1500 (3300)	*1500 (3300)						
6.1 m (20')	*1300 (2800)	*1300 (2800)			*2300 (5100)	*2300 (5100)						
4.6 m (15')	*1300 (2800)	*1300 (2800)	*1500 (3300)	*1500 (3300)	*2600 (5700)	*2600 (5700)						
3.0 m (10')	*1350 (2900)	*1350 (2900)	*2200 (4800)	1800 (4000)	*3050 (6700)	2600 (5700)	*3300 (7300)	*3300 (7300)				
1.5 m (5')	*1450 (3200)	*1450 (3200)	*2550 (5700)	1750 (3800)	*3550 (7800)	2450 (5400)	*4250 (9300)	3600 (7900)	*5600 (12400)	*5600 (12400)	*9550 (21100)	*9500 (21100)
0 m (0')	*1700 (3700)	1550 (3400)	*2650 (5800)	1650 (3700)	*4050 (9000)	2300 (5100)	*5100 (11200)	3350 (7400)	*7050 (15600)	5200 (11500)	*6850 (15100)	*6850 (15100)
-1.5 m (-5')	*2050 (4500)	1650 (3700)			3950 (8700)	2200 (4900)	5650 (12500)	3200 (7000)	*8000 (17600)	4950 (10900)	*7700 (16900)	*7700 (16900)
-3.0 m (-10')	*2650 (5900)	1900 (4200)			3950 (8700)	2200 (4800)	5550 (12300)	3100 (6900)	*8350 (18400)	4900 (10800)	*10050 (22100)	*10050 (22100)
-4.6 m (-15')	*4150 (9200)	2500 (5500)					5650 (12400)	3150 (7000)	*8000 (17700)	4950 (10900)	*12500 (27500)	10400 (22900)
-6.1 m (-20')	*5350 (11800)	4050 (9000)							*6600 (14500)	5200 (11400)	*10200 (22500)	*10200 (22500)

Arm length 2400mm(7'10")

6.1 m (20')	*3350 (7400)	3300 (7200)					*3650 (8100)	*3650 (8100)				
4.6 m (15')	*3350 (7400)	2700 (5900)			*3700 (8200)	2750 (6100)	*4050 (8900)	4050 (8900)				
3.0 m (10')	*3500 (7800)	2400 (5300)			*4200 (9300)	2650 (5900)	*4800 (10600)	3800 (8400)	*6150 (13500)	5900 (13100)		
1.5 m (5')	*3850 (8500)	2300 (5000)			4300 (9500)	2550 (5700)	*5550 (12200)	3600 (8000)	*7600 (16700)	5500 (12100)		
0 m (0')	3950 (8700)	2350 (5100)			4250 (9300)	2500 (5500)	5950 (13100)	3450 (7600)	*8450 (18700)	5250 (11600)	*4700 (10400)	*4700 (10400)
-1.5 m (-5')	4350 (9600)	2550 (5600)					5850 (13000)	3400 (7500)	*8750 (19300)	5200 (11400)	*9000 (19800)	*9000 (19800)
-3.0 m (-10')	5300 (11700)	3150 (6900)					5950 (13100)	3450 (7600)	*8400 (18500)	5250 (11600)	*12500 (27500)	10800 (23800)
-4.6 m (-15')	*6100 (13500)	4900 (10800)							*6800 (15000)	5500 (12200)	*10100 (22300)	10100 (22300)

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Ratings are based on SAE Standard No. J1097. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

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Arm length 1800 mm (5'11")

unit : kg (lb)

A / B	MAX		7.5 m (25')		6.0 m (20')		4.5 m (15')		3.0 m (10')	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
6.0 m (20')	4050 (9000)	3400 (7500)			*4150 (9200)	3800 (8400)				
4.5 m (15')	*4050 (8900)	2700 (6000)			*4550 (10000)	3700 (8100)	*5350 (11800)	*5350 (11800)		
3.0 m (10')	3800 (8300)	2400 (5300)	3800 (8400)	2400 (5300)	*5200 (11500)	3500 (7700)	*6950 (15900)	5350 (11800)		
1.5 m (5')	3650 (8300)	2300 (5200)	3700 (8200)	2350 (5200)	5250 (11600)	3300 (7300)	8200 (18100)	4950 (11000)		
0 m (0')	3750 (8300)	2350 (5200)			5150 (11300)	3200 (7000)	8050 (17800)	4800 (10600)		
-1.5 m (-5')	4250 (9300)	2650 (5800)			5100 (11300)	3150 (7000)	8050 (17800)	4850 (10700)	*9900 (21800)	9500 (20900)
-3.0 m (-10')	5450 (12000)	3400 (7500)					*8150 (17900)	4950 (11000)	*11450 (25300)	9700 (21400)

Arm length 2400 mm(7'10")

unit : kg (lb)

6.0 m (20')	*3350 (7400)	2900 (6400)			*3600 (8000)	*3600 (8000)				
4.5 m (15')	*3350 (7300)	2400 (5300)	*3850 (8500)	2550 (5600)	*4050 (8900)	3750 (8300)				
3.0 m (10')	3350 (7400)	2150 (4700)	3850 (8500)	2450 (5400)	*4880 (10500)	3550 (7800)	*6200 (13700)	5500 (12200)		
1.5 m (5')	3250 (7200)	2050 (4500)	3750 (8200)	2350 (5200)	5300 (11700)	3300 (7300)	7700 (17000)	5050 (11100)		
0 m (0')	3350 (7400)	2050 (4600)	3650 (8000)	2250 (5000)	5100 (11300)	3150 (7000)	8050 (17700)	4800 (10600)	*4650 (10300)	*4650 (10300)
-1.5 m (-5')	3650 (8100)	2250 (5000)			5050 (11200)	3100 (6900)	8000 (17600)	4750 (10500)	*8950 (19700)	*8950 (19700)
-3.0 m (-10')	4500 (9900)	2800 (6200)			5100 (11300)	3150 (7000)	8100 (17800)	4850 (10700)	*12400 (27300)	9450 (20800)
-4.5 m (15')	*6000 (13200)	4200 (9300)					*7050 (15600)	5050 (11200)	*10200 (22500)	9850 (21700)

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PC210-3 Arm length 2925mm (9'7")

unit : kg (lb)

A / B	MAX		7.5 m (25')		6.0 m (20')		4.5 m (15')		3.0 m (10')	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
6.0 m (20')	*2250 (5000)	*2250 (5000)								
4.5 m (15')	*2250 (5000)	2150 (4800)	*3450 (7600)	2550 (5600)	*3600 (8000)	3600 (8000)				
3.0 m (10')	*2400 (5300)	1900 (4200)	*3850 (8500)	2450 (5400)	*4350 (9600)	3550 (7900)	*5550 (12200)	*5550 (12200)	*8850 (19500)	*8850 (19500)
1.5 m (5')	*2600 (5800)	1850 (4000)	3700 (8200)	2300 (5100)	*5200 (11500)	3350 (7300)	*7200 (15800)	5150 (11300)	*4750 (10500)	4750 (10500)
0 m (0')	*3000 (6700)	1850 (4100)	3600 (8000)	2250 (4900)	5100 (11300)	3150 (7000)	8100 (17800)	4850 (10700)	*5750 (12700)	*5750 (12700)
-1.5 m (-5')	3300 (7300)	2000 (4500)	3550 (7900)	2200 (4800)	5000 (11100)	3050 (6800)	7950 (17500)	4750 (10400)	*8600 (19000)	*8600 (19000)
-3.0 m (-10')	3950 (8700)	2400 (5300)			5000 (11100)	3100 (6800)	8000 (17600)	4750 (10500)	*12800 (28200)	9350 (20600)
-4.5 m (15')	5550 (12200)	3400 (7600)					*7650 (16900)	4900 (10900)	*11250 (24800)	9650 (21300)

Arm length 2925mm +1130mm (3'8")

unit : kg (lb)

6.0 m (20')	*1250 (2700)	*1250 (2700)								
4.5 m (15')	*1250 (2700)	*1250 (2700)	*2550 (5600)	2500 (5500)						
3.0 m (10')	*1300 (2900)	*1300 (2900)	*3000 (6600)	2400 (5200)	*3300 (7200)	3300 (7200)				
1.5 m (5')	*1400 (3100)	1350 (2900)	*3500 (7000)	2200 (4900)	*4200 (9300)	3300 (7300)	*5650 (12500)	5250 (11600)	*9450 (20900)	*9450 (20900)
0 m (0')	*1650 (3600)	1350 (2900)	3450 (7700)	2100 (4600)	5000 (11000)	3050 (6700)	*7200 (15800)	4800 (10500)	*6800 (15000)	*6800 (15000)
-1.5 m (-5')	*2000 (4400)	1450 (3100)	3350 (7400)	2000 (4400)	4850 (10700)	2900 (6300)	7750 (17100)	4550 (10000)	*7650 (16600)	*7650 (16800)
-3.0 m (-10')	*2600 (5800)	1650 (3600)	3350 (7400)	1950 (4300)	4750 (10500)	2800 (6200)	7650 (16900)	4450 (9800)	*10000 (22000)	8800 (19400)
-4.5 m (-15')	3600 (8000)	2150 (4700)			4800 (10600)	2850 (6300)	7750 (17100)	4500 (10000)	*12450 (27500)	9000 (11900)
-6.0 m (-20')	*5200 (11500)	3450 (7600)					*6850 (15100)	4750 (10500)	*10300 (22800)	9400 (20800)

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Arm length 1800mm (5'11")

unit : kg (lb)

A / B	MAX		7.5 m (25')		6.0 m (20')		4.5 m (15')		3.0 m (10')	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
6.0 m (20')	*4050 (9000)	4000 (8000)			*4150 (9200)	*4150 (9200)				
4.5 m (15')	*4050 (8900)	3200 (7100)			*4550 (10000)	4300 (9500)	*5350 (11800)	*5350 (11800)		
3.0 m (10')	*4250 (9400)	2850 (6300)	*4450 (9800)	2850 (6300)	*5200 (11500)	4100 (9000)	*6950 (15300)	6300 (13900)		
1.5 m (5')	4500 (10000)	2700 (6000)	4600 (10200)	2800 (6100)	*5900 (13000)	3900 (8600)	*8300 (18300)	5900 (13000)		
0 m (0')	4700 (10300)	2800 (6200)			*6400 (14100)	3800 (8400)	*8900 (19600)	5750 (12700)		
-1.5 m (-5')	5250 (11600)	3150 (6900)			6400 (14100)	3750 (8300)	*8850 (19500)	5800 (12700)	*9900 (21800)	*9900 (21800)
-3.0 m (-10')	*6000 (13200)	4000 (8900)					*8150 (17900)	5900 (13000)	*11450 (25300)	*11450 (25300)

Arm length 2400mm (7'10")

unit : kg (lb)

6.0 m (20')	*3350 (7400)	*3350 (7400)			*3600 (8000)	*3600 (8000)				
4.5 m (15')	*3350 (7300)	2800 (6200)	*3850 (8500)	3000 (6600)	*4050 (8900)	*4050 (8900)				
3.0 m (10')	*3500 (7700)	2550 (5600)	*4150 (9200)	2900 (6400)	*4800 (10500)	4150 (9200)	*6200 (13700)	*6200 (13700)		
1.5 m (5')	*3800 (8400)	2450 (5400)	*4550 (10100)	2800 (6100)	*5550 (12300)	3950 (8700)	*7700 (17000)	6000 (13200)		
0 m (0')	4150 (9200)	2500 (5500)	4550 (10000)	2700 (6000)	*6150 (13600)	3750 (8300)	*8600 (19000)	5750 (12700)	*4650 (10300)	*4650 (10300)
-1.5 m (-5')	4600 (10100)	2700 (6000)			6350 (14000)	3700 (8200)	*8850 (19500)	5700 (12600)	*8950 (19700)	*8950 (19700)
-3.0 m (-10')	*5450 (12100)	3300 (7300)			*6200 (13600)	3750 (8300)	*8500 (18700)	5800 (12700)	*12400 (27300)	11500 (25300)
-4.5 m (-15')	*6000 (13200)	5000 (11000)					*7050 (15600)	*6000 (13300)	*10200 (22500)	*10200 (22500)

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Arm length 2925mm(9'7")

unit : kg (lb)

A / B	⊗ MAX		7.5 m (25')		6.0 m (20')		4.5 m (15')		3.0 m (10')	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
6.0 m (20')	*2250 (5000)	*2250 (5000)								
4.5 m (15')	*2250 (5000)	*2250 (5000)	*3450 (7600)	*3000 (6600)	*3600 (8000)	3600 (8000)				
3.0 m (10')	*2400 (5300)	2300 (5100)	*3850 (8500)	2900 (6400)	*4350 (9600)	4200 (9200)	*5500 (12200)	*5500 (12200)	*8850 (19500)	*8850 (19500)
1.5 m (5')	*2600 (5800)	2200 (4900)	*4300 (9500)	2750 (6100)	*5200 (11500)	3950 (8700)	*7200 (15800)	6100 (13400)	*4750 (10500)	*4750 (10500)
0 m (0')	*3000 (6700)	2250 (4900)	4500 (10000)	2650 (5900)	*5900 (13100)	3750 (8300)	*8300 (18300)	5800 (12700)	*5750 (12700)	*5750 (12700)
-1.5 m (-5')	*3750 (8300)	2450 (5400)	4450 (9900)	2650 (5800)	6300 (13900)	3650 (8100)	*8800 (19400)	5650 (12700)	*8600 (19000)	*8600 (19000)
-3.0 m (-10')	4900 (10800)	2900 (6400)			*6250 (13800)	3700 (8100)	*8650 (19100)	5700 (12600)	*12800 (28200)	11350 (25000)
-4.5 m (-15')	*5700 (12500)	4050 (9000)					*7650 (16900)	5850 (12900)	*11250 (24600)	*11250 (24800)

Arm length 2925mm(9'7")+1130mm (3'8")

unit : kg (lb)

6.0 m (20')	*1250 (2700)	*1250 (2700)								
4.5 m (15')	*1250 (2700)	*1250 (2700)	*2550 (5600)	*2550 (5600)						
3.0 m (10')	*1300 (2900)	*1300 (2900)	*3000 (6600)	2850 (6200)	*3300 (7200)	*3300 (7200)				
1.5 m (5')	*1400 (3100)	*1400 (3100)	*3500 (7800)	2650 (5900)	*4200 (9300)	3900 (8600)	*5650 (12500)	*5650 (12500)	*9450 (20900)	*9450 (20900)
0 m (0')	*1650 (3600)	*1650 (3600)	*4050 (8900)	2550 (5600)	*5100 (11200)	3650 (8100)	*7200 (15800)	5750 (12600)	*6800 (15000)	*6800 (15000)
-1.5 m (-5')	*2000 (4400)	1800 (3900)	4250 (9400)	2450 (5400)	*5750 (12600)	3500 (7700)	*8100 (17900)	5450 (12100)	*7650 (16800)	*7650 (16800)
-3.0 m (-10')	*2600 (5800)	2050 (4500)	4250 (9300)	2400 (5300)	*6050 (13300)	3400 (7500)	*8450 (18700)	5400 (11900)	*10000 (22000)	*10000 (22000)
-4.5 m (-15')	*3950 (8700)	2600 (5800)			*5850 (12900)	3450 (7600)	*8150 (18000)	5400 (12000)	*12450 (27500)	11050 (24300)
-6.0 m (-20')	*5200 (11500)	4150 (9100)					*6850 (15100)	5700 (12500)	*10300 (22800)	*10300 (22800)

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Ratings are based on SAE Standard No. J1097. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

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PC220-3 Arm length 3045mm(10')

Unit: kg (lb)

B \ A		MAX ⊕	7.5 m (25')	6.0 m (20')	4.5 m (15')	3.0 m (10')
6.0 m (20')	Cf	*3050 (6800)	*3400 (7500)			
	Cs	*3050 (6800)	3200 (7100)			
4.5 m (15')	Cf	*3100 (6800)	*3900 (8600)	*4000 (8900)		
	Cs	2600 (5800)	3150 (7000)	*4000 (8900)		
3.0 m (10')	Cf	*3250 (7200)	*4350 (9600)	*4950 (11000)	*6300 (13900)	*10550 (23300)
	Cs	2350 (5200)	3000 (6700)	4400 (9700)	*6300 (13900)	*10550 (23300)
1.5 m (5')	Cf	3500 (7700)	4450 (9800)	*5950 (13100)	*8150 (18000)	*5350 (11800)
	Cs	2250 (4900)	2900 (6400)	4100 (9000)	6300 (13900)	*5350 (11800)
0.0 m (0')	Cf	3550 (7900)	4350 (9500)	6100 (13500)	*9450 (20900)	*6750 (14900)
	Cs	2250 (5000)	2750 (6100)	3900 (8600)	5950 (13100)	*6750 (14900)
-1.5 m (-5')	Cf	3850 (8500)	4250 (9400)	6000 (13200)	9450 (20900)	*10000 (22100)
	Cs	2450 (5400)	2700 (6000)	3800 (8300)	5800 (12800)	*10000 (22100)
-3.0 m (-10')	Cf	4550 (10100)		6000 (13200)	9500 (20900)	*14600 (32200)
	Cs	2900 (6400)		3800 (8400)	5850 (12900)	12050 (26500)
-4.5 m (-15')	Cf	6500 (14300)			*9000 (19500)	*13500 (29800)
	Cs	4150 (9100)			6000 (13300)	12500 (27500)

* Load is limited by hydraulic capacity rather than tipping.
Ratings are based on SAE Standard No. J1097. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

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PC220-3

Arm length 3500mm(11'6")

unit: kg (lb)

A / B	MAX		9.1 m (30')		7.6 m (25')		6.1 m (20')		4.6 m (15')		3.0 m (10')	
	Cf	Ce	Cf	Ce	Cf	Ce	Cf	Ce	Cf	Ce	Cf	Ce
7.6 m (25')	*2600 (5800)	*2600 (5800)										
6.1 m (20')	*2500 (5500)	*2500 (5500)			*3200 (7100)	*3200 (7100)						
4.6 m (15')	*2500 (5500)	2300 (5100)			*3450 (7600)	3200 (7000)						
3.0 m (10')	*2600 (5800)	2050 (4600)	*3150 (6900)	2150 (4700)	*4000 (8800)	3000 (6700)	*4500 (9900)	4400 (9800)	*5550 (12200)	*5550 (12200)		
1.5 m (5')	*2850 (6200)	2000 (4400)	3250 (7200)	2050 (4600)	4450 (9800)	2850 (6300)	*5500 (12200)	4100 (9100)	*7500 (16500)	6400 (14100)	*7350 (16200)	*7350 (16200)
0 m (0')	3200 (7100)	2000 (4400)	3200 (7100)	2000 (4400)	4300 (9500)	2750 (6000)	6100 (13400)	3850 (8500)	*9000 (19800)	5950 (13100)	*6900 (15200)	*6900 (15200)
-1.5 m (-5')	3450 (7600)	2150 (4700)			4200 (9300)	2650 (5800)	5950 (13100)	3750 (8200)	9400 (20700)	5750 (12700)	*9200 (20300)	*9200 (20300)
-3.0 m (-10')	3950 (8800)	2500 (5500)			4200 (9300)	2650 (5800)	5900 (13000)	3700 (8100)	9350 (20700)	5700 (12600)	*12850 (28300)	11850 (26100)
-4.6 m (-15')	5300 (11700)	3350 (7400)					6000 (13200)	3800 (8400)	*9350 (20600)	5850 (12900)	*14250 (31500)	12200 (26900)

Arm length 2500mm(8'2")

unit: kg (lb)

6.1 m (20')	*4100 (9100)	3550 (7800)					*3950 (8800)	*3950 (8800)				
4.6 m (15')	*4300 (9500)	2900 (6400)			*4300 (9500)	3100 (6800)	*4500 (9900)	*4500 (9900)				
3.0 m (10')	4000 (8800)	2600 (5700)			4550 (10100)	3000 (6600)	*5400 (11900)	4300 (9500)	*7050 (15500)	6700 (14800)		
1.5 m (5')	3850 (8500)	2450 (5400)			4450 (9800)	2850 (6300)	6300 (13900)	4050 (9000)	*8750 (19300)	6150 (13600)		
0 m (0')	3950 (8700)	2500 (5500)			4350 (9600)	2800 (6100)	6100 (13400)	3900 (8600)	9550 (21100)	5900 (13000)		
-1.5 m (-5')	4300 (9500)	2750 (6100)					6000 (13300)	3800 (8400)	9500 (20900)	5850 (12800)	*10750 (23700)	*10750 (23700)
-3.0 m (-10')	5250 (11600)	3350 (7400)					6050 (13400)	3850 (8500)	9600 (21100)	5900 (13000)	*14800 (32600)	12250 (27000)
-4.6 m (-15')	*7250 (16000)	5200 (11500)							*8350 (18400)	6200 (13600)		

* Load is limited by hydraulic capacity rather than tipping.
Ratings are based on SAE Standard No. J1097. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

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PC220LC-3 Arm length 3045mm(10')

Unit: kg (lb)

B \ A		MAX ❸	7.5 m (25')	6.0 m (20')	4.5 m (15')	3.0 m (10')
6.0 m (20')	Cf	*3050 (6800)	*3400 (7500)			
	Cs	*3050 (6800)	*3400 (7500)			
4.5 m (15')	Cf	*3100 (6800)	*3900 (8600)	*4000 (8900)		
	Cs	2950 (6500)	3550 (7800)	*4000 (8900)		
3.0 m (10')	Cf	*3250 (7200)	*4350 (9600)	*4950 (11000)	*6300 (13900)	*10550 (23300)
	Cs	2650 (5900)	3400 (7500)	4950 (10900)	*6300 (13900)	*10550 (23300)
1.5 m (5')	Cf	*3600 (7900)	*4900 (10800)	*5950 (13100)	*8150 (18000)	*5350 (11800)
	Cs	2550 (5600)	3250 (7200)	4650 (10200)	7150 (15800)	*5350 (11800)
0.0 m (0')	Cf	*4100 (9100)	5150 (11400)	*6750 (14900)	*9450 (20900)	*6750 (14900)
	Cs	2600 (5700)	3150 (7000)	4450 (9800)	6800 (15000)	*6750 (14900)
-1.5 m (-5')	Cf	4600 (10200)	5100 (11200)	7200 (15800)	*10050 (22200)	*10000 (22100)
	Cs	2800 (6200)	3100 (6800)	4300 (9500)	6650 (14700)	*10000 (22100)
-3.0 m (-10')	Cf	5450 (12000)		7200 (15800)	*10000 (22100)	*14600 (32200)
	Cs	3300 (7300)		4300 (9500)	6650 (14700)	14150 (31200)
-4.5 m (-15')	Cf	*6650 (14700)			*9000 (19800)	*13500 (29800)
	Cs	4700 (10400)			6900 (15200)	*13500 (29800)

* Load is limited by hydraulic capacity rather than tipping.
Ratings are based on SAE Standard No. J1097. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

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Arm length 3500mm(11'6")

unit: kg (lb)

A / B	MAX		9.1 m (30')		7.6 m (25')		6.1 m (20')		4.6 m (15')		3.0 m (10')	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.6 m (25')	*2600 (5800)	*2600 (5800)										
6.1 m (20')	*2500 (5500)	*2500 (5500)			*3200 (7100)	*3200 (7100)						
4.6 m (15')	*2500 (5500)	*2500 (5500)			*3450 (7600)	*3450 (7600)						
3.0 m (10')	*2600 (5800)	2350 (5200)	*3150 (6900)	2450 (5400)	*4000 (8800)	3400 (7500)	*4500 (9900)	*4500 (9900)	*5550 (12200)	*5550 (12200)		
1.5 m (5')	*2850 (6200)	2300 (5000)	*3700 (8200)	2350 (5200)	*4550 (10100)	3250 (7200)	*5500 (12200)	4650 (10300)	*7500 (16500)	7250 (16000)	*7350 (16200)	*7350 (16200)
0 m (0')	*3200 (7100)	2300 (5100)	*3250 (7200)	2300 (5100)	*5100 (11300)	3100 (6900)	*6400 (14200)	4400 (9700)	*9000 (19800)	6800 (15000)	*6900 (15200)	*6900 (15200)
-1.5 m (-5')	*3850 (8500)	2450 (5500)			5050 (11100)	3050 (6700)	*7050 (15500)	4250 (9400)	*9800 (21600)	6600 (14500)	*9200 (20300)	*9200 (20300)
-3.0 m (-10')	4750 (10500)	2850 (6300)			5050 (11100)	3050 (6700)	7100 (15600)	4250 (9300)	*10000 (22000)	6550 (14500)	*12850 (28300)	*12850 (26100)
-4.6 m (-15')	*5950 (13200)	3850 (8500)					*6750 (14900)	4350 (9600)	*9350 (20600)	6700 (14800)	*14250 (31500)	14250 (31400)

Arm length 2500mm(8'2")

6.1 m (20')	*4100 (9100)	3950 (8800)					*3950 (8800)	*3950 (8800)				
4.6 m (15')	*4300 (9500)	3300 (7300)			*4300 (9500)	3500 (7700)	*4500 (9900)	*4500 (9900)				
3.0 m (10')	*4600 (10100)	2950 (6500)			*4700 (10400)	3400 (7500)	*5400 (11900)	4850 (10700)	*7050 (15500)	*7050 (15500)		
1.5 m (5')	4550 (10100)	2800 (6200)			*5200 (11400)	3250 (7200)	*6300 (13900)	4600 (10100)	*8750 (19300)	7000 (15500)		
0 m (0')	4700 (10300)	2850 (6300)			5150 (11400)	3150 (7000)	*7050 (15500)	4400 (9700)	*9800 (21600)	6750 (14900)		
-1.5 m (-5')	5150 (11400)	3150 (7000)					7200 (15900)	4350 (9600)	*10150 (22400)	6650 (14700)	*10750 (23700)	*10750 (23700)
-3.0 m (-10')	6250 (13800)	3850 (8400)					*7200 (15900)	4400 (9700)	*9850 (21700)	6750 (14900)	*14800 (32600)	14300 (31500)
-4.6 m (-15')	*7250 (16000)	5900 (13000)							*8350 (18400)	7050 (15500)		

* Load is limited by hydraulic capacity rather than tipping.
Ratings are based on SAE Standard No. J1097. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

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Arm length 2000mm(6'7")

B \ A		⊗		9,0 m (30')		7,5 m (25')		6,0 m (20')		4,5 m (15')		3,0 m (10')	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
6,0 m	**kg**	* 5350	4700					* 5250	* 5250				
20'	**lb**	11800	10400					11600	11600				
4,5 m	**kg**	* 5600	3850					* 5900	5650	* 7000	* 7000		
15'	**lb**	12300	8500					13000	12400	15500	15500		
3,0 m	**kg**	5200	3450			5600	3750	* 6900	5350	* 9300	8250		
10'	**lb**	11400	7600			12300	8300	15300	11800	20500	18200		
1,5 m	**kg**	5000	3300			5450	3600	7750	5100	* 11250	7750		
5'	**lb**	11000	7300			12100	8000	17100	11200	24800	17100		
0	**kg**	5150	3400			5400	3550	7550	4950	12000	7550		
	lb	11400	7500			11900	7800	16700	10900	26500	16600		
-1,5 m	**kg**	5750	3800					7550	4900	12000	7550	* 12450	* 12450
-5'	**lb**	12700	8400					16600	10800	26500	16600	27400	27400
-3,0 m	**kg**	7200	4750					7650	5000	11550	7700	* 16500	15350
-10'	**lb**	15900	10500					16900	11000	25500	17000	36400	33900

Arm length 2500mm(8'2")

6,0 m	**kg**	* 4950	4350										
20'	**lb**	10900	9500										
4,5 m	**kg**	* 5200	3600			* 5200	3950	* 5500	* 5500				
15'	**lb**	11500	8000			11400	8700	12100	12100				
3,0 m	**kg**	4900	3250			* 5700	3850	* 6550	5500	* 8600	8550		
10'	**lb**	10800	7200			12500	8500	14500	12100	19000	18800		
1,5 m	**kg**	4700	3150			5550	3700	* 7700	5200	* 10750	7950		
5'	**lb**	10400	6900			12300	8200	17000	11500	23700	17500		
0	**kg**	4850	3200			5450	3600	7650	5000	* 12000	7650		
	lb	10700	7100			12000	7900	16900	11100	26500	16900		
-1,5 m	**kg**	5300	3500			5400	3550	7550	4950	12050	7600	* 12400	* 12400
-5'	**lb**	11700	7700			11900	7900	16700	10900	26600	16700	27400	27400
-3,0 m	**kg**	6450	4250					7600	5000	* 12000	7700	* 17550	15250
-10'	**lb**	14200	9400					16800	11000	26500	16900	38700	33600
-4,5 m	**kg**	8600	6250							* 10400	7950	* 14950	* 14950
-15'	**lb**	18900	13800							22900	17500	33000	33000

Notes:
1. *Ratings are based on DIN 15019.*
2. *Lifting capacities shown include a safety margin of 25%.*
3. *Capacities marked with an asterisk(*) are limited by hydraulic capacities.*
4. *Lifting capacities assume the machine is standing level on a firm, uniform supporting surface.*
5. *The load point is in an optional hook located on back of the bucket.*

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Arm length 3050mm(10')

A / B		⊗ Cf	⊗ Cs	9,0 m (30') Cf	9,0 m (30') Cs	7,5 m (25') Cf	7,5 m (25') Cs	6,0 m (20') Cf	6,0 m (20') Cs	4,5 m (15') Cf	4,5 m (15') Cs	3,0 m (10') Cf	3,0 m (10') Cs
6,0 m 20'	**kg**	* 3650	* 3650			* 4500	4150						
	lb	8100	8100			9900	9100						
4,5 m 15'	**kg**	* 3700	3300			* 4750	4050	* 4950	* 4950				
	lb	8200	7300			10500	9000	11000	11000				
3,0 m 10'	**kg**	* 3900	3000			* 5350	3950	* 6100	5650	* 7750	* 7750	* 12600	* 12600
	lb	8600	6700			11800	8700	13400	12400	17100	17100	27800	27800
1,5 m 5'	**kg**	* 4250	2900			5600	3750	* 7300	5300	* 10100	8150	* 6250	* 6250
	lb	9400	6400			12400	8300	16100	11700	22200	18000	13800	13800
0	**kg**	4450	2950			5500	3650	7750	5100	* 11650	7750	* 7900	* 7900
	lb	9800	6500			12100	8000	17000	11200	25700	17100	17400	17400
–1,5 m –5'	**kg**	4850	3200			5400	3600	7600	4950	12100	7600	* 11650	* 11650
	lb	10700	7000			12000	7900	16800	11000	26700	16800	25700	25700
–3,0 m –10'	**kg**	5700	3750					7600	4950	12150	7650	* 16950	15150
	lb	12500	8300					16800	11000	26700	16900	37300	33400
–4,5 m –15'	**kg**	7750	5100					7800	5150	* 11200	7850	* 16350	15550
	lb	17100	11300					17100	11300	24700	17300	36000	34300

Arm length 3500mm(11'6")

6,0 m 20'	**kg**	* 3000	* 3000			* 3950	* 3950						
	lb	6600	6600			8700	8700						
4,5 m 15'	**kg**	* 3000	2950			* 4300	4100						
	lb	6600	6500			9500	9000						
3,0 m 10'	**kg**	* 3150	2700	* 4200	2850	* 4900	3950						
	lb	6900	6000	9200	6300	10000	8700						
1,5 m 5'	**kg**	* 3400	2600	4150	2750	5600	3750						
	lb	7500	5700	9200	6100	12400	8300						
0	**kg**	* 3850	2650	4100	2700	5450	3600						
	lb	8500	5800	9000	5900	12000	8000						
–1,5 m –5'	**kg**	4300	2800			5350	3500						
	lb	9500	6200			11800	7800						
–3,0 m –10'	**kg**	4950	3250			5350	3500						
	lb	10900	7200			11800	7700						
–4,5 m –15'	**kg**	6400	4200										
	lb	14100	9300										

Notes: *1. Ratings are based on DIN 15019.*
2. Lifting capacities shown include a safety margin of 25%.
3. Capacities marked with an asterisk(*) are limited by hydraulic capacities.
4. Lifting capacities assume the machine is standing level on a firm, uniform supporting surface.
5. The load point is in an optional hook located on back of the bucket.

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Arm length 3050mm(10')

A / B		9,0 m (30')		7,5 m (25')		6,0 m (20')		4,5 m (15')		3,0 m (10')	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
6,0 m	kg	* 3650	* 3650			* 4500	* 4500				
20'	lb	8100	8100			9900	9900				
4,5 m	kg	* 3700	3650			* 4750	4500	* 4950	* 4950		
15'	lb	8200	8100			10500	9900	11000	11000		
3,0 m	kg	* 3900	3350			* 5350	4350	* 6100	* 6100	* 7750	* 7750	* 12600	* 12600
10'	lb	8600	7400			11800	9600	13400	13400	17100	17100	27800	27800
1,5 m	kg	* 4250	3250			* 6000	4150	* 7300	5900	* 10100	9100	* 6250	* 6250
5'	lb	9400	7100			13300	9200	16100	13000	22200	20000	13800	13800
0	kg	* 4850	3300			6350	4050	* 9300	5650	* 11650	8700	* 7900	* 7900
	lb	10700	7200			14100	8900	18300	12500	25700	19100	17400	17400
-1,5 m	kg	5600	3550			6300	4000	8900	5550	* 12350	8550	* 11650	* 11650
-5'	lb	12400	7800			13900	8800	19600	12200	27300	18800	25700	25700
-3,0 m	kg	6600	4150					8900	5550	* 12300	8550	* 16950	* 16950
-10'	lb	14600	9200					19600	12200	27100	18900	37300	37300
-4,5 m	kg	* 8000	5700					* 8000	5700	* 11200	8750	* 16350	* 16350
-15'	lb	17600	12500					17600	12600	24700	19300	36000	36000

Arm length 3500mm(11'6")

6,0 m	kg	* 3000	* 3000			* 3950	* 3950						
20'	lb	6600	6600			8700	8700						
4,5 m	kg	* 3000	* 3000			* 4300	* 4300						
15'	lb	6700	6700			9500	9500						
3,0 m	kg	* 3150	3000	* 4200	3150	* 4900	4350	* 5500	* 5500	* 6850	* 6850		
10'	lb	6900	6600	9200	7000	10800	9600	12200	12200	15100	15100		
1,5 m	kg	* 3400	2900	4850	3050	* 5650	4150	* 6800	5900	* 9250	9200	* 8600	* 8600
5'	lb	7500	6400	10700	6800	12400	9200	15000	13000	20400	20300	19000	19000
0	kg	* 3850	2950	* 4550	3000	* 6300	4000	* 7900	5650	* 11100	8700	* 8050	* 8050
	lb	8500	6500	10000	6600	13900	8800	17500	12400	24500	19200	17800	17800
-1,5 m	kg	* 4550	3150			6250	3900	* 8650	5450	* 12100	8450	* 10700	* 10700
-5'	lb	10100	6900			13800	8600	19100	12100	26700	18700	23600	23600
-3,0 m	kg	5750	3650			6250	3900	8800	5450	* 12300	8450	* 14900	* 14900
-10'	lb	12700	8000			13700	8600	19400	12000	27100	18600	32900	32900
-4,5 m	kg	* 7200	4700					* 8400	5550	* 11600	8600	* 17200	* 17200
-15'	lb	15800	10300					18600	12200	25600	18900	38000	38000

Notes:
1. *Ratings are based on DIN 15019.*
2. *Lifting capacities shown include a safety margin of 25%.*
3. *Capacities marked with an asterisk(*) are limited by hydraulic capacities.*
4. *Lifting capacities assume the machine is standing level on a firm, uniform supporting surface.*
5. *The load point is in an optional hook located on back of the bucket.*

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Arm length 2000mm(6'7")

A / B		9,0 m (30')		7,5 m (25')		6,0 m (20')		4,5 m (15')		3,0 m (10')	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
6,0 m	kg	* 5350	5150			* 5250	* 5250				
20'	lb	11800	11400			11600	11600				
4,5 m	kg	* 5600	4250			* 5900	* 5900	* 7000	* 7000		
15'	lb	12300	9400			13000	13000	15500	15500		
3,0 m	kg	* 5850	3850	* 5950	4150	* 6900	5950	* 9300	9200		
10'	lb	13000	8400	13200	9100	15300	13100	20500	20300		
1,5 m	kg	5800	3700	6350	4050	* 7950	5650	* 11250	8650		
5'	lb	12800	8100	14000	8900	17600	12500	24800	19100		
0	kg	6000	3800	6250	3950	* 8700	5500	* 12200	8450		
	lb	13300	8400	13800	8700	19200	12100	26900	18600		
-1,5 m	kg	6700	4200			8850	5450	* 12300	8450	* 12450	* 12450
-5'	lb	14800	9300			19500	12000	27100	18600	27400	27400
-3,0 m	kg	* 8000	5250			* 8450	5550	* 11550	8600	* 16500	* 16500
-10'	lb	17600	11600			18600	12300	25500	19000	36400	36400

Arm length 2500mm(8'2")

6,0 m	kg	* 4950	4750								
20'	lb	10900	10500								
4,5 m	kg	* 5200	4000	* 5200	4350	* 5500	* 5500				
15'	lb	11500	8800	11400	9600	12100	12100				
3,0 m	kg	* 5500	3600	* 5700	4250	* 6550	6050	* 8600	* 8600		
10'	lb	12100	8000	12500	9400	14500	13400	19000	19000		
1,5 m	kg	5450	3500	* 6300	4100	* 7700	5800	* 10750	8900		
5'	lb	12100	7700	13900	9100	17000	12700	23700	19600		
0	kg	5650	3550	6350	4000	* 8550	5600	* 12000	8550		
	lb	12400	7900	14000	8800	18900	12300	26500	18900		
-1,5 m	kg	6200	3900	6300	4000	8900	5500	* 12400	8500	* 12400	* 12400
-5'	lb	13600	8600	13900	8800	19600	12100	27300	18700	27400	27400
-3,0 m	kg	7500	4750			* 8800	5550	* 12000	8600	* 17550	17500
-10'	lb	16600	10400			19400	12200	26500	18900	38700	38500
-4,5 m	kg	* 8600	6950					* 10400	8900	* 14950	* 14950
-15'	lb	18900	15300					22900	19600	33000	33000

Notes:
1. *Ratings are based on DIN 15019.*
2. *Lifting capacities shown include a safety margin of 25%.*
3. *Capacities marked with an asterisk(*) are limited by hydraulic capacities.*
4. *Lifting capacities assume the machine is standing level on a firm, uniform supporting surface.*
5. *The load point is in an optional hook located on back of the bucket.*

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Arm length 2000mm(6'7")

A / B		⊕		9,0 m (30')		7,5 m (25')		6,0 m (20')		4,5 m (15')		3,0 m (10')	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
6,0 m	**kg**	* 5350	4600					* 5250	* 5250				
20'	**lb**	11800	10200					11600	11600				
4,5 m	**kg**	* 5600	3800					* 5900	5550	* 7000	* 7000		
15'	**lb**	12300	8300					13000	12200	15500	15500		
3,0 m	**kg**	5450	3400			5900	3650	* 6900	5250	* 9300	8150		
10'	**lb**	12000	7500			13000	8100	15300	11600	20500	17900		
1,5 m	**kg**	5300	3250			5750	3550	* 7950	5000	* 11250	7600		
5'	**lb**	11600	7200			12700	7800	17600	11000	24800	16800		
0	**kg**	5450	3350			5700	3500	8000	4850	* 12200	7400		
	lb	12000	7400			12500	7700	17700	10700	26900	16300		
-1,5 m	**kg**	6100	3700					8000	4800	* 12300	7400	* 12450	* 12450
-5'	**lb**	13400	8200					17600	10600	27100	16300	27400	27400
-3,0 m	**kg**	7650	4650					8100	4900	* 11550	7550	* 16500	15100
-10'	**lb**	16800	10300					17900	10800	25500	16600	36400	33300

Arm length 2500mm(6'7")

6,0 m	**kg**	* 4950	4250										
20'	**lb**	10900	9400										
4,5 m	**kg**	* 5200	3550			* 5200	3900	* 5500	* 5500				
15'	**lb**	11500	7800			11400	8600	12100	12100				
3,0 m	**kg**	5150	3200			* 5700	3750	* 6550	5400	* 8600	8400		
10'	**lb**	11300	7100			12500	8300	14500	11900	19000	18500		
1,5 m	**kg**	4950	3050			5850	3650	* 7700	5100	* 10750	7800		
5'	**lb**	11000	6800			12900	8000	17000	11300	23700	17200		
0	**kg**	5100	3150			5750	3550	8100	4900	* 12000	7500		
	lb	11300	6900			12700	7800	17900	10900	26500	16600		
-1,5 m	**kg**	5600	3450			5700	3500	8050	4850	* 12400	7450	* 12400	* 12400
-5'	**lb**	12400	7600			12600	7700	17700	10700	27300	16400	27400	27400
-3,0 m	**kg**	6800	4150					8100	4900	* 12000	7550	* 17550	15000
-10'	**lb**	15000	9200					17800	10800	26500	16600	38700	33000
-4,5 m	**kg**	* 8600	6150							* 10400	7800	* 14950	* 14950
-15'	**lb**	18900	13500							22900	17200	33000	33000

Notes: *1. Ratings are based on DIN 15019.*
2. Lifting capacities shown include a safety margin of 25%.
3. Capacities marked with an asterisk(*) are limited by hydraulic capacities.
4. Lifting capacities assume the machine is standing level on a firm, uniform supporting surface.
5. The load point is in an optional hook located on back of the bucket.

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PC240NLC-3

Arm length 3050mm(10')

A / B		9,0 m (30')		7,5 m (25')		6,0 m (20')		4,5 m (15')		3,0 m (10')	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
6,0 m	kg	* 3650	* 3650			* 4500	4050				
20'	lb	8100	8100			9900	9000				
4,5 m	kg	* 3700	3250			* 4750	4000	* 4950	* 4950		
15'	lb	8200	7200			10500	8800	11000	11000		
3,0 m	kg	* 3900	2950			* 5350	3850	* 6100	5550	* 7750	* 7750	* 12600	* 12600
10'	lb	8600	6500			11800	8500	13400	12200	17100	17100	27800	27800
1,5 m	kg	* 4250	2850			5950	3700	* 7300	5200	* 10100	8000	* 6250	* 6250
5'	lb	9400	6300			13100	8200	16100	11500	22200	17700	13800	13800
0	kg	4700	2900			5800	3550	8200	5000	* 11650	7600	* 7900	* 7900
	lb	10400	6400			12800	7900	18100	11000	25700	16800	17400	17400
-1,5 m	kg	5100	3150			5700	3500	8050	4850	* 12350	7450	* 11650	* 11650
-5'	lb	11200	6900			12600	7700	17800	10700	27300	16500	25700	25700
-3,0 m	kg	6000	3700					8050	4850	* 12300	7500	* 16950	14900
-10'	lb	13200	8100					17800	10800	27100	16600	37300	32800
-4,5 m	kg	* 8000	5000					* 8000	5050	* 11200	7700	* 16350	15300
-15'	lb	17600	11100					17600	11100	24700	17000	36000	33700

Arm length 3500mm(11'6")

6,0 m	kg	* 3000	* 3000			* 3950	* 3950						
20'	lb	6600	6600			8700	8700						
4,5 m	kg	* 3000	2900			* 4300	4000						
15'	lb	6700	6400			9500	8900						
3,0 m	kg	* 3150	2650	* 4200	2800	* 4900	3850	* 5500	* 5500	* 6850	* 6850		
10'	lb	6900	5800	9200	6100	10800	8500	12200	12200	15100	15100		
1,5 m	kg	* 3400	2550	4400	2700	* 5650	3700	* 6800	5250	* 9250	8100	* 8600	* 8600
5'	lb	7500	5600	9700	5900	12400	8100	15000	11600	20400	17900	19000	19000
0	kg	* 3850	2550	4300	2650	5750	3550	* 7900	4950	* 11100	7650	* 8050	* 8050
	lb	8500	5700	9500	5800	12700	7800	17500	11000	24500	16800	17800	17800
-1,5 m	kg	4550	2750			5650	3450	8000	4800	* 12100	7400	* 10700	* 10700
-5'	lb	10000	6100			12500	7600	17600	10600	26700	16300	23600	23600
-3,0 m	kg	5250	3200			5650	3450	7950	4750	* 12300	7400	* 14900	14650
-10'	lb	11500	7000			12500	7600	17500	10500	27100	16300	32900	32300
-4,5 m	kg	6750	4150					8050	4850	* 11600	7500	* 17200	14950
-15'	lb	14900	9100					17800	10700	25600	16600	38000	33000

Notes:
1. *Ratings are based on DIN 15019.*
2. *Lifting capacities shown include a safety margin of 25%.*
3. *Capacities marked with an asterisk(*) are limited by hydraulic capacities.*
4. *Lifting capacities assume the machine is standing level on a firm, uniform supporting surface.*
5. *The load point is in an optional hook located on back of the bucket.*

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PC280LC-3

Arm length 2000mm(6'7")

A / B		⊗ Cf	⊗ Cs	9.0m (30′) Cf	9.0m (30′) Cs	7.5m (25′) Cf	7.5m (25′) Cs	6.0m (20′) Cf	6.0m (20′) Cs	4.5m (15′) Cf	4.5m (15′) Cs	3.0m (10′) Cf	3.0m (10′) Cs
7.5m 25′	kg	* 4250	* 4250										
	lb	9300	9300										
6.0m 20′	kg	* 4300	* 4300					* 4250	* 4250				
	lb	9500	9500					9300	9300				
4.5m 15′	kg	* 4450	* 4450			* 4450	* 4450	* 4800	* 4800	* 5850	* 5850		
	lb	9900	9900			9900	9900	10600	10600	12900	12900		
3.0m 10′	kg	* 4700	4100			* 4800	4450	* 5650	* 5650	* 7750	* 7750		
	lb	10400	9100			10600	9800	12500	12500	17100	17100		
1.5m 5′	kg	* 5050	4000			* 5250	4350	* 6500	6100	* 9300	* 9300		
	lb	11100	8800			11600	9600	14400	13400	20500	20500		
0	kg	* 5450	4100			* 5600	4250	* 7100	5950	* 10050	9100		
	lb	12000	9100			12300	9400	15700	13100	22100	20100		
−1.5m −5′	kg	* 5950	4600					* 7300	5900	* 10100	9150	* 11200	* 11200
	lb	13100	10200					16100	13000	22200	20100	24600	24600
−3.0m −10′	kg	* 6550	5800					* 6800	6050	* 9450	9300	* 13550	* 13550
	lb	14400	12800					15000	13300	20800	20500	29800	29800

Arm length 2500mm(8'2")

7.5m 25′	kg	* 3850	* 3850										
	lb	8500	8500										
6.0m 20′	kg	* 4000	* 4000					* 3900	* 3900				
	lb	8800	8800					8600	8600				
4.5m 15′	kg	* 4200	* 4200			* 4200	* 4200	* 4500	* 4500				
	lb	9300	9300			9300	9300	9900	9900				
3.0m 10′	kg	* 4450	3900			* 4650	4600	* 5400	* 5400	* 7200	* 7200		
	lb	9800	8600			10200	10100	11900	11900	15900	15900		
1.5m 5′	kg	* 4800	3800			* 5150	4450	* 6350	6200	* 8950	* 8950		
	lb	10500	8400			11300	9800	14000	13700	19800	19800		
0	kg	* 5150	3900			* 5550	4350	* 7050	6050	* 9950	9250		
	lb	11400	8600			12300	9600	15600	13300	22000	20400		
−1.5m −5′	kg	* 5650	4300			* 5700	4350	* 7400	6000	* 10250	9200	* 11000	* 11000
	lb	12500	9500			12600	9600	16300	13200	22600	20300	24200	24200
−3.0m −10′	kg	* 6300	5250					* 7200	6050	* 9900	9300	* 14500	* 14500
	lb	13900	11500					15800	13300	21800	20500	32000	32000
−4.5m −15′	kg	* 7100	* 7100							* 8400	* 8400		
	lb	15700	15700							18500	18500		

Notes: 1. Ratings are based on SAE Standard NO. J1097.
2. Lifting capacities shown do not exceed 75%, of tipping load of 87%, of hydraulic capacities.
3. An asterisk(*) are limited by hydraulic capacities.
4. Lifting capacities assume the machine equipped with 710mm (28") shoe is standing level on a term uniform supporting surface.
5. The load point is an optional hook located on back of the bucket.

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Arm length 3050mm(10')

A / B		9,0 m (30')		7,5 m (25')		6,0 m (20')		4,5 m (15')		3,0 m (10')	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.5m 25'	kg	* 3100	* 3100								
	lb	6900	6900								
6.0m 20'	kg	* 3000	* 3000			* 3600	* 3600				
	lb	6600	6600			8000	8000				
4.5m 15'	kg	* 3050	* 3050			* 3850	* 3850	* 4100	* 4100		
	lb	6700	6700			8500	8500	9000	9000		
3.0m 10'	kg	* 3200	* 3200			* 4350	* 4350	* 5050	* 5050	* 6550	* 6550	* 10900	* 10900
	lb	7100	7100			9600	9600	11100	11100	14400	14400	24000	24000
1.5m 5'	kg	* 3550	* 3500			* 4950	4500	* 6050	* 6050	* 8450	* 8450	* 5250	* 5250
	lb	7800	7800			10900	10000	13400	13400	18600	18600	11500	11500
0	kg	* 4100	3600			* 5450	4400	* 6900	6100	* 9700	9400	* 6850	* 6850
	lb	9100	7900			12000	9700	15200	13500	21400	20700	15100	15100
−1.5m −5'	kg	* 5100	3900			* 5700	4350	* 7350	6000	* 10300	9250	* 10200	* 10200
	lb	11200	8600			12600	9600	16200	13300	22700	20400	22500	22500
−3.0m −10'	kg	* 5850	4600					* 7350	6000	* 10150	9300	* 14900	* 14900
	lb	12900	10200					16300	13300	22400	20500	32900	32900
−4.5m −15'	kg	* 6600	6350							* 9150	* 9150	* 13450	* 13450
	lb	14600	14000							20200	20200	29600	29600

Arm length 3500mm(11'6")

7.5m 25'	kg	* 2550	* 2550										
	lb	5600	5600										
6.0m 20'	kg	* 2400	* 2400			* 3150	* 3150						
	lb	5300	5300			6900	6900						
4.5m 15'	kg	* 2450	* 2450			* 3450	* 3450						
	lb	5400	5400			7600	7600						
3.0m 10'	kg	* 2550	* 2550	* 3500	3450	* 4000	* 4000	* 4550	* 4550	* 5750	* 5750	* 8950	* 8950
	lb	5700	5700	7700	7600	8800	8800	10000	10000	12700	12700	19700	19700
1.5m 5'	kg	* 2800	* 2800	* 4050	3350	* 4600	4500	* 5600	* 5600	* 7750	* 7750	* 7050	* 7050
	lb	6200	6200	9000	7400	10100	9900	12400	12400	17100	17100	15500	15500
0	kg	* 3200	* 3200	* 3700	3300	* 5150	4350	* 6550	6100	* 9250	* 9250	* 6950	* 6950
	lb	7000	7000	8100	7300	11400	9600	14400	13400	20400	20400	15300	15300
−1.5m −5'	kg	* 3850	3500			* 5550	4300	* 7150	5950	* 10050	9200	* 9300	* 9300
	lb	8500	7700			12200	9400	15800	13100	22100	20300	20600	20600
−3m −10'	kg	* 5100	4000			* 5600	4300	* 7350	5900	* 10150	9200	* 13050	* 13050
	lb	11200	8900			12300	9400	16200	13100	22400	20200	28800	28800
−4.5m −15'	kg	* 5900	5250					* 6850	6050	* 9500	9350	* 14200	* 14200
	lb	13000	11500					15100	13300	21000	20600	31300	31300

Notes: *1. Ratings are based on DIN 15019.*
2. Lifting capacities shown include a safety margin of 25%.
3. Capacities marked with an asterisk(*) are limited by hydraulic capacities.
4. Lifting capacities assume the machine is standing level on a firm, uniform supporting surface.
5. The load point is in an optional hook located on back of the bucket

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Arm length 2000mm (6'7")

A / B		⊕ Cf	⊕ Cs	9.0m (30′) Cf	9.0m (30′) Cs	7.5m (25′) Cf	7.5m (25′) Cs	6.0m (20′) Cf	6.0m (20′) Cs	4.5m (15′) Cf	4.5m (15′) Cs	3.0m (10′) Cf	3.0m (10′) Cs
7.5m 25′	kg	* 4250	* 4250										
	lb	9300	9300										
6.0m 20′	kg	* 4300	* 4300					* 4250	* 4250				
	lb	9500	9500					9300	9300				
4.5m 15′	kg	* 4450	4050			* 4450	4050	* 4800	* 4800	* 5850	* 5850		
	lb	9900	8900			9900	8900	10600	10600	12900	12900		
3.0m 10′	kg	* 4700	3650			* 4800	3950	* 5650	5650	* 7750	* 7750		
	lb	10400	8000			10600	8700	12500	12400	17100	17100		
1.5m 5′	kg	* 5050	3500			* 5250	3850	* 6500	5400	* 9300	8200		
	lb	11100	7800			11600	8500	14400	11900	20500	18100		
0	kg	* 5450	3650			* 5600	3800	* 7100	5250	* 10050	8050		
	lb	12000	8000			12300	8300	15700	11600	22100	17700		
−1.5m −5′	kg	* 5950	4100					* 7300	5250	* 10100	8050	* 11200	* 11200
	lb	13100	9000					16100	11500	22200	17700	24600	24600
−3.0m −10′	kg	* 6550	5150					* 6800	5350	* 9450	8200	* 13550	* 13550
	lb	14400	11400					15000	11800	20800	18100	29800	29800

Arm length 2500mm(6'7")

7.5m 25′	kg	* 3850	* 3850										
	lb	8500	8500										
6.0m 20′	kg	* 4000	* 4000					* 3900	* 3900				
	lb	8800	8800					8600	8600				
4.5m 15′	kg	* 4200	3800			* 4200	* 4200	* 4500	* 4500				
	lb	9300	8400			9300	9300	9900	9900				
3.0m 10′	kg	* 4450	3500			* 4650	4100	* 5400	* 5400	* 7200	* 7200		
	lb	9800	7700			10200	9000	11900	11900	15900	15900		
1.5m 5′	kg	* 4800	3350			* 5150	3950	* 6350	5550	* 8950	8450		
	lb	10500	7400			11300	8700	14000	12200	19800	18600		
0	kg	* 5150	3450			* 5550	3850	* 7050	5350	* 9950	8150		
	lb	11400	7600			12300	8500	15600	11800	22000	18000		
−1.5m −5′	kg	* 5650	3800			* 5700	3850	* 7400	5300	* 10250	8100	* 11000	* 11000
	lb	12500	8400			12600	8500	16300	11700	22600	17900	24200	24200
−3.0m −1.0′	kg	* 6300	4650					* 7200	5350	* 9900	8200	* 14500	* 14500
	lb	13900	10200					15800	11800	21800	18100	32000	32000
−4.5m −15′	kg	* 7100	6950							* 8400	* 8400		
	lb	15700	15300							18500	18500		

Notes: 1. Ratings are based on SAE Standard NO. J1097.
2. Lifting capacities shown do not exceed 75%, of tipping load of 87%, of hydraulic capacities.
3. An asterisk(*) are limited by hydraulic capacities.
4. Lifting capacities assume the machine equipped with 710mm (28") shoe is standing level on a term uniform supporting surface.
5. The load point is an optional hook located on back of the bucket.

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Arm length 3050mm(10')

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Arm length 3050mm(10')

A / B		⊕		9,0 m (30')		7,5 m (25')		6,0 m (20')		4,5 m (15')		3,0 m (10')	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.5m 25′	kg	* 3100	* 3100										
	lb	6900	6900										
6.0m 20′	kg	* 3000	* 3000			* 3600	* 3600						
	lb	6600	6600			8000	8000						
4.5m 15′	kg	* 3050	* 3050			* 3850	* 3850	* 4100	* 4100				
	lb	6700	6700			8500	8500	9000	9000				
3.0m 10′	kg	* 3200	* 3200			* 4350	4150	* 5050	* 5050	* 6550	* 6550	* 10900	* 10900
	lb	7100	7100			9600	9200	11100	11100	14400	14400	24000	24000
1.5m 5′	kg	* 3550	3100			* 4950	4000	* 6050	5650	* 8450	* 8450	* 5250	* 5250
	lb	7800	6900			10900	8900	13400	12400	18600	18600	11500	11500
0	kg	* 4100	3200			* 5450	3900	* 6900	5450	* 9700	* 8300	* 6850	* 6850
	lb	9100	7000			12000	8600	15200	12000	21400	18200	15100	15100
−1.5m −5′	kg	* 5100	3450			* 5700	3850	* 7350	5350	* 10300	8150	* 10200	* 10200
	lb	11200	7700			12600	8500	16200	11800	22700	18000	22500	22500
−3.0m −10′	kg	* 5850	4100					* 7350	5350	* 10150	8200	* 14900	* 14900
	lb	12900	9000					16300	11800	22400	18100	32900	32900
−4.5m −15′	kg	* 6600	5550							* 9150	8400	* 13450	* 13450
	lb	14600	12400							20200	18500	29600	29600

Arm length 3500mm(11'6")

7.5m 25′	kg	* 2550	* 2550										
	lb	5600	5600										
6.0m 20′	kg	* 2400	* 2400			* 3150	* 3150						
	lb	5300	5300			6900	6900						
4.5m 15′	kg	* 2450	* 2450			* 3450	* 3450						
	lb	5400	5400			7600	7600						
3.0m 10′	kg	* 2550	* 2550	* 3500	3050	* 4000	* 4000	* 4550	* 4550	* 5750	* 5750	* 8950	* 8950
	lb	5700	5700	7700	6700	8800	8800	10000	10000	12700	12700	19700	19700
1.5m 5′	kg	* 2800	* 2800	* 4050	2950	* 4600	4000	* 5600	* 5600	* 7750	* 7750	* 7050	* 7050
	lb	6200	6200	9000	6500	10100	8800	12400	12400	17100	17100	15500	15500
0	kg	* 3200	2850	* 3700	2900	* 5150	3850	* 6550	5400	* 9250	8300	* 6950	* 6950
	lb	7000	6300	8100	6400	11400	8500	14400	11900	20400	18300	15300	15300
−1.5m −5′	kg	* 3850	3100			* 5550	3800	* 7150	5250	* 10050	8100	* 9300	* 9300
	lb	8500	6800			12200	8400	15800	11600	22100	17800	20600	20600
−3.0m −10′	kg	* 5100	3550			* 5600	3800	* 7350	5250	* 10150	8100	* 13050	* 13050
	lb	11200	7900			12300	8400	16200	11600	22400	17800	28800	28800
−4.5m −15′	kg	* 5900	4650					* 6850	5350	* 9500	8200	* 14200	* 14200
	lb	13000	10200					15100	11800	21000	18100	31300	31300

Notes:
1. *Ratings are based on DIN 15019.*
2. *Lifting capacities shown include a safety margin of 25%.*
3. *Capacities marked with an asterisk(*) are limited by hydraulic capacities.*
4. *Lifting capacities assume the machine is standing level on a firm, uniform supporting surface.*
5. *The load point is in an optional hook located on back of the bucket.*

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PC300-3

Unit: kg (lb)

A / B	Max.		9.0 m (30')		7.5 m (25')		6.0 m (20')		4.5 m (15')		3.0 m (10')	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
STD ARM L:3130mm(10'3")												
6.0 m (20')	* 3750 (8300)	* 3750 (8300)			* 5450 (12000)	5050 (11100)						
4.5 m (15')	* 3850 (8500)	3250 (7200)	* 4850 (10700)	3400 (7500)	* 5900 (13000)	4850 (10700)	* 6900 (15200)	* 6900 (15200)				
3.0 m (10')	* 4100 (9000)	2950 (6500)	4850 (10700)	3300 (7300)	* 6450 (14200)	4600 (10100)	* 8000 (17600)	6650 (14600)	*11050 (24300)	10450 (23000)		
1.5 m (5')	4250 (9400)	2850 (6300)	4700 (10300)	3150 (7000)	6350 (14000)	4350 (9500)	* 8950 (19800)	6150 (13600)	*12800 (28200)	9500 (20900)		
0.0 m (0')	4300 (9500)	2850 (6300)	4600 (10100)	3050 (6800)	6150 (13500)	4150 (9100)	8750 (19300)	5850 (12900)	*13400 (29600)	9050 (19900)	* 5550 (12300)	* 5550 (12300)
-1.5 m (-5')	4650 (10300)	3100 (6800)			6050 (13300)	4050 (8900)	8600 (18900)	5700 (12500)	*13100 (28800)	8950 (19700)	* 9850 (21700)	* 9850 (21700)
-3.0 m (10')	5400 (11900)	3600 (8000)			6050 (13400)	4050 (8900)	8600 (19000)	5700 (12600)	*11950 (26300)	9000 (19900)	*14800 (32600)	*14800 (32600)
-4.5 m (-15')	* 5850 (12900)	4700 (10400)					* 7300 (16100)	5850 (13000)	* 9850 (21700)	9300 (20500)	*13100 (28900)	*13100 (28900)
-6.0 m (-20')	* 5000 (11000)	* 5000 (11000)							* 5950 (13100)	* 5950 (13100)		
LONG ARM L:4020mm(13'2")												
6.0 m (20')	* 2550 (5600)	* 2550 (5600)	* 4100 (9000)	3550 (7800)								
4.5 m (15')	* 2550 (5700)	* 2550 (5700)	* 4600 (10200)	3450 (7600)	* 5100 (11200)	4900 (10800)						
3.0 m (10')	* 2700 (5900)	2400 (5300)	4800 (10600)	3250 (7200)	* 5700 (12600)	4600 (10200)	* 7000 (15400)	6800 (15000)	* 9350 (20600)	* 9350 (20600)	*15200 (33600)	*15200 (33600)
1.5 m (5')	* 2950 (6500)	2300 (5000)	4650 (10200)	3100 (6800)	6350 (14000)	4300 (9500)	* 8150 (17900)	6200 (13700)	*11550 (25400)	9750 (21500)	* 5650 (12400)	* 5650 (12400)
0.0 m (0')	* 3300 (7300)	2300 (5100)	4450 (9900)	2950 (6500)	6050 (13400)	4050 (8900)	8700 (19200)	5800 (12700)	*12800 (28200)	9000 (19900)	* 6100 (13400)	* 6100 (13400)
-1.5 m (-5')	3800 (8300)	2450 (5400)	4350 (9600)	2850 (6300)	5900 (13000)	3850 (8500)	8400 (18600)	5500 (12200)	*13050 (28800)	8700 (19200)	* 8550 (18800)	* 8550 (18800)
-3.0 m (-10')	4250 (9400)	2750 (6100)	4350 (9600)	2850 (6300)	5800 (12800)	3800 (8400)	8350 (18400)	5450 (12000)	*12500 (27500)	8650 (19100)	*11950 (26400)	*11950 (26400)
-4.5 m (-15')	* 5100 (11200)	3450 (7600)			5900 (13000)	3900 (8600)	* 8100 (17900)	5500 (12200)	*11000 (24300)	8800 (19400)	*15700 (34700)	*15700 (34700)

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Ratings are based on SAE Standard No. J1097. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

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PC300-3

Unit: kg (lb)

A / B	Max.		9.0 m (30')		7.5 m (25')		6.0 m (20')		4.5 m (15')		3.0 m (10')	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
EXTRA-SHORT ARM L:2200mm(7'3")												
6.0 m (20')	* 6250 (13700)	4750 (10500)			* 6250 (13800)	4900 (10800)	* 7000 (15400)	*7000 (15400)				
4.5 m (15')	5750 (12700)	4000 (8800)			* 6550 (14500)	4750 (10500)	* 7800 (17200)	6950 (15300)	*10300 (22800)	*10300 (22800)		
3.0 m (10')	5250 (11600)	3600 (7900)			6550 (14500)	4550 (10000)	* 8800 (19400)	6450 (14200)	*12450 (27500)	9850 (21700)		
1.5 m (5')	5050 (11200)	3450 (7600)			6350 (14000)	4300 (9500)	8950 (19800)	6050 (13300)	*13500 (29700)	9150 (20200)		
0.0 m (0')	5200 (11500)	3500 (7800)			6200 (13600)	4200 (9200)	870[illegible] (19200)	5850 (12800)	*13250 (29200)	9000 (19800)		
-1.5 m (-5')	5700 (12600)	3850 (8500)			6150 (13600)	4150 (9200)	8650 (19100)	5800 (12700)	*12350 (27200)	9050 (20000)	*11500 (25400)	*11500 (25400)
-3.0 m (-10')	* 6700 (14700)	4700 (10400)					* 8250 (18200)	5900 (13000)	*10700 (23600)	9250 (20400)	*13150 (29000)	*13150 (29000)
-4.5 m (-15')	* 6200 (13700)	* 6200 (13700)							* 7800 (17200)	* 7800 (17200)		
SHORT ARM L:2550mm(8'4")												
6.0 m (20')	* 5400 (12000)	4250 (9400)			* 5950 (13100)	4950 (10900)						
4.5 m (15')	5250 (11600)	3600 (8000)			* 6300 (13900)	4800 (10600)	* 7500 (16500)	7000 (15500)	* 9750 (21500)	* 9750 (21500)		
3.0 m (10')	4800 (10600)	3300 (7200)			6600 (14500)	4550 (10000)	* 8500 (18800)	6500 (14400)	*11950 (26300)	10050 (22200)		
1.5 m (5')	4650 (10300)	3150 (7000)	4700 (10400)	3200 (7000)	6350 (14000)	4300 (9500)	9000 (19900)	6100 (13400)	*13300 (29300)	9300 (20500)		
0.0 m (0')	4800 (10500)	3200 (7100)			6150 (13600)	4150 (9200)	8750 (19200)	5850 (12900)	*13400 (29600)	9000 (19900)		
-1.5 m (-5')	5200 (11500)	3500 (7700)			6100 (13500)	4100 (9000)	8650 (19000)	5750 (12700)	*12700 (28000)	9000 (19900)	*10250 (22600)	*10250 (22600)
-3.0 m (-10')	6150 (13600)	4150 (9200)			6200 (13700)	4200 (9200)	* 8550 (18800)	5800 (12800)	*11250 (24800)	9150 (20200)	*14550 (32100)	*14550 (32100)
-4.5 m (-15')	* 5900 (13100)	5750 (12700)					* 6350 (14000)	6100 (13400)	* 8650 (19100)	* 8650 (19100)	*10850 (23900)	*10850 (23900)

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PC300LC-3

Unit: kg (lb)

A / B	Max.		9.0 m (30')		7.5 m (25')		6.0 m (20')		4.5 m (15')		3.0 m (10')	
	Cf	Ca	Cf	Ca	Cf	Ca	Cf	Ca	Cf	Ca	Cf	Ca
STD ARM L:3130mm(10'3")												
6.0 m (20')	* 3750 (8300)	* 3750 (8300)			* 5450 (12000)	5300 (11700)						
4.5 m (15')	* 3850 (8500)	3450 (7600)	* 4850 (10700)	3600 (8000)	* 5900 (13000)	5100 (11200)	* 6900 (15200)	* 6900 (15200)				
3.0 m (10')	* 4100 (9000)	3150 (6900)	* 5550 (12200)	3500 (7700)	* 6450 (14200)	4850 (10700)	* 8000 (17600)	6950 (15300)	*11050 (24300)	10900 (24100)		
1.5 m (5')	* 4500 (10000)	3000 (6700)	* 5750 (12700)	3350 (7400)	* 6950 (15400)	4550 (10100)	* 8950 (19800)	6500 (14300)	*12800 (28200)	10000 (22000)		
0.0 m (0')	* 5200 (11500)	3050 (6800)	5650 (12500)	3250 (7200)	* 7300 (16100)	4400 (9700)	* 9500 (21000)	6150 (13600)	*13400 (29600)	9550 (21000)	* 5550 (12300)	* 5550 (12300)
-1.5 m (-5')	5750 (12700)	3300 (7300)			* 7300 (16100)	4300 (9400)	* 9550 (21000)	6000 (13300)	*13100 (28800)	9400 (20800)	* 9850 (21700)	* 9850 (21700)
-3.0 m (-10')	* 5900 (13000)	3850 (8400)			* 6700 (14800)	4300 (9500)	* 8900 (19600)	6050 (13300)	*11950 (26300)	9500 (21000)	*14800 (32600)	*14800 (32600)
-4.5 m (-15')	* 5850 (12900)	5000 (11000)					* 7300 (16100)	6200 (13700)	* 9850 (21700)	9750 (21500)	*13100 (28900)	*13100 (28900)
-6.0 m (-20')	* 5000 (11000)	* 5000 (11000)							* 5950 (13100)	* 5950 (13100)		
LONG ARM L:4020mm(13'2")												
6.0 m (20')	* 2550 (5600)	* 2550 (5600)	* 4100 (9000)	3750 (8200)								
4.5 m (15')	* 2550 (5700)	* 2550 (5700)	* 4600 (10200)	3650 (8000)	* 5100 (11200)	* 5100 (11200)						
3.0 m (10')	* 2700 (5900)	2550 (5600)	* 4950 (10900)	3450 (7600)	* 5700 (12600)	4850 (10700)	* 7000 (15400)	* 7000 (15400)	* 9350 (20600)	* 9350 (20600)	*15200 (33600)	*15200 (33600)
1.5 m (5')	* 2950 (6500)	2450 (5400)	* 5300 (11700)	3300 (7300)	* 6350 (14000)	4550 (10000)	* 8150 (17900)	6550 (14400)	*11550 (25400)	10250 (22600)	* 5650 (12400)	* 5650 (12400)
0.0 m (0')	* 3300 (7300)	2450 (5400)	* 5550 (12200)	3150 (6900)	* 6850 (15100)	4300 (9500)	* 8950 (19700)	6100 (13500)	*12800 (28200)	9500 (21000)	* 6100 (13400)	* 6100 (13400)
-1.5 m (-5')	* 3900 (8600)	2600 (5800)	5450 (12000)	3050 (6700)	* 7100 (15600)	4100 (9100)	* 9300 (20500)	5850 (12900)	*13050 (28800)	9200 (20300)	* 8550 (18800)	* 8550 (18800)
-3.0 m (-10')	* 4900 (10900)	2950 (6500)	* 5200 (11500)	3050 (6700)	* 6850 (15200)	4050 (9000)	* 9050 (20000)	5750 (12700)	*12500 (27500)	9150 (20200)	*11950 (26400)	*11950 (26400)
-4.5 m (-15')	* 5100 (11200)	3650 (8100)			* 6000 (13200)	4150 (9100)	* 8100 (17900)	5850 (12900)	*11000 (24300)	9300 (20500)	*15700 (34700)	*15700 (34700)

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Unit: kg (lb)

A / B	⊗ Max.		9.0 m (30')		7.5 m (25')		6.0 m (20')		4.5 m (15')		3.0 m (10')	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
EXTRA-SHORT ARM L:2200mm(7'3")												
6.0 m (20')	* 6250 (13700)	5000 (11000)			* 6250 (13800)	5150 (11400)	* 7000 (15400)	* 7000 (15400)				
4.5 m (15')	* 6200 (13600)	4200 (9300)			* 6550 (14500)	5000 (11000)	* 7800 (17200)	7250 (16000)	*10300 (22800)	*10300 (22800)		
3.0 m (10')	* 6250 (13800)	3800 (8400)			* 7000 (15500)	4750 (10500)	* 8800 (19400)	6750 (14900)	*12450 (27500)	10300 (22800)		
1.5 m (5')	6250 (13700)	3650 (8100)			* 7400 (16300)	4550 (10100)	* 9500 (21000)	6350 (14100)	*13500 (29700)	9650 (21200)		
0.0 m (0')	6400 (14100)	3750 (8200)			* 7500 (16600)	4450 (9900)	* 9750 (21500)	6150 (13600)	*13250 (29200)	9500 (20900)		
-1.5 m (-5')	* 6650 (14700)	4100 (9000)			* 7150 (15800)	4400 (9700)	* 9350 (20600)	6100 (13500)	*12350 (27200)	9550 (21000)	*11500 (25400)	*11500 (25400)
-3.0 m (-10')	* 6700 (14700)	4950 (11000)					* 8250 (18200)	6200 (13700)	*10700 (23600)	9750 (21500)	*13150 (29000)	*13150 (29000)
-4.5 m (-15')	* 6200 (13700)	* 6200 (13700)							* 7800 (17200)	* 7800 (17200)		
SHORT ARM L:2550mm(8'4")												
6.0 m (20')	* 5400 (12000)	4500 (9900)			* 5950 (13100)	5200 (11500)						
4.5 m (15')	* 5550 (12200)	3850 (8400)			* 6300 (13900)	5050 (11100)	* 7500 (16500)	7350 (16200)	* 9750 (21500)	* 9750 (21500)		
3.0 m (10')	* 5850 (12900)	3500 (7700)			* 6800 (15000)	4800 (10600)	* 8500 (18800)	6850 (15100)	*11950 (26300)	10550 (23300)		
1.5 m (5')	5750 (12700)	3350 (7400)	5800 (12800)	3400 (7400)	* 7250 (16000)	4550 (10100)	* 9350 (20600)	6400 (14100)	*13300 (29300)	9750 (21500)		
0.0 m (0')	5900 (13000)	3400 (7500)			* 7450 (16400)	4400 (9700)	* 9700 (21400)	6150 (13600)	*13400 (29600)	9500 (20900)		
-1.5 m (-5')	* 6200 (13700)	3700 (8200)			* 7250 (16000)	4350 (9600)	* 9450 (20900)	6050 (13400)	*12700 (28000)	9500 (20900)	*10250 (22600)	*10250 (22600)
-3.0 m (-10')	* 6250 (13800)	4400 (9700)			* 6300 (13900)	4450 (9800)	* 8550 (18800)	6150 (13600)	*11250 (24800)	9650 (21300)	*14550 (32100)	*14550 (32100)
-4.5 m (-15')	* 5900 (13100)	* 5900 (13100)					* 6350 (14000)	* 6350 (14000)	* 8650 (19100)	* 8650 (19100)	*10850 (23900)	*10850 (23900)

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PC300NLC-3

Unit : kg (lb)

A / B	Max.		9.0m (30')		7.5m (25')		6.0m (20')		4.5m (15')		3.0m (10')	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
EXTRA-SHORT ARM L:2200mm(7'3")												
6.0m (20')	*6250 (13700)	4450 (9900)			*6250 (13800)	4600 (10200)	*7000 (15400)	6900 (15200)				
4.5m (15')	*6200 (13600)	3750 (8200)			*6550 (14500)	4450 (9800)	*7800 (17200)	6500 (14300)	*10300 (22800)	10250 (22600)		
3.0m (10')	*6250 (13800)	3350 (7400)			*7000 (15500)	4250 (9300)	*8800 (19400)	6000 (13300)	*12450 (27500)	9100 (20100)		
1.5m (5')	6100 (13400)	3200 (7100)			*7400 (16300)	4000 (8900)	*9500 (21000)	5650 (12400)	*13500 (29700)	8450 (18600)		
0.0m (0')	6250 (13800)	3250 (7200)			7450 (16400)	3900 (8600)	*9750 (21500)	5400 (11900)	*13250 (29200)	8300 (18300)		
– 1.5m (– 5')	*6650 (14700)	3600 (7900)			*7150 (15800)	3850 (8500)	*9350 (20600)	5350 (20600)	*12350 (27200)	8350 (18400)	*11500 (25400)	*11500 (25400)
– 3.0m (– 10')	*6700 (14700)	4400 (9700)					*8250 (18200)	5500 (12100)	*10700 (23600)	8550 (18900)	*13150 (29000)	*13150 (29000)
– 4.5m (– 15')	*6200 (13700)	*6200 (13700)							*7800 (17200)	*7800 (17200)		
SHORT ARM L:2550mm(8'4")												
6.0m (20')	*5400 (12000)	4000 (8800)			*5950 (13100)	4650 (10300)						
4.5m (15')	*5550 (12200)	3400 (7500)			*6300 (13900)	4500 (9900)	*7500 (16500)	6550 (14500)	*9750 (21500)	*9750 (21500)		
3.0m (10')	5800 (12700)	3050 (6800)			*6800 (15000)	4250 (9400)	*8500 (18800)	6100 (13400)	*11950 (26300)	9350 (20600)		
1.5m (5')	5600 (12400)	2950 (6500)	5650 (12500)	2950 (6500)	*7250 (16000)	4000 (8900)	*9350 (20600)	5650 (12500)	*13300 (29300)	8550 (18900)		
0.0m (0')	5750 (12700)	3000 (6600)			7450 (16400)	3850 (8500)	*9700 (21400)	5400 (11900)	*13400 (29600)	8300 (18300)		
– 1.5m (– 5')	*6200 (13700)	3250 (7200)			*7250 (16000)	3800 (8400)	*9450 (20900)	5350 (11800)	*12700 (28000)	8300 (18300)	*10250 (22600)	*10250 (22600)
– 3.0m (– 10')	*6250 (13800)	3900 (8600)			*6300 (13900)	3900 (8600)	*8550 (18800)	5400 (11900)	*11250 (24800)	8450 (18700)	*14550 (32100)	*14550 (32100)
– 4.5m (– 15')	*5900 (13100)	5350 (11800)					*6350 (14000)	5650 (12500)	*8650 (19100)	*8650 (19100)	*10850 (23900)	*10850 (23900)

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PC300NLC-3

Unit : kg (lb)

A / B	Max.		9.0m (30')		7.5m (25')		6.0m (20')		4.5m (15')		3.0m (10')	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
STD ARM L:3130mm(10'3")												
6.0m (20')	*3850 (8500)	3550 (7800)			*5450 (12000)	4750 (10500)						
4.5m (15')	*3850 (8500)	3050 (6700)	*4850 (16700)	3200 (7000)	*5900 (13000)	4550 (10000)	*6900 (15200)	6700 (14800)				
3.0m (10')	*4100 (9000)	2750 (6100)	*5550 (12200)	3050 (6800)	*6450 (14200)	4300 (9500)	*8000 (17600)	6200 (13700)	*11050 (24300)	9700 (21300)		
1.5m (5')	*4500 (10000)	2650 (5800)	5650 (12400)	2950 (6500)	*6950 (15400)	4050 (8900)	*8950 (19800)	5750 (12600)	*12800 (28200)	8750 (19300)		
0.0m (0')	*5200 (11500)	2650 (5900)	5550 (12200)	2850 (6300)	*7300 (16100)	3850 (8500)	*9500 (21000)	5400 (11900)	*13400 (29600)	8350 (18400)	*5550 (12300)	*5550 (12300)
-1.5m (-5')	5600 (12400)	2850 (6300)			*7300 (16100)	3750 (8300)	*9550 (21000)	5250 (11600)	*13100 (28800)	8200 (18100)	*9850 (21700)	*9850 (21700)
-3.0m (-10')	*5900 (13000)	3350 (7400)			*6700 (14800)	3750 (8300)	*8900 (19600)	5300 (11700)	*11950 (26300)	8300 (18300)	*14800 (32600)	*14800 (32600)
-4.5m (-15')	*5850 (12900)	4400 (9700)					*7300 (16100)	5450 (12000)	*9850 (21700)	8550 (18900)	*13100 (28900)	*13100 (28900)
-6.0m (-20)												
LONG ARM L:4020mm(13'2")												
6.0m (20')	*2550 (5600)	*2550 (5600)	*4100 (9000)	3300 (7300)								
4.5m (15')	*2550 (5700)	2400 (5400)	*4600 (10200)	3200 (7100)	*5100 (11200)	4600 (10200)						
3.0m (10')	*2700 (5900)	2200 (4900)	*4950 (10900)	3050 (6700)	5700 (12600)	4300 (9500)	*7000 (15400)	6350 (14000)	*9350 (20600)	*9350 (20600)	*15200 (33600)	*15200 (33600)
1.5m (5')	*2950 (6500)	2100 (4600)	*5300 (11700)	2850 (6300)	*6350 (14000)	4000 (8800)	*8150 (17900)	5800 (12800)	*11550 (25400)	9000 (19900)	*5650 (12400)	*5650 (12400)
0.0m (0')	*3300 (7300)	2100 (4700)	5400 (12000)	2700 (6000)	*6850 (15100)	3750 (8300)	*8950 (19700)	5350 (11800)	*12800 (28200)	8300 (18300)	*6100 (13400)	*6100 (13400)
-1.5m (-5')	*3900 (8600)	2250 (5000)	5300 (11700)	2650 (5800)	*7100 (15600)	3600 (7900)	*9300 (20500)	5100 (11300)	*13050 (28800)	8000 (17600)	*8550 (18800)	*8550 (18800)
-3.0m (-10')	*4900 (10900)	2550 (5600)	*5200 (11500)	2650 (5800)	*6850 (15200)	3550 (7800)	*9050 (20000)	5050 (11100)	*12500 (27500)	7950 (17500)	*11950 (26400)	*11950 (26400)
-4.5m (-15')	*5100 (11200)	3200 (7000)			*6000 (13200)	3600 (7900)	*8100 (17900)	5100 (11300)	*11000 (24300)	8100 (17900)	*15700 (34700)	*15700 (34700)

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PC360LC-3

Arm length 2200mm(7'3")

A / B		⊗		9.0m (30′)		7.5m (25′)		6.0m (20′)		4.5m (15′)		3.0m (10′)	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.5m 25′	kg	*6300	*6300										
	lb	13900	13900										
6.0m 20′	kg	*6100	*6100			*6150	*6150	*6950	*6950				
	lb	13400	13400			13500	13500	15300	15300				
4.5m 15′	kg	*6050	5550			*6450	*6450	*7800	*7800	*10400	*10400		
	lb	13300	12300			14300	14300	17200	17200	23000	23000		
3.0m 10′	kg	*6100	5100			*6900	6350	*8750	*8750	*12500	*12500		
	lb	13500	11300			15300	14100	19300	19300	27500	27500		
1.5m 5′	kg	*6250	5000			*7250	6150	*9400	8600	*13350	13200		
	lb	13700	11000			16000	13600	20700	19000	29400	29100		
0	kg	*6400	5150			*7350	6050	*9550	8400	*13050	*13050		
	lb	14100	11300			16200	13300	21100	18500	28700	28700		
−1.5m −5′	kg	*6550	5700			*6950	6000	*9150	8350	*12050	*12050	*12300	*12300
	lb	14400	12500			15300	13300	20100	18400	26600	26600	27100	27100
−3.0m −10′	kg	*6500	*6500					*7900	*7900	*10300	*10300	*12700	*12700
	lb	14400	14400					17400	17400	22800	22800	28000	28000
−4.5m −15′	kg	*5900	*5900							*7200	*7200		
	lb	13100	13100							15900	15900		

Arm length 2550mm(8'4")

7.5m 25′	kg	*5400	*5400										
	lb	11900	11900										
6.0m 20′	kg	*5300	*5300			*5850	*5850						
	lb	11700	11700			12900	12900						
4.5m 15′	kg	*5450	5100			*6200	*6200	*7450	*7450	*9850	*9850		
	lb	12100	11200			13700	13700	16400	16400	21700	21700		
3.0m 10′	kg	*5700	4700	*5700	4700	*6700	6400	*8450	*8450	*12000	*12000		
	lb	12600	10400	12600	10400	14800	14100	18700	18700	26500	26500		
1.5m 5′	kg	*5800	4600	*5850	4600	*7150	6150	*9250	8650	*13200	*13200		
	lb	12800	10100	12900	10200	15700	13600	20400	19000	29100	29100		
0	kg	*5950	4700			*7300	6000	*9550	8400	*13200	*13100		
	lb	13100	10400			16100	13200	21000	18500	29100	28800		
−1.5m −5′	kg	*6050	5150			*7050	5950	*9250	8300	*12450	*12450	*10800	*10800
	lb	13400	11400			15500	13100	20400	18300	27400	27400	23800	23800
−3.0m −10′	kg	*6100	*6100					*8250	*8250	*10900	*10900	*14050	*14050
	lb	13400	13400					18200	18200	24000	24000	31000	31000
−4.5m −15′	kg	*5700	*5700					*5850	*5850	*8100	*8100	*10150	*10150
	lb	12600	12600					12900	12900	17900	17900	22400	22400

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Arm length 3130mm(10'3)

A / B		⊕		9.0m (30′)		7.5m (25′)		6.0m (20′)		4.5m (15′)		3.0m (10′)	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.5m 25′	kg	*3700	*3700			*4900	*4900						
	lb	8200	8200			10800	10800						
6.0m 20′	kg	*3650	*3650			*5350	*5350						
	lb	8000	8000			11800	11800						
4.5m 15′	kg	*3750	*3750	*4950	4850	*5800	*5800	*6850	*6850				
	lb	8300	8300	10900	10700	12800	12800	15100	15100				
3.0m 10′	kg	*4000	*4000	*5400	4700	*6350	*6350	*7950	*7950	*11100	*11100		
	lb	8900	8900	11900	10400	14000	14000	17500	17500	24500	24500		
1.5m 5′	kg	*4450	4150	*5650	4600	*6850	6150	*8900	8700	*12750	*12750		
	lb	9900	9200	12500	10100	15200	13600	19600	19200	28100	28100		
0	kg	*5200	4250	*5700	4500	7200	6000	*9400	8400	*13250	13100	*5900	*5900
	lb	11500	9400	12600	9900	15800	13200	20700	18500	29200	28900	13000	13000
−1.5m −5′	kg	*5650	4600			*7100	5900	*9350	8250	*12850	*12850	*10200	*10200
	lb	12400	10200			15700	13000	20600	18200	28300	28300	22500	22500
−3.0m −10′	kg	*5750	5400			*6450	5900	*8650	8300	*11600	*11600	*15250	*15250
	lb	12700	11900			14200	13100	19000	18300	25600	25600	33600	33600
−4.5m −15′	kg	*5650	*5650					*6900	*6900	*9350	*9350	*12450	*12450
	lb	12500	12500					15300	15300	20700	20700	27500	27500
−5.8m −19′	kg	*4900	*4900							*5850	*5850		
	lb	10800	10800							13000	13000		

Arm length 4020mm(13'2")

9.0m 30′	kg	*2750	*2750										
	lb	6000	6000										
7.5m 25′	kg	*2500	*2500										
	lb	5600	5600										
6.0m 20′	kg	*2450	*2450	*4150	*4150								
	lb	5400	5400	9100	9100								
4.5m 15′	kg	*2500	*2500	*4550	*4550	*5050	*5050						
	lb	5500	5500	10100	10100	11200	11200						
3.0m 10′	kg	*2650	*2650	*4900	4750	*5700	*5700	*7050	*7050	*9550	*9550	*15800	*15800
	lb	5800	5800	10800	10500	12600	12600	15500	15500	21000	21000	34800	34800
1.5m 5′	kg	*2900	*2900	*5250	4550	*6350	6200	*8150	*8150	*11650	*11650	*5400	*5400
	lb	6400	6400	11600	10100	14000	13600	18000	18000	25600	25600	11900	11900
0	kg	*3300	*3300	*5500	4400	*6800	5950	*8950	8400	*12800	*12800	*6200	*6200
	lb	7300	7300	12100	9800	15000	13100	19700	18500	28200	28200	13700	13700
−1.5m −5′	kg	*3900	3800	*5500	4350	*7000	5750	*9200	8150	*12950	12850	*8750	*8750
	lb	8700	8400	12100	9600	15400	12700	20300	17900	28600	28300	19300	19300
−3.0m −10′	kg	*4950	4300	*5050	4350	*6750	5700	*8900	8050	*12300	*12300	*12300	*12300
	lb	10900	9500	11100	9600	14900	12600	19700	17800	27100	27100	27100	27100
−4.5m −15′	kg	*5000	*5000			*5750	*5750	*7900	*7900	*10700	*10700	*15250	*15250
	lb	11000	11000			12700	12700	17400	17400	23600	23600	33700	33700

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PC400-3

Arm length 3555mm(11')

Unit: kg (lb)

A / B	MAX		9.0 m (30')		7.5 m (25')		6.0 m (20')		4.5 m (15')		3.0 m (10')	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
6.0 m (20')	* 4900 (10900)	* 4900 (10900)	* 7150 (15700)	5650 (12400)	* 7800 (17200)	* 7800 (17200)						
4.5 m (15')	* 5100 (11200)	4350 (9600)	* 7500 (16600)	5450 (12100)	* 8550 (18900)	7600 (16700)	*10350 (22800)	*10350 (22800)				
3.0 m (10')	* 5400 (12000)	4050 (8900)	7600 (16800)	5250 (11600)	* 9450 (20900)	7150 (15800)	*12000 (26400)	10250 (22600)	*17000 (37500)	16050 (35300)		
1.5 m (5')	5850 (12900)	3950 (8700)	7400 (16300)	5000 (11100)	9950 (21900)	6800 (14900)	*13300 (29300)	9550 (21100)	*18050 (39800)	14800 (32600)		
0.0 m (0')	6000 (13200)	4000 (8800)	7200 (15900)	4850 (10700)	9650 (21200)	6500 (14300)	13750 (30300)	9150 (20200)	*17800 (39300)	14300 (31500)		
-1.5 m (-5')	6400 (14100)	4300 (9400)	7100 (15700)	4800 (10500)	9450 (20900)	6350 (14000)	13550 (29900)	8950 (19800)	*18850 (41500)	14200 (31400)	*11850 (26200)	*11850 (26200)
-3.0 m (-10')	7250 (16000)	4900 (10800)			9450 (20900)	6350 (14000)	*13100 (28900)	9000 (19800)	*17250 (38100)	14350 (31700)	*17600 (38800)	*17600 (38800)
-4.5 m (-15')	* 7750 (17100)	6100 (13500)			* 8450 (18600)	6550 (14400)	*11250 (24800)	9200 (20300)	*14650 (32300)	*14650 (32300)	*19100 (42100)	*19100 (42100)
-6.0 m (-20')	* 7050 (15600)	* 7050 (15600)					* 7550 (16600)	* 7550 (16600)	*10250 (22500)	*10250 (22500)		

* Load is limited by hydraulic capacity rather than tipping.

Ratings are based on SAE Standard No. J1097. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

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PC400-3

Arm length 4810mm(15'9")

Unit: kg (lb)

A / B	MAX		10.5 m (35')		9.0 m (30')		7.5 m (25')		6.0 m (20')		4.5 m (15')		3.0 m (10')	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
6.0 m (20')	* 2900 (6400)	* 2900 (6400)	* 4650 (10300)	4200 (9300)	* 5750 (12700)	* 5750 (12700)								
4.5 m (15')	* 2950 (6500)	* 2950 (6500)	* 5750 (12700)	4050 (9000)	* 6250 (13800)	5600 (12400)								
3.0 m (10')	* 3100 (6900)	3100 (6800)	5800 (12800)	3900 (8600)	* 6850 (15100)	5300 (11700)	* 8000 (17600)	7400 (16300)	* 9850 (21700)	* 9850 (21700)				
1.5 m (5')	* 3400 (7500)	3000 (6600)	5600 (12400)	3750 (8200)	7400 (16300)	5000 (11100)	* 9000 (19900)	6900 (15200)	*11600 (25600)	9900 (21800)	*16500 (36400)	15600 (34400)	* 8000 (17700)	* 8000 (17700)
0.0 m (0')	* 3800 (8400)	3000 (6600)	5450 (12000)	3550 (7900)	7100 (15700)	4750 (10500)	9600 (21200)	6450 (14200)	*12850 (28400)	9200 (20200)	*18400 (40600)	14400 (31800)	* 8000 (17600)	* 8000 (17600)
-1.5 m (-5')	* 4400 (9800)	3150 (6900)	5350 (11800)	3450 (7700)	6900 (15200)	4550 (10100)	9300 (20500)	6150 (13600)	13350 (29500)	8750 (19300)	*19000 (41800)	13850 (30600)	*10350 (22800)	*10350 (22800)
-3.0 m (-10')	5350 (11800)	3500 (7700)			6800 (15000)	4500 (9900)	9150 (20100)	6000 (13300)	13150 (29000)	8550 (18900)	*18500 (40800)	13750 (30300)	*13650 (30100)	*13650 (30100)
-4.5 m (-15')	6250 (13800)	4100 (9000)			6850 (15100)	4500 (10000)	9150 (20200)	6000 (13300)	*12600 (27800)	8600 (19000)	*17000 (37500)	13850 (30600)	*17950 (39500)	*17950 (39500)
-6.0 m (-20')	* 6550 (14400)	5300 (11700)					* 8000 (17600)	6200 (13700)	*10700 (23500)	8850 (19500)	*14300 (31500)	14250 (31400)	*20000 (44100)	*20000 (44100)

Arm length 2900mm(9'6")

Unit: kg (lb)

A / B	MAX		10.5 m (35')		9.0 m (30')		7.5 m (25')		6.0 m (20')		4.5 m (15')		3.0 m (10')	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
6.0 m (20')	* 7600 (16700)	5650 (12400)					* 8250 (18200)	7850 (17300)						
4.5 m (15')	7150 (15700)	4950 (10900)			7800 (17200)	5400 (11900)	* 9000 (19800)	7500 (16500)	*10950 (24200)	10850 (23900)	*14800 (32600)	*14800 (32600)		
3.0 m (10')	6650 (14700)	4550 (10000)			7600 (16700)	5200 (11500)	* 9800 (21700)	7100 (15600)	*12500 (27600)	10050 (22200)	*17950 (39600)	15550 (34300)		
1.5 m (5')	6500 (14300)	4400 (9700)			7350 (16200)	5000 (11100)	9900 (21800)	6750 (14800)	*13650 (30100)	9450 (20800)	*16300 (35900)	14500 (32000)		
0.0 m (0')	6650 (14700)	4500 (9900)			7200 (15900)	4900 (10800)	9600 (21200)	6500 (14300)	13700 (30200)	9100 (20100)	*18750 (41300)	14250 (31400)		
-1.5 m (-5')	7200 (15900)	4850 (10700)					9500 (21000)	6400 (14100)	13600 (29900)	9000 (19800)	*18300 (40300)	14300 (31500)	*13850 (30500)	*13850 (30500)
-3.0 m (-10')	8350 (18400)	5650 (12400)					9550 (21100)	6450 (14200)	*12700 (28000)	9050 (20000)	*16450 (36300)	14500 (32000)	*20950 (46200)	*20950 (46200)
-4.5 m (-15')	* 8550 (18800)	7400 (16300)							*10450 (23100)	9350 (20600)	*13450 (29600)	*13450 (29600)	*16700 (36800)	*16700 (36800)
-6.0 m (-20')														

* Load is limited by hydraulic capacity rather than tipping.
Ratings are based on SAE Standard No. J1097. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

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Arm length 3355mm(11')

Unit: kg (lb)

A / B	MAX		9.0 m (30')		7.5 m (25')		6.0 m (20')		4.5 m (15')		3.0 m (10')	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
6.0 m (20')	* 4900 (10900)	* 4900 (10900)	* 7150 (15700)	5850 (12900)	* 7800 (17200)	* 7800 (17200)						
4.5 m (15')	* 5100 (11200)	4550 (10100)	* 7500 (16600)	5700 (12600)	* 8550 (18900)	7850 (17400)	*10350 (22800)	*10350 (22800)				
3.0 m (10')	* 5400 (12000)	4250 (9400)	* 8000 (17600)	5450 (12100)	* 9450 (20900)	7450 (16400)	*12000 (26400)	10600 (23400)	*17000 (37500)	16300 (36600)		
1.5 m (5')	* 5950 (13200)	4100 (9100)	* 8400 (18500)	5250 (11600)	*10250 (22600)	7050 (15600)	*13300 (29300)	9950 (21900)	*18050 (39800)	15350 (33900)		
0.0 m (0')	* 6800 (15000)	4200 (9200)	* 8650 (19100)	5100 (11200)	*10700 (23600)	6800 (14900)	*14000 (30800)	9500 (21000)	*17800 (39300)	14850 (32800)		
-1.5 m (-5')	* 7650 (16900)	4500 (9900)	* 8500 (18800)	5000 (11000)	*10750 (23700)	6650 (14600)	*13900 (30700)	9350 (20600)	*18850 (41500)	14800 (32600)	*11850 (26200)	*11850 (26200)
-3.0 m (-10')	* 7800 (17200)	5100 (11300)			*10100 (22300)	6650 (14600)	*13100 (28900)	9350 (20600)	*17250 (38100)	14950 (32900)	*17600 (38800)	*17600 (38800)
-4.5 m (-15')	* 7750 (17100)	6400 (14100)			* 8450 (18600)	6800 (15000)	*11250 (24800)	9550 (21100)	*14650 (32300)	*14650 (32300)	*19100 (42100)	*19100 (42100)
-6.0 m (-20')	* 7050 (15600)	* 7050 (15600)					* 7550 (16600)	* 7550 (16600)	*10250 (22500)	*10250 (22500)		

* Load is limited by hydraulic capacity rather than tipping.

Ratings are based on SAE Standard No. J1097. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

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PC400LC-3

Arm length 4810mm(15'9")

Unit: kg (lb)

A / B	MAX Cf	MAX Cs	10.5 m (35') Cf	10.5 m (35') Cs	9.0 m (30') Cf	9.0 m (30') Cs	7.5 m (25') Cf	7.5 m (25') Cs	6.0 m (20') Cf	6.0 m (20') Cs	4.5 m (15') Cf	4.5 m (15') Cs	3.0 m (10') Cf	3.0 m (10') Cs
6.0 m (20')	* 2900 (6400)	* 2900 (6400)	* 4650 (10300)	4400 (9700)	* 5750 (12700)	* 5750 (12700)								
4.5 m (15')	* 2950 (6500)	* 2950 (6500)	* 5750 (12700)	4250 (9400)	* 6250 (13800)	5850 (12900)								
3.0 m (10')	* 3100 (6900)	* 3100 (6900)	* 6100 (13400)	4100 (9000)	* 6850 (15100)	5550 (12200)	* 8000 (17600)	7650 (16900)	* 9850 (21700)	* 9850 (21700)				
1.5 m (5')	* 3400 (7500)	3150 (6900)	* 6400 (14200)	3900 (8600)	* 7450 (16500)	5250 (11600)	* 9000 (19900)	7150 (15800)	*11600 (25600)	10250 (22600)	*16500 (36400)	16150 (35600)	* 8000 (17700)	* 8000 (17700)
0.0 m (0')	* 3800 (8400)	3150 (7000)	6650 (14700)	3750 (8300)	* 7950 (17600)	5000 (11000)	* 9850 (21700)	6750 (14800)	*12850 (28400)	9550 (21100)	*18400 (40600)	15000 (33100)	* 8000 (17600)	* 8000 (17600)
-1.5 m (-5')	* 4400 (9800)	3300 (7300)	6550 (14500)	3650 (8100)	* 8250 (18200)	4800 (10600)	*10300 (22700)	6450 (14200)	*13500 (29800)	9150 (20100)	*19000 (41800)	14450 (31800)	*10350 (22800)	*10350 (22800)
-3.0 m (-10')	* 5400 (11900)	3650 (8100)			* 8150 (17900)	4700 (10400)	*10300 (22700)	6300 (13900)	*13450 (29600)	8950 (19700)	*18500 (40800)	14300 (31500)	*13650 (30100)	*13650 (30100)
-4.5 m (-15')	* 6550 (14400)	4300 (9500)			* 7400 (16300)	4750 (10500)	* 9650 (21300)	6300 (13900)	*12600 (27800)	8950 (19800)	*17000 (37500)	14450 (31800)	*17950 (39500)	*17950 (39500)
-6.0 m (-20')	* 6550 (14400)	5550 (12300)					* 8000 (17600)	6500 (14300)	*10700 (23600)	9200 (20300)	*14300 (31500)	*14300 (31500)	*20000 (44100)	*20000 (44100)

Arm length 2900mm(9'6")

Unit: kg (lb)

A / B	MAX Cf	MAX Cs	10.5 m (35') Cf	10.5 m (35') Cs	9.0 m (30') Cf	9.0 m (30') Cs	7.5 m (25') Cf	7.5 m (25') Cs	6.0 m (20') Cf	6.0 m (20') Cs	4.5 m (15') Cf	4.5 m (15') Cs	3.0 m (10') Cf	3.0 m (10') Cs
6.0 m (20')	* 7600 (16700)	5850 (12900)					* 8250 (18200)	8150 (17900)						
4.5 m (15')	* 7600 (16800)	5150 (11300)			* 7850 (17300)	5650 (12400)	* 9000 (19800)	7750 (17100)	*10950 (24200)	*10950 (24200)	*14800 (32600)	*14800 (32600)		
3.0 m (10')	* 7750 (17100)	4750 (10500)			* 8250 (18200)	5450 (12000)	* 9800 (21700)	7350 (16300)	*12500 (27600)	10450 (23000)	*17950 (39600)	16100 (35500)		
1.5 m (5')	7900 (17400)	4600 (10200)			* 8600 (19000)	5250 (11500)	*10500 (23200)	7000 (15500)	*13650 (30100)	9800 (21700)	*16300 (35900)	15100 (33300)		
0.0 m (0')	8100 (17800)	4700 (10400)			* 8700 (19200)	5100 (11200)	*10850 (23900)	6750 (14900)	*14100 (31100)	9450 (20900)	*18750 (41300)	14800 (32600)		
-1.5 m (-5')	* 8400 (18500)	5050 (11200)					*10700 (23600)	6650 (14700)	*13800 (30400)	9350 (20600)	*18300 (40300)	14850 (32700)	*13850 (30500)	*13850 (30500)
-3.0 m (-10')	* 8600 (19000)	5900 (13000)					* 9800 (21600)	6700 (14800)	*12700 (28000)	9450 (20800)	*16450 (36300)	15050 (33200)	*20950 (46200)	*20950 (46200)
-4.5 m (-15')	* 8550 (18800)	7700 (16900)							*10450 (23100)	9700 (21400)	*13450 (29600)	*13450 (29600)	*16700 (36800)	*16700 (36800)
-6.0 m (-20')														

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PC650-3

Boom length 7100mm(23'4"),Arm length 2870mm(9'5")

unit : kg (lb)

A / B	MAX		35' (10.7 m)		30' (9.1 m)		25' (7.6 m)		20' (6.1 m)		15' (4.6 m)		10' (3.0 m)	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
30' (9.11 m)	*12900 (5850)	*12900 (5850)												
20' (6.1 m)	*12000 (5450)	12000 (5450)			*29900 (13550)	23700 (10750)								
10' (3.0 m)	*13100 (5950)	*13100 (5950)	*16900 (7700)	15400 (7000)	31600 (14300)	21700 (9850)	*40400 (18300)	30000 (13600)	*51500 (23350)	43100 (19550)				
0' (0.0 m)	*16100 (7300)	15200 (6900)			29400 (13350)	19700 (8950)	39700 (18000)	26600 (12050)	57200 (25900)	37700 (17100)				
-10' (-3.0 m)	*23700 (10750)	19000 (8600)			29000 (13150)	19300 (8750)	38600 (17500)	25600 (11600)	*52500 (23800)	36500 (16550)	*68800 (31200)	59100 (26800)	*58000 (26300)	*58000 (26300)

Boom length 8400mm(27'7"),Arm length 2870mm(9'5")

unit : kg (lb)

A / B	MAX		35' (10.7 m)		30' (9.1 m)		25' (7.6 m)		20' (6.1 m)		15' (4.6 m)	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
30' (9.1 m)	*19300 (8750)	18700 (8450)			*27100 (12300)	24500 (11100)						
20' (6.1 m)	*18800 (8550)	13400 (6050)	24100 (10900)	16400 (7400)	*29500 (13350)	23100 (10450)	*34700 (15750)	32300 (14650)				
10' (3.0 m)	17700 (8050)	11300 (5150)	22600 (10250)	14900 (6750)	30000 (13650)	20300 (9200)	40500 (18350)	27300 (12400)				
0' (0.0 m)	17900 (8100)	11300 (5150)	21200 (9650)	13700 (6200)	27800 (12600)	18100 (8200)	37000 (16800)	24100 (10950)	*52700 (23900)	33700 (15300)		
-10' (-3.0 m)	21200 (9650)	13600 (6200)			27200 (12300)	17600 (7950)	36300 (16450)	23500 (10650)	*46600 (21150)	33500 (15200)	*49300 (22350)	*49300 (22350)
-20' (-6.1 m)	*16500 (7500)	*16500 (7500)					*21000 (9550)	*21000 (9550)	*27900 (12650)	*27900 (12650)	*32500 (14750)	*32500 (14750)

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Ratings are based on SAE Standard No. J1097. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

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PC650-3

Boom length 8400mm(27'7"),Arm length 3600mm(11'10")

unit : kg (lb)

A / B	MAX		35' (10.7 m)		30' (9.1 m)		25' (7.6 m)		20' (6.1 m)		15' (4.6 m)		10' (3.0 m)	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
30' (9.1 m)	*13700 (6250)	*13700 (6250)			*23700 (10750)	*23700 (10750)								
20' (6.1 m)	*13900 (6300)	*13900 (6300)	24600 (11150)	16900 (7650)	*29500 (13350)	23600 (10700)	*34500 (15650)	32900 (14950)						
10' (3.0 m)	*15600 (7050)	11700 (5300)	23000 (10400)	15300 (6950)	30500 (13850)	20700 (9400)	*40700 (18450)	27800 (12600)	*53100 (24100)	38700 (17550)				
0' (0.0 m)	18200 (8250)	11600 (5250)	21500 (9750)	14000 (6350)	28100 (12750)	18400 (8350)	37300 (16950)	24400 (11100)	53100 (24050)	34000 (15400)				
-10' (-3.0 m)	21400 (9700)	13800 (6250)			27300 (12400)	17700 (8050)	36400 (16500)	23600 (10700)	*47700 (21600)	33600 (15250)	*54300 (24600)	*54300 (24600)	*36300 (16450)	*36300 (16450)
-20' (-6.1 m)	*19300 (8750)	*19300 (8750)					*23200 (10500)	*23200 (10500)	*29900 (13550)	*29900 (13550)	*35200 (15950)	*35200 (15950)		

Boom length 8400mm(27'7"),Arm length 5100mm(16'9")

unit : kg (lb)

A / B	MAX		40' (12.2 m)		35' (10.7 m)		30' (9.1 m)		25' (7.6 m)		20' (6.1 m)		15' (4.6 m)		10' (3.0 m)	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
30' (9.1 m)	*7500 (3400)	*7500 (3400)														
20' (6.1 m)	*7600 (3450)	*7600 (3450)	*14500 (6550)	13000 (5900)	*19200 (8700)	17900 (8100)										
10' (3.0 m)	*8600 (3900)	*8600 (3900)	18200 (8250)	11800 (5350)	23600 (10700)	15800 (7200)	*29600 (13450)	21700 (9850)	*36100 (16350)	29800 (13500)	*46600 (21150)	42900 (19450)				
0' (0.0 m)	*10700 (4850)	8600 (3900)	16900 (7650)	10600 (4800)	21500 (9750)	13900 (6300)	28400 (12900)	18700 (8450)	38200 (17300)	25200 (11400)	*54000 (24450)	35500 (16100)	*30100 (13550)	*30100 (13650)		
-10' (-3.0 m)	*15000 (6800)	9700 (4400)	16300 (7350)	10000 (4500)	20400 (9250)	12800 (5800)	26700 (12100)	17000 (7750)	35800 (16250)	23000 (10450)	51900 (23550)	32900 (14900)	*44300 (20100)	*44300 (20100)	*27600 (12500)	*27600 (12500)
-20' (-6.1 m)	*19200 (8700)	13900 (6300)					*25400 (11550)	17200 (7800)	*32600 (14800)	23100 (10500)	*41200 (18700)	33500 (15200)	*52600 (23850)	*52600 (23850)	*51600 (23400)	*51600 (23400)

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PC1000-1

Boom length 7900mm(25'11"),Arm length 3400mm(11'2")

B \ A		⊗ Cf	⊗ Cs	13.7m (45′) Cf	13.7m (45′) Cs	12.2m (40′) Cf	12.2m (40′) Cs	10.7m (35′) Cf	10.7m (35′) Cs	9.1m (30′) Cf	9.1m (30′) Cs	7.6m (25′) Cf	7.6m (25′) Cs	6.1m (20′) Cf	6.1m (20′) Cs	4.6m (15′) Cf	4.6m (15′) Cs
10.7m 35′	kg	*11300	*11300														
	lb	24900	24900														
9.1m 30′	kg	*10600	*10600							*15200	*15200						
	lb	23300	23300							33500	33500						
6.1m 20′	kg	*10800	*10800					*14150	12550	*20700	17900	*24650	*24650	*31100	*31100		
	lb	23800	23800					31200	27700	45700	39400	54300	54300	68600	68600		
3.0m 10′	kg	*12550	10450					16400	11900	22200	16300	*28350	21400	*39150	31900		
	lb	27700	23100					36200	26200	48900	36000	62500	47200	86400	70400		
1.5m 5′	kg	*14150	10450					16000	11550	21450	15850	29250	21250	*39950	30400		
	lb	31200	23000					35300	25400	47300	34500	64500	46900	88100	67000		
0.0m 0′	kg	15250	10900					15750	11300	21000	15200	28550	20600	*38850	29750		
	lb	33600	24000					34700	24900	46300	33500	62900	45500	85700	65600		
−1.5m −5′	kg	16700	11970							20750	15000	28250	20350	*36200	29650	*29950	*29950
	lb	36800	26400							45800	33000	62300	44900	79800	65300	66000	66000
−3.0m −10′	kg	*17100	14050							*19000	15100	*25150	20450	*31800	29950	*38800	*38800
	lb	37700	31000							41900	33300	55500	45100	70100	66000	85600	85600

Boom length 9250mm(30'4"),Arm length 3400mm(11'2")

Unit: kg (lb)

B \ A		⊗ Max. Cf	⊗ Max. Cs	12.2 m (40′) Cf	12.2 m (40′) Cs	10.7 m (35′) Cf	10.7 m (35′) Cs	9.1 m (30′) Cf	9.1 m (30′) Cs	7.6 m (25′) Cf	7.6 m (25′) Cs	6.1 m (20′) Cf	6.1 m (20′) Cs	4.6 m (15′) Cf	4.6 m (15′) Cs
9.1 m (30′)	kg	*11350	11350			*15000	13500								
	lb	*25000	25000			*33100	29800								
6.1 m (20′)	kg	*11600	9250	13300	9550	*16350	12950	*19350	17700	*23850	*23850				
	lb	*25500	20400	29300	21100	*36000	28500	*42700	39000	*52600	*52600				
3 m (10′)	kg	11600	8150	12750	9050	16350	11850	21000	15200	*28500	*20950				
	lb	25600	18000	28100	19900	36000	26100	46360	33500	*62800	*46200				
0 m (0′)	kg	12000	8350	12300	8600	15500	11050	20400	14600	27450	19600				
	lb	26400	18500	27100	19000	34200	24400	45000	32200	60500	43200				
− 3 m (− 10′)	kg	14400	10200			15450	10950	20200	14450	*25850	19600	*31250	28800	*24600	*24600
	lb	31800	22500			34000	24200	44600	31900	*57000	43200	*68900	63500	*54200	*54200
− 6.1 m (− 20′)	kg	*12650	*12650							*16600	*16600	*20550	*20550		
	lb	*27900	*27900							*36600	*36600	*45300	*45300		

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PC1600-1

Arm length 5700mm(18'8")

Unit kg:(lb)

A / B	Max.		13.0m (43')		11.0m (36')		9.0m (30')		7.0m (23')		5.0m (16')	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
11.0m (36')	*21300 (47000)	*21300 (47000)										
9.0m (30')	*20250 (44700)	*20250 (44700)			*21500 (47500)	*21500 (47500)						
7.0m (23')	*19800 (43700)	18850 (41500)			*22950 (50600)	*22950 (50600)	*28500 (62900)	*28500 (62900)				
5.0m (16')	*19750 (43500)	17000 (37500)	*20150 (44400)	17700 (39000)	*24750 (54600)	*24750 (54600)	*31950 (70400)	*31950 (70400)				
3.0m (10')	*19900 (43600)	16250 (35800)	*20550 (45400)	17050 (37600)	*26200 (57800)	24100 (53100)	*33300 (73400)	33100 (72900)				
1.0m (3')	*20100 (44300)	16450 (36300)	*20150 (44400)	16450 (36300)	*26800 (59100)	22900 (50500)	*35750 (78800)	32450 (71500)	*49750 (109700)	48850 (107800)		
0m (0')	*20200 (44500)	16950 (37400)			*26600 (58600)	22500 (49600)	*35550 (78400)	31850 (70200)	*48900 (107800)	48300 (106500)		
-1.0m (-3')	*20250 (44600)	17800 (39200)			*25900 (57100)	22250 (49000)	*34800 (76800)	31450 (69400)	*47350 (104400)	*47350 (104400)		
-3.0m (-10')	*19950 (44000)	*19950 (44000)			*22200 (48900)	*22200 (48900)	*31350 (69100)	31350 (69100)	*42150 (93000)	*42150 (93000)	*55000 (121300)	*55000 (121300)
-5.0m (-16')	*18250 (40300)	*18250 (40300)					*23550 (51900)	*23550 (51900)	*32950 (72700)	*32950 (72700)	*42150 (93000)	*42150 (93000)

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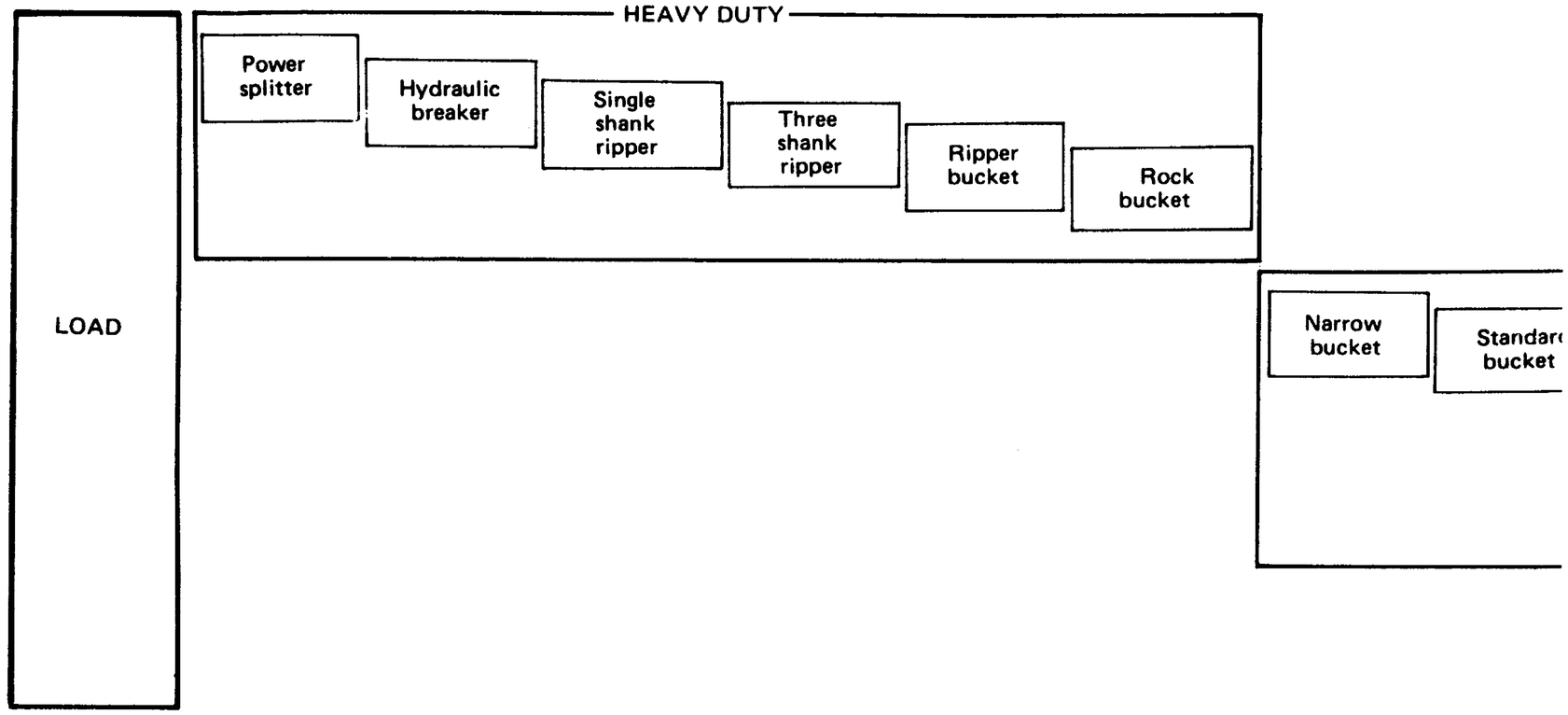

Bucket & Boom	Power Splitter	Hydraulic breaker	Single shank ripper	Three shank ripper	Ripper bucket	Rock bucket	Narrow bucket	Standard bucket
Applicable job	Breaking hard rock	Breaking rock and concrete	Digging and crushing rocks or concrete	Asphalt removal, crushing and uprooting	Ripping hard ground. Removing pavement	Digging and loading	Deep excavation, narrow ditches	General dig and loadin
Applicable soil	Hard rock	Rock and concrete	Hard material	Hard material	Hard material	Blasted rocks and gravel	Hard soil, silt	General

APPLICABLE WORK	Attachment
Non-bulk Material Handling	Mechanical hand
Piling	Sheet pile laying-pulling holder

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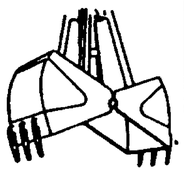
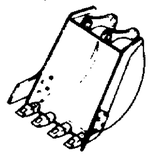
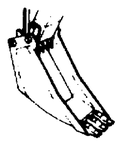
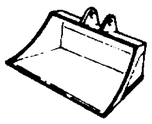
MEDIUM DUTY

apezoidal bucket | Clamshell bucket | Shallow bucket | Ejector bucket | Off-set boom | Two piece boom

LIGHT DUTY

Light duty bucket | Slope finishing bucket | Super long front

Trapezoidal bucket	Clamshell bucket	Shallow bucket	Ejector bucket	Off-set boom	Two piece boom	Light duty bucket	Slope finishing bucket	Super long front
								
iape hing	Ditching and cleaning. Vertical digging	General digging and loading	Narrow ditching and digging in sticky ground	Ditching in city area	General excavation in restricted area	Loading and Light duty excavation	Scraping and compacting slope or bank	River maintenance
eral	General	Muddy or clay soil	Sticky soil, such as clay			Loosed soil, dry sand, coal		

Type of Work	Applicable Material
Grasping and carring	Wall block, rock, timber U-type block, water pipes, tetrapod
Pile laying, cable laying	Weak soil

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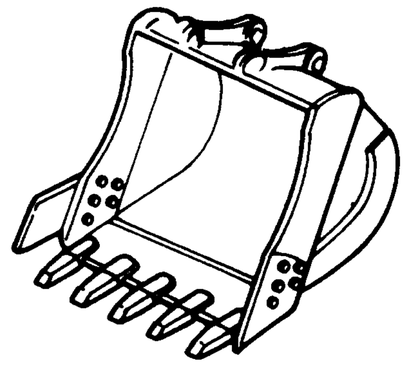
Heavy Duty bucket



Item / Model	Bucket capacity (heaped)		Width		*Weight kg (lb)	No of Teeth
	SAE,PCSA m^3 (cu.yd)	CECE m^3 (cu.yd)	Without side cutters mm (in)	With side cutters mm (in)		
PC200(LC)-3	0.8 (1.05)	0.7 (0.92)	1045 (41.1")	1150 (45.3")	650 (1433)	5
PC210(LC)-3	0.8 (1.05)	0.7 (0.92)	1045 (41.1")	1150 (45.3")	650 (1433)	5
PC220(LC)-3	1.0 (1.31)	0.9 (1.18)	1155 (45.5")	1250 (49.2")	820 (1808)	4
PC240(LC,NLC)-3	1.0 (1.31)	0.9 (1.18)	1155 (45.5")	1250 (49.2")	820 (1808)	4
PC280(LC,NLC)-3	1.0 (1.31)	0.9 (1.18)	1155 (45.5")	1250 (49.2")	820 (1808)	4
PC300(LC,NLC)-3	1.32 (1.73)	1.2 (1.57)	1290 (50.8")	1420 (55.9")	1030 (2271)	5
PC360LC-3	1.32 (1.73)	1.2 (1.57)	1290 (50.8")	1420 (55.9")	1030 (2271)	5
PC400(LC)-3	1.8 (2.35)	1.6 (2.09)	1370 (65.4")	1520 (59.8")	1340 (2955)	5

* With sidecutters

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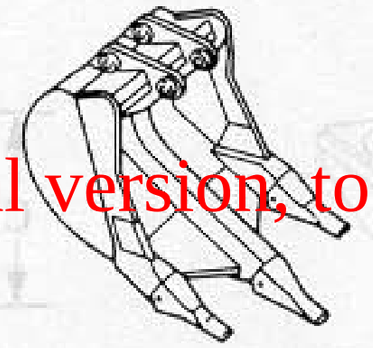

Item / Model	Heaped capacity(CECE) m³(cu.yd)	Width mm(ft·in)	Weight kg (ld)
PC100(L,U)-3	0.3 (0.39)	780 (30.7")	600 (1323)
PC120-3	0.3 (0.39)	780 (30.7")	600 (1323)
PC150HD(NHD)-3	0.3 (0.39)	780 (30.7")	600 (1323)
PC200(LC)-3	0.56 (0.73)	990 (39")	940 (2073)
PC210(LC)-3	0.56 (0.73)	990 (39")	940 (2073)
PC220(LC)-3	0.56 (0.73)	990 (39")	940 (2073)
PC240(LC,NLC)-3	0.56 (0.73)	990 (39")	940 (2073)
PC280(LC,NLC)-3	0.56 (0.73)	990 (39")	940 (2073)
PC300(LC,NLC)-3	0.8 (1.05)	1200 (47.2")	1396 (3078)
PC360LC-3	0.8 (1.05)	1200 (47.2")	1396 (3078)
PC400(LC)-3	1.0 (1.31)	1250 (49.2")	1877 (4139)
PC650-3	1.6 (2.09)	1298 (51.1")	3224 (7109)

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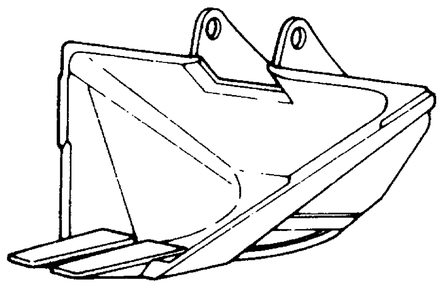
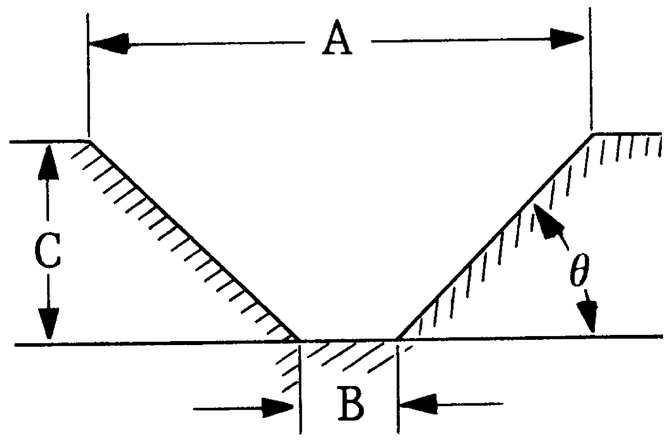
V-shaped Buckets





Item / Model	Heaped capacity(CECE) m^3(cu.yd)	Weight kg (lb)	Angle θ(deg.)	A mm(ft·in)	B mm(in)	C mm(ft·in)
PC60(L,U)-5	0.22 (0.29)	260 (573)	38	2185 (7' 2")	290 (11.4")	740 (2' 5")
PC80-3			40	2100 (6'11")	290 (11.4")	760 (2' 6")
			45	1760 (5' 9")	260 (10.2")	750 (2' 6")
PC100(L,U)-3	0.30 (0.39)	353 (778)	38	2195 (7' 2")	260 (10.2")	755 (2' 6")
PC120-3			40	2060 (6' 9")	260 (10.2")	755 (2' 6")
PC150HD(NHD)-3			45	1770 (5'10")	260 (10.2")	755 (2' 6")
PC200(LC)-3	0.50 (0.65)	832 (1835)	38	3310 (10'10")	330 (13")	1165 (3'10")
PC210(LC)-3						
PC220(LC)-3			40	3280 (10' 9")	350 (13.8")	1230 (4' 4")
PC240(LC,NLC)-3			45	3165 (10' 5")	400 (15.7")	1385 (4' 7")
PC280LC(NLC)-3						
PC300(LC,NLC)-3	0.90 (1.18)	940 (2073)	45	3180 (10' 5")	500 (19.7")	1340 (4' 5")

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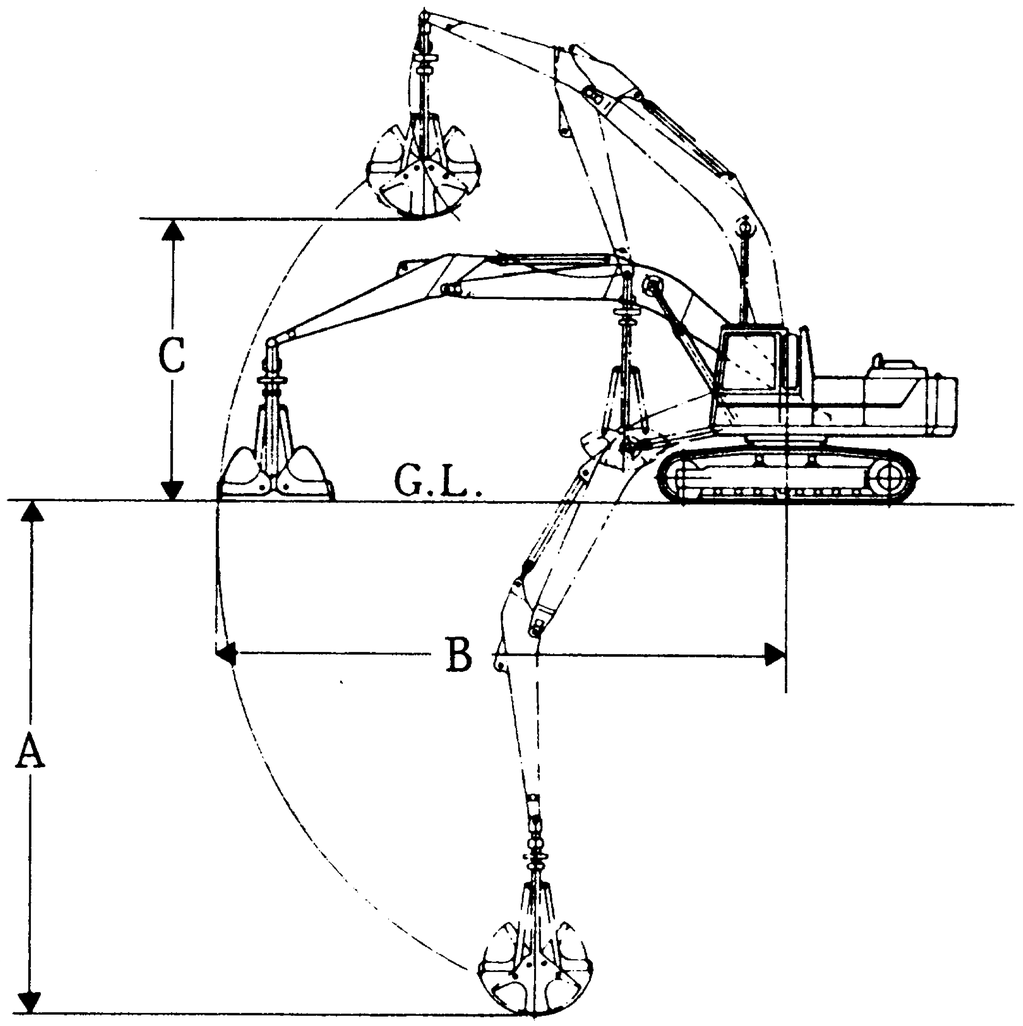
Clamshell Buckets



Model \ Item	Heaped capacity m^3(cu.yd)	Weight kg (lb)	Opening Width mm(ft·in)	Bucket Width mm(ft·in)	A mm(ft·in)	B mm(ft·in)	C mm(ft·in)	Arm length m(ft·in)
PC100-3	0.35 (0.46)	744 (1640)	1670 (5'6")	655 (2'2")	6150 (20'2")	7430 (24'5")	3960 (13")	2.3 (7'7")
PC100L-3					5890 (19'4")	7460 (24'6")	4220 (13'10")	
PC120-3					6570 (21'7")	7755 (25'5")	4410 (14'6")	2.5 (8'2")
PC200(LC)-3	0.60 (0.78)	1100 (2425)	1780 (5'10")	865 (2'10")	7670 (25'2")	9250 (30'4")	5140 (16'10")	2.925 (9'7")
PC210(LC)-3								
PC220(LC)-3					7800 (25'7")	9500 (31'2")	5285 (17'4")	3.05 (10')
PC240(LC,NLC)-3								

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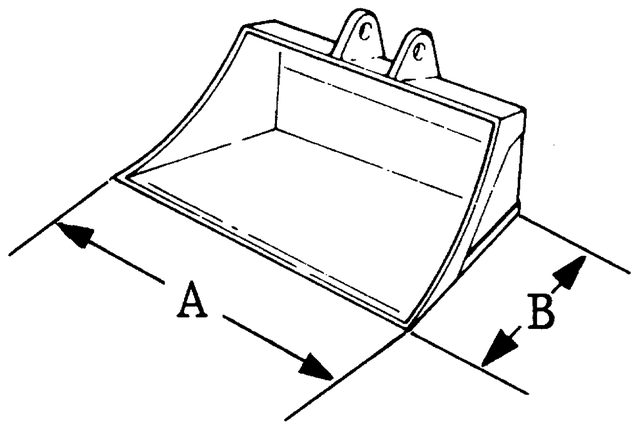
Slope Finishing Buckets



Model \ Item	Heaped capacity (CECE) m^3(cu.yd)	A mm(in)	B mm(in)	Weight kg (ld)
PC60(L,U)-5	0.16 (0.21)	1500 (59.1")	750 (29.5")	260 (573)
PC80-3	0.16 (0.21)	1500 (59.1")	750 (29.5")	260 (573)
PC100(L,U)-3	0.34 (0.44)	1830 (72")	930 (36.6")	556 (1226)
PC120-3	0.34 (0.44)	1830 (72")	930 (36.6")	556 (1226)
PC150HD(NHD)-3	0.34 (0.44)	1830 (72")	930 (36.6")	556 (1226)
PC200(LC)-3	0.35 (0.46)	2000 (78.7")	1000 (39.4")	700 (1543)
PC210(LC)-3	0.35 (0.46)	2000 (78.7")	1000 (39.4")	700 (1543)
PC220(LC)-3	0.35 (0.46)	2000 (78.7")	1000 (39.4")	700 (1543)
PC240(LC,NLC)-3	0.35 (0.46)	2000 (78.7")	1000 (39.4")	700 (1543)
PC280(LC,NLC)-3	0.35 (0.46)	2000 (78.7")	1000 (39.4")	700 (1543)
PC300(LC,NLC)-3	0.35 (0.46)	2200 (86.6")	1100 (43.3")	1090 (2403)
PC360LC-3	0.35 (0.46)	2200 (86.6")	1100 (43.3")	1090 (2403)

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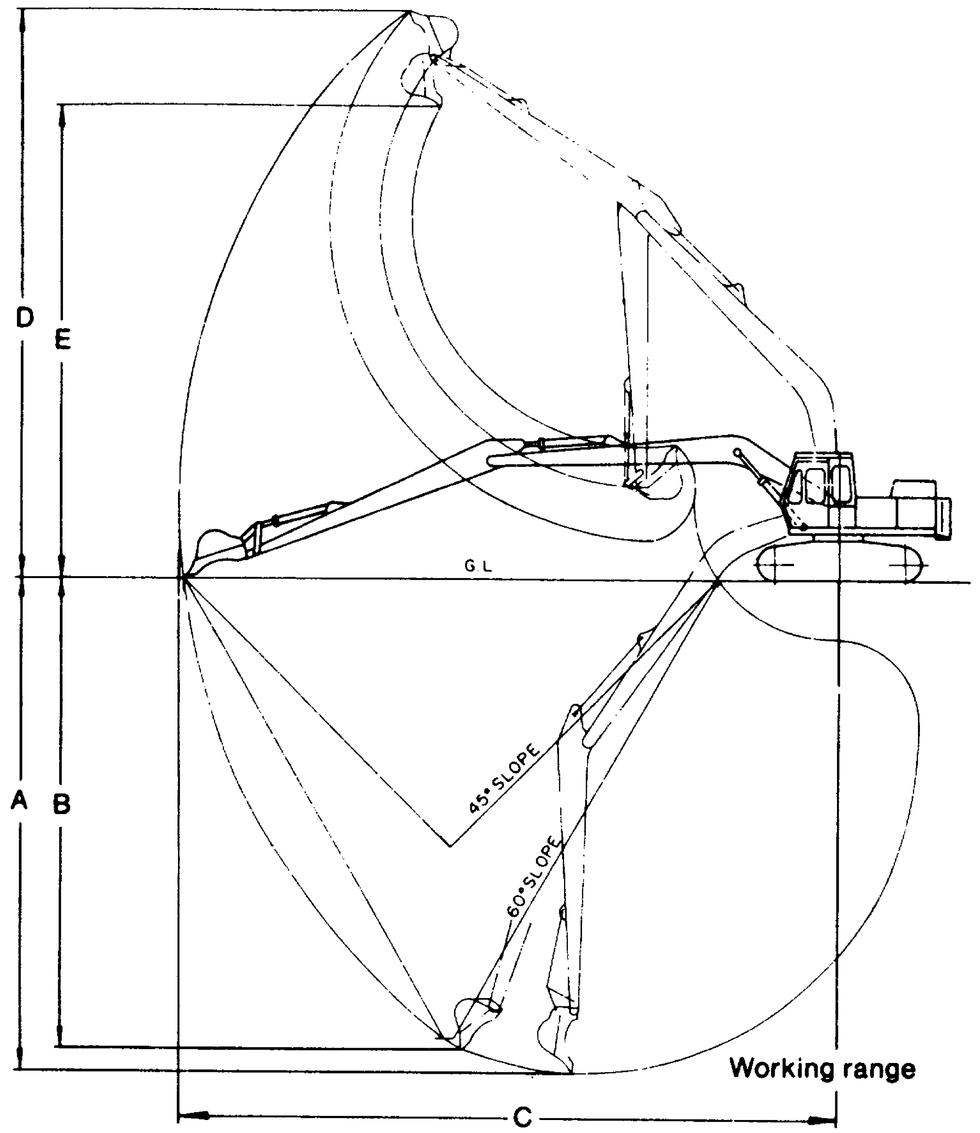
Super Long Front



Item		Model	40 feet super-long front		50 feet super-long front		60 feet super-long front
			PC200-3	PC220-3	PC200-3	PC220-3	PC220-3
Boom weight		kg (lb)	1770 (3,478)	1770 (3,478)	1780 (3,924)	1780 (3,924)	1940 (4,277)
Boom length		mm (ft.in)	6010 (19'9")	6010 (19'9")	8040 (26'5")	8040 (26'5")	9500 (31'2")
Arm weight		kg (lb)	790 (1,742)	780 (1,742)	850 (1,874)	850 (1,874)	1100 (2,425)
Arm length		mm (ft.in)	5000 (16'5")	5000 (16'5")	6355 (20'11")	6355 (20'10")	8005 (26'3")
Bucket capacity range		m^3 (cu.yd.)	0.26-0.45 (0.34-0.59)	0.26-0.55 (0.34-0.72)	0.26-0.35 (0.34-0.46)	0.26-0.45 (0.34-0.59)	0.26-0.4 (0.34-0.52)
A	Max. digging depth	mm (ft.in)	8470 (27'9")	8470 (27'9")	11200 (36'9")	11200 (36'9")	13770 (45'2")
B	Max. vertical wall depth	mm (ft.in)	7400 (24'3")	7400 (24'3")	10090 (33'1")	10090 (33'1")	12725 (41'9")
C	Max. digging reach	(mm) (ft.in)	12200 (40')	12200 (40')	15480 (50'9")	15480 (50'9")	18320 (60'1")
D	Max. digging height	mm (ft.in)	11170 (36'8")	11170 (36'8")	13470 (44'2")	13470 (44'2")	15000 (49'3")
E	Max. dumping height	mm (ft.in.)	8735 (28'8")	8735 (28'8")	11055 (36'3")	11055 (36'3")	12770 (41'11")
	Max. digging force	kg (lb)	7000 (15,432)	7000 (15,432)	7000 (15,432)	7000 (15,432)	7600 (16,755)
	Max. arm crowd force	kg (lb)	6400 (14,110)	6400 (14,110)	5100 (11,243)	5100 (11,243)	4100 (9,039)

Notes :
1. Use small buckets of the PC120-3.
2. Additional 1.2 ton (1.3 U.S. ton) counterweight for the PC200-3.
3. Use only for light-duty operations.

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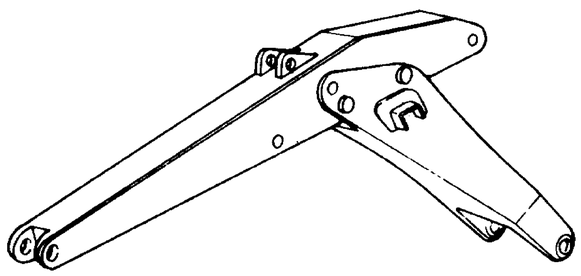
Three boom lengths are available by changing position of pin of on the upper boom. In addition to that boom angle is also changeable by 20 degrees. Effective loading is possible in job-site with restricted working space, height and swing radius.



1. Abstract

The two-piece boom consists of a lower boom and upper boom. Three lengths are available for the upper boom: long, medium and short.

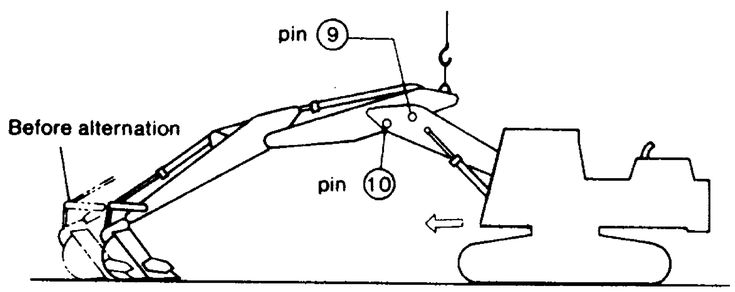


Figure 1

2. Method for changing upper boom length from long to medium.

- As shown in figure 1, after lifting up upper boom, pull out pin (9) and pin (10)
- Move machine, align pin hole of lower boom with another pin hole and install pin (9) and pin (10)

After alternation

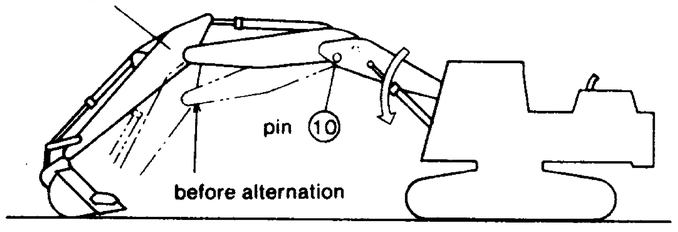


Figure 2

3. Method for changing boom angle

- Pull out pin (10)
- As shown in figure 2, after lowering the lower boom, align pin hole of upper boom with another pin hole of lower boom.

Item \ Model		PC100-3			PC100L-3			PC120-3			P200(LC)-3		
		long	medium	short	long	medium	short	long	medium	short	long	medium	short
Arm length	m(ft.in)	1.65 (5'5")			1.65 (5'5")			1.65 (5'5")			3.05 (10')		
Max.digging height	mm (ft.in)	7410 (24'4")			7670 (25'2")			7940 (24'7")	7125 (23'5")	6760 (22'2")	8625 (28'4")	8230 (27')	7830 (25'8")
Max.digging reach	mm (ft.in)	7410 (24'4")			7410 (24'4")			7490 (24'7")	6955 (22'10")	6420 (21'1")	9660 (31'8")	9015 (29'7")	8370 (27'6")
Max.digging depth	mm (ft.in)	4675 (15'4")			4415 (14'6")			4730 (15'6")	4230 (13'11")	3730 (12'3")	6520 (21'5")	5940 (19'6")	5355 (17'7")
Item \ Model		PC210(LC)-3			PC220(LC)-3			PC240(LC,NLC)-3			PC280(LCNLC)-3		
		long	medium	short	long	medium	short	long	medium	short	long	medium	short
Arm length	m(ft.in)	3.05 (10')			3.05 (10')			3.05 (10')			3.05 (10')		
Max.digging height	mm (ft.in)	7940 (24'7")	7125 (23'5")	6760 (22'2")	9055 (29'9")	8635 (28'4")	8215 (26'11")	9055 (29'9")	8635 (28'4")	8215 (26'11")	9170 (30'1")	8750 (28'9")	8330 (27'4")
Max.digging reach	mm (ft.in)	7490 (24'7")	6955 (22'10")	6420 (21'1")	10145 (33'3")	9500 (31'2")	8850 (29')	10145 (33'3")	9500 (31'2")	8850 (29')	10145 (33'3")	9500 (31'2")	8850 (29')
Max.digging depth	mm (ft.in)	4730 (15'6")	4230 (13'11")	3730 (12'3")	6725 (22'1")	6165 (20'3")	5605 (18'5")	6725 (22'1")	6165 (20'3")	5605 (18'5")	6610 (21'8")	6050 (19'10")	5490 (18')

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Hydraulic Breaker KBH220-1 For PC200 and PC220

Breaking up is easy and considerably more economical with the new Komatsu Hydraulic Breaker. Improved, high efficiency design results in greatly reduced power loss from friction and hydraulic losses; gives you fuel savings that amount to more break yield per gallon.

Specifications

Overall length

Braker until 2580 mm*
(8'6")
2265 mm**
(7'5")

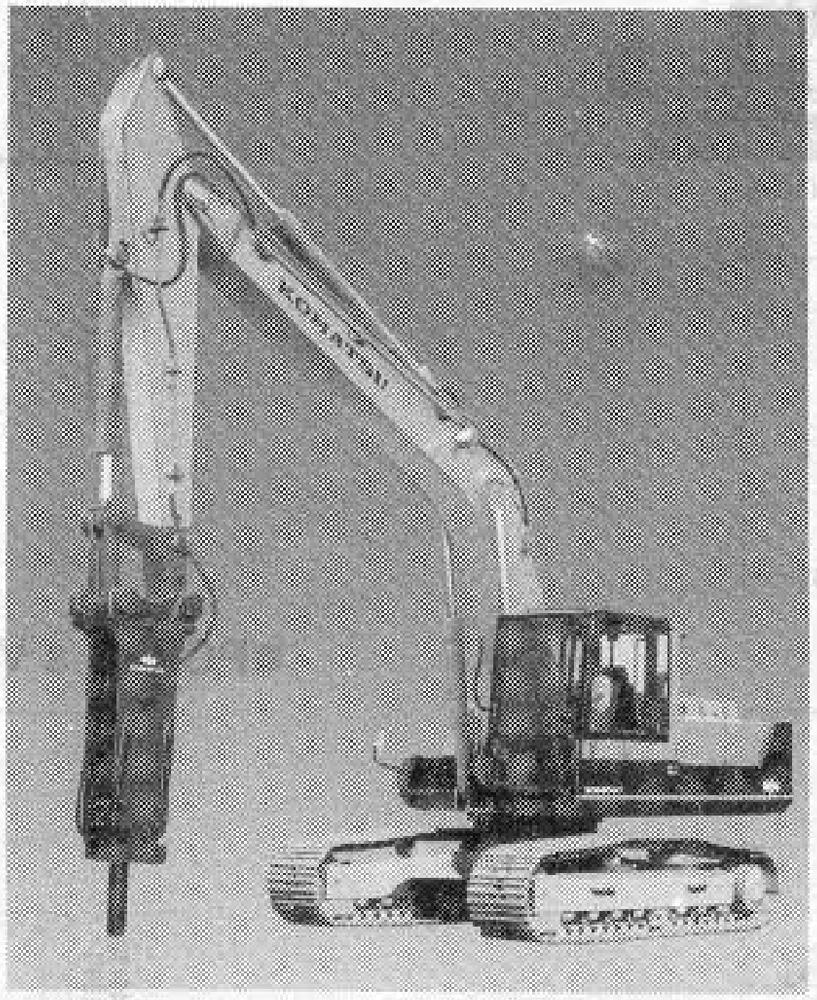
Weight

Breaker unit: 1500 kg
(3307 lb)

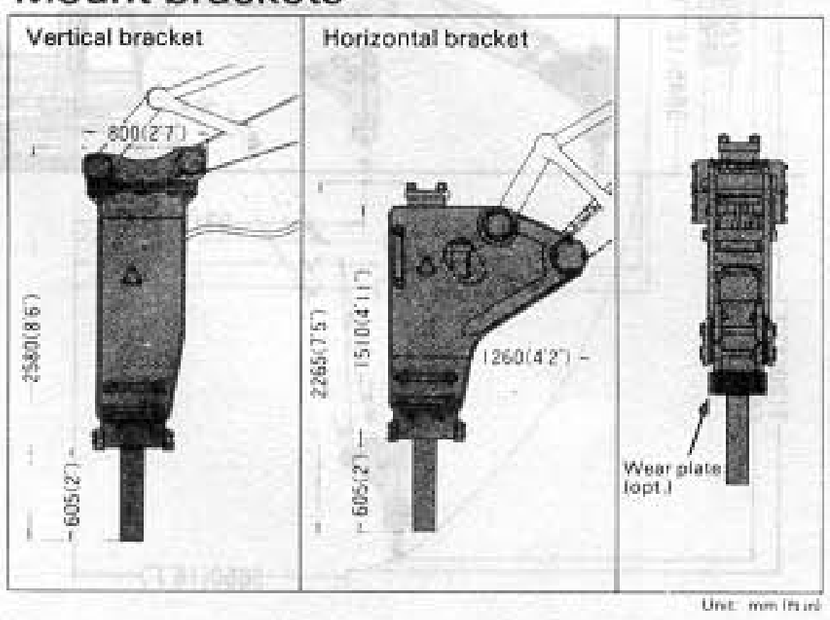
Striking performance

Striking energy: 415 kg.m
(4067Nm)
Striking frequency: 485 blows/min
Hydraulic pressure: 155 kg/cm²
(2200PSI)
Hydraulic flow: 175 ℓ/min
(46U.S. Gal/min.)

* Vertical bracket
** Horizontal bracket



Mount brackets



Unit: mm (ft-in)

Chisels

Flat end	
Pointed end	
Wedge (Lateral)	
Wedge (Vertical)	

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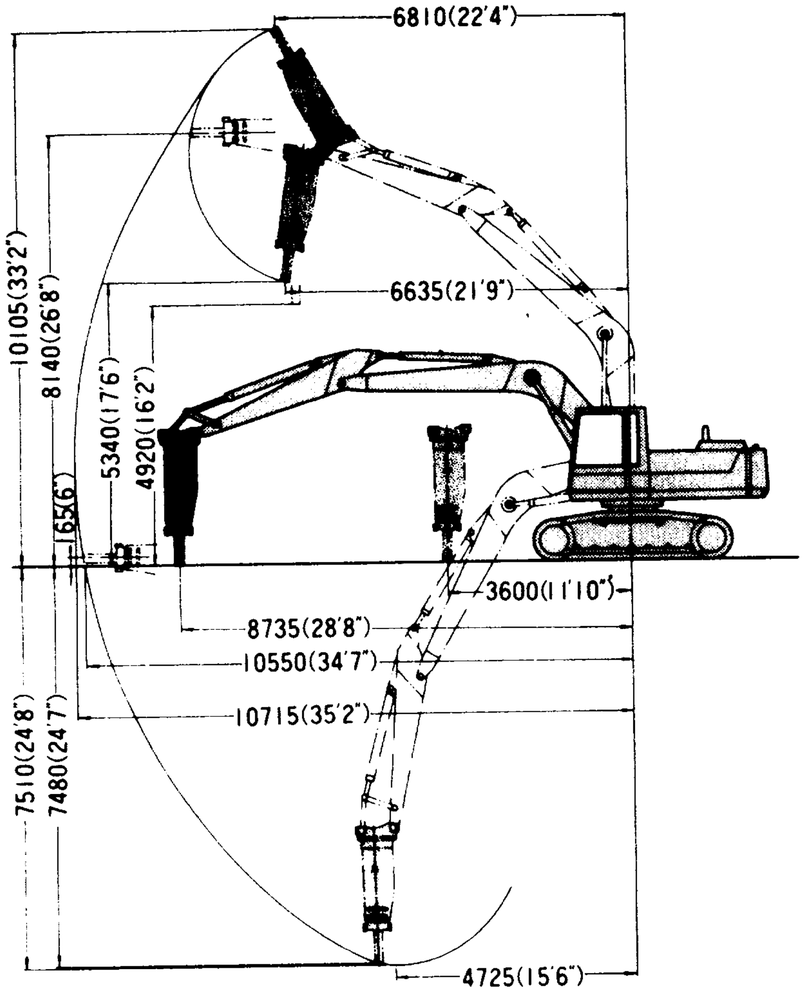
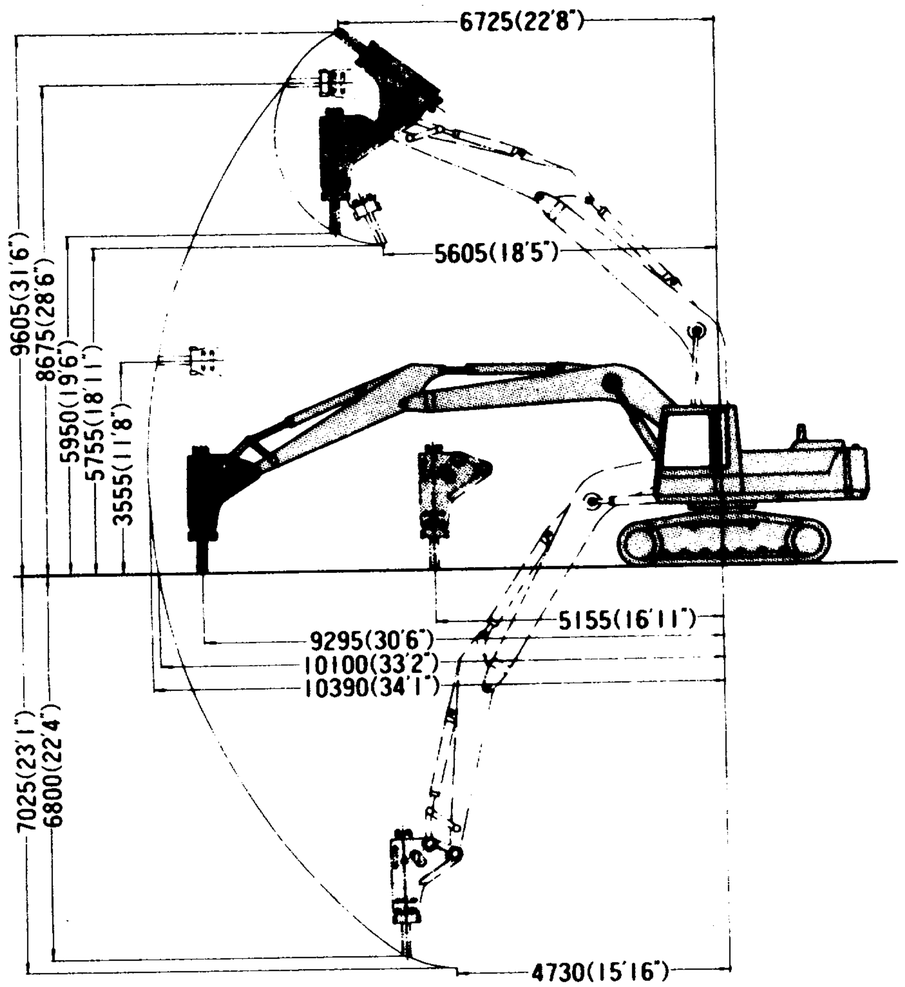
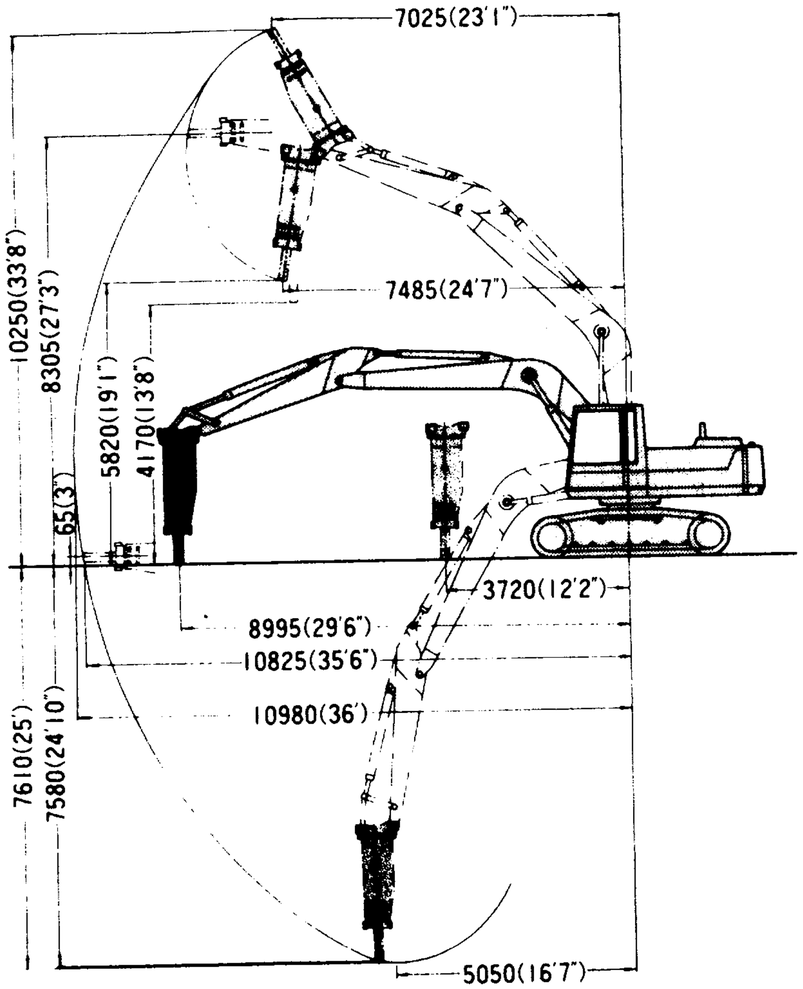
■PC200-3 With vertical bracket



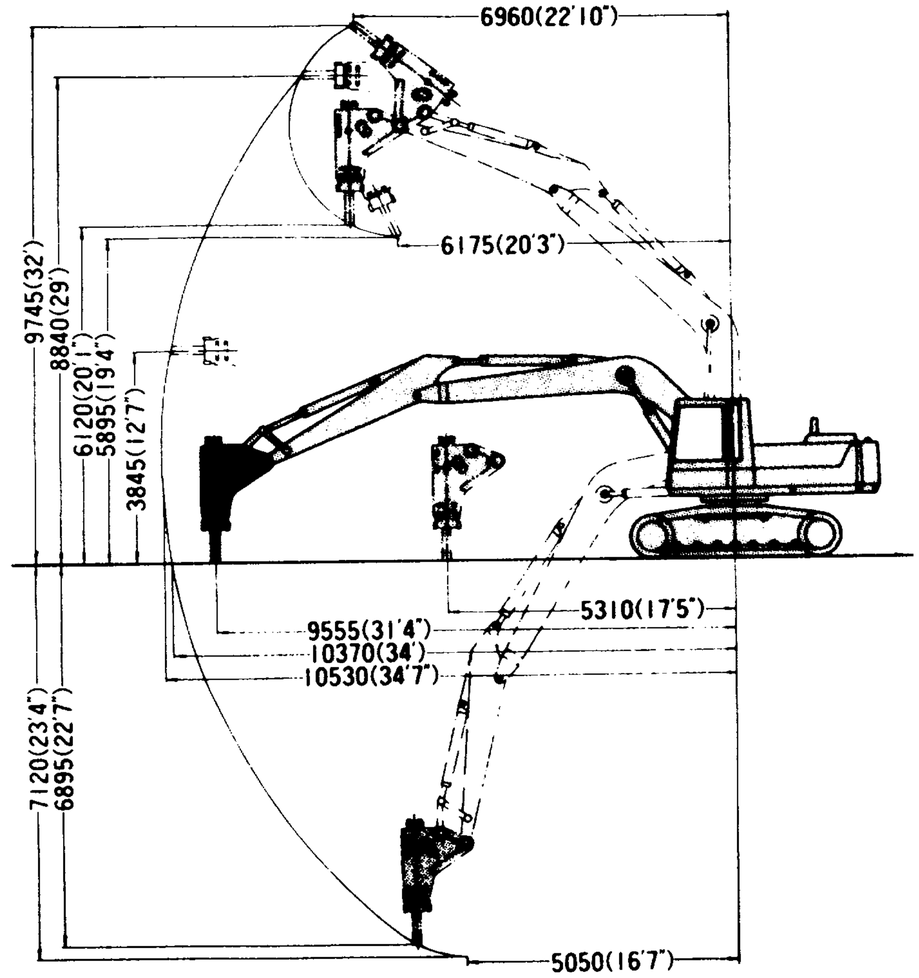
■PC200-3 With horizontal bracket



■PC220-3 With vertical bracket



■PC220-3 With horizontal bracket



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Estimated Production

ESTIMATED CYCLE TIME		BUCKET SIZE** (CU. M) OR (CU. YD)																				
SEC.	MIN.	0.2	0.3	0.5	0.7	0.9	1.1	1.3	1.5	1.7	1.9	2.1	23.	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.3
10.0	0.17	72	108	180	252	324																	
11.0	0.18	65	98	164	229	295	360	425	491														
12.0	0.20	60	90	150	210	270	330	390	450	510	570	630	690	750									
13.0	0.22	55	83	138	194	249	305	360	415	471	526	582	637	692	748	803	858	914	969	1025	1080	1135	
15.0	0.25	48	72	120	168	216	264	312	360	408	456	504	552	600	648	696	744	792	840	888	936	984	1032
17.0	0.28	42	64	106	148	191	233	275	318	360	402	445	487	529	572	614	656	699	741	784	826	868	911
19.0	0.32	38	57	95	133	171	208	246	284	322	360	398	436	474	512	549	587	625	663	701	739	777	815
21.0	0.35	34	51	86	120	154	189	223	257	291	326	360	394	429	463	497	531	566	600	634	669	703	737
24.0	0.40	30	45	75	105	135	165	195	225	255	285	315	345	375	405	435	565	595	525	555	585	615	645
27.0	0.45	27	40	67	93	120	147	173	200	227	253	280	307	333	360	387	413	440	467	493	520	547	573
30.0	0.50	24	36	60	84	108	132	156	180	204	228	252	276	300	324	348	372	396	420	444	468	492	516
35.0	0.58									175	195	216	237	257	278	298	319	339	360	381	401	422	442
40.0	0.67																279	297	315	333	351	369	387

ESTIMATED CYCLE TIME		BUCKET SIZE** (CU. M) OR (CU. YD)																		
SEC.	MIN.	4.5	4.7	4.9	5.1	5.3	5.5	5.7	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0	12.5	13.0
15.0	0.25	1080	1128	1176	1224	1272	1320	1368													
17.0	0.28	953	995	1038	1080	1122	1165	1207													
19.0	0.32	853	891	928	966	1004	1042	1080	1326	1421	1516	1611	1705	1800	1895	1989	2084	2179	2274	2368	2463
21.0	0.35	771	806	840	874	909	943	977	1200	1286	1371	1457	1543	1629	1714	1800	1886	1971	2057	2143	2229
24.0	0.40	675	705	735	765	795	825	855	1050	1125	1200	1275	1350	1425	1500	1575	1650	1725	1800	1875	1950
27.0	0.45	600	627	653	680	707	733	760	933	1000	1067	1133	1200	1267	1333	1400	1467	1533	1600	1667	1733
30.0	0.50	540	564	588	612	636	660	684	840	900	960	1020	1080	1140	1200	1260	1320	1380	1440	1500	1560
35.0	0.58	463	483	504	525	545	566	586	720	771	823	874	926	977	1029	1080	1131	1183	1234	1286	1337
40.0	0.67	405	423	441	459	477	495	513	630	675	720	765	810	855	900	945	990	1035	1080	1125	1170
45.0	0.75								560	600	640	680	720	760	800	840	880	920	960	1000	1040

* Actual production = Estimated x Buckdt x Job
Production Factor Efficiency

** Bucket size: Heaped bucket capacity

*** Cycle time: Refer to the section 12 "Productivity"

Bucket factor (K)

Excavating conditions	K
Easy excavating	1.1 ~ 1.2
Average excavating	1.0 ~ 1.1
Rather difficult excavating	0.8 ~ 0.9
Difficult excavating	0.7 ~ 0.8

Job efficiency (E)

Operating conditions	E
Good	0.83
Average	0.75
Rather poor	0.67
Poor	0.58