

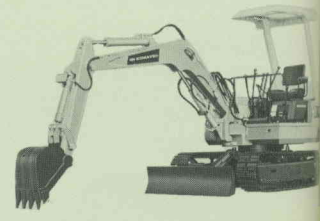
HYDRAULIC EXCAVATORS



PC05-1



PC10-3

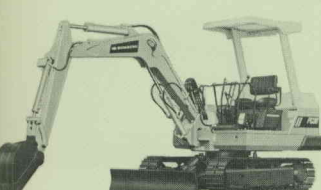





PC20-3

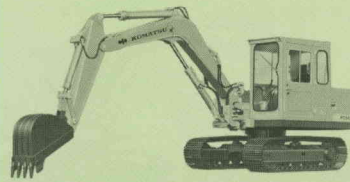
Bucket capacity			
Struck	0.014 ~ 0.032 m ³ (0.018 ~ 0.042 cu.yd)	0.02 ~ 0.045 m ³ (0.03 ~ 0.059 cu.yd)	0.025 ~ 0.07 m ³ (0.03 ~ 0.09 cu.yd)
Heaped	0.02 ~ 0.04 m ³ (0.026 ~ 0.052 cu.yd)	0.023 ~ 0.05 m ³ (0.03 ~ 0.06 cu.yd)	0.028 ~ 0.08 m ³ (0.04 ~ 0.10 cu.yd)
SAE heaped	0.027 ~ 0.055 m ³ (0.035 ~ 0.072 cu.yd)	0.025 ~ 0.06 m ³ (0.03 ~ 0.08 cu.yd)	0.03 ~ 0.10 m ³ (0.04 ~ 0.13 cu.yd)
Flywheel horsepower	12.1 HP (9.0 kW)/2000 RPM	17.5 HP (13.1 kW)/2200 RPM	21.3 HP (15.9 kW)/2200 RPM
Enging: Model	KOMATSU 3D72-1A	KOMATSU 3D75-1A	KOMATSU 3D84-1A
Piston displacement	0.879 ltr (53.6 cu.in)	1.126 ltr (68.7 cu.in)	1.413 ltr (86.2 cu.in)
Operating weight (approx.)	1100 kg (2,430 lb)	1980 kg (4,370 lb)	2700 kg (5,950 lb)
Hydraulic system	2-gear pumps	2-gear pumps	3-gear pumps
No. of track rollers (each side)	3	3	4
Track shoe width	230 mm (9.1")	250 mm (9.8")	300 mm (11.8")
Length of track on ground	1005 mm (3'4")	1325 mm (4'4")	1575 mm (5'2")
Ground pressure	0.21 kg/cm ² (2.99 PSI/20.6 kPa)	0.27 kg/cm ² (3.84 PSI/26.5 kPa)	0.26 kg/cm ² (3.7 PSI/25.5 kPa)
Track gauge	800 mm (2'7")	1080 mm (3'7")	1220 mm (4')
Bucket digging force	760 kg (1,680 lb/7.4 kN)	1540 kg (3440 lb/15.1 kN)	2040 kg (4,500 lb/20.0 kN)
Arm crowd force	645 kg (1,420 lb/6.3 kN)	840 kg (1,850 lb/ 8.2 kN)	1270 kg (2,800 lb/12.4 kN)
Max. drawbar pull	910 kg (2,010 lb/8.9 kN)	1400 kg (3,090 lb/13.7 kN)	1960 kg (4,320 lb/19.2 kN)
Overall dimensions (at transport)			
height	1935 mm (6'4")	2285 mm (7'6")	2335 mm (7'8")
length	3355 mm (11')	3955 mm (13')	4550 mm (14'1")
width	1030 mm (3'5")	1380 mm (4'6")	1520 mm (5')
Min. tail swing radius	1050 mm	1195 mm (3'11")	1380 mm (4'6")
Max. travel speed	1.8 km/h (1.1 MPH)	1.7 km/h (1.1 MPH)	1.9 km/h (1.2 MPH)



HYDRAULIC EXCAVATORS

			
PC30-3	PC40-2	PC60-2	PC60L-2
0.045 ~ 0.09 m ³ (0.06 ~ 0.12 cu.yd)	0.04 ~ 0.11 m ³ (0.05 ~ 0.14 cu.yd)	0.07 ~ 0.25 m ³ (0.09 ~ 0.33 cu.yd)	0.07 ~ 0.25 m ³ (0.09 ~ 0.33 cu.yd)
0.05 ~ 0.11 m ³ (0.07 ~ 0.14 cu.yd)	0.05 ~ 0.12 m ³ (0.07 ~ 0.16 cu.yd)	0.08 ~ 0.30 m ³ (0.10 ~ 0.39 cu.yd)	0.08 ~ 0.30 m ³ (0.10 ~ 0.39 cu.yd)
0.06 ~ 0.12 m ³ (0.08 ~ 0.17 cu.yd)	0.06 ~ 0.14 m ³ (0.08 ~ 0.18 cu.yd)	0.09 ~ 0.34 m ³ (0.12 ~ 0.44 cu.yd)	0.09 ~ 0.34 m ³ (0.12 ~ 0.44 cu.yd)
22.2 HP (19.5 kW)/2700 RPM	35 HP (26 kW)/2250 RPM	50 HP (37 kW)/2400 RPM	50 HP (37 kW)/2400 RPM
KOMATSU 3D84-1B	KOMATSU 3D94-2A	KOMATSU 4D94-3	KOMATSU 4D94-3
1.413 ltr (86.2 cu.in)	2.21 ltr (135 cu.in)	2.94 ltr (179 cu.in)	2.94 ltr (179 cu.in)
3100 kg (6,830 lb)	4335 kg (9,560 lb)	6200 kg (13,670 lb)	6700 kg (14,770 lb)
3-gear pumps	2-pumps	3-pumps	3-pump
4	5	5	6
300 mm (11.8")	400 mm (15.7")	480 mm (18.9")	610 mm (24.0")
1575 mm (5'2")	1710 mm (5'7")	1900 mm (6'3")	2240 mm (7'4")
0.30 kg/cm ² (4.3 PSI/29.4 kPa)	0.28 kg/cm ² (4.0 PSI/27.5 kPa)	0.31 kg/cm ² (4.41 PSI/30.4 kPa)	0.22 kg/cm ² (3.13 PSI/21.6 kPa)
1220 mm (4')	1350 mm (4'5")	1600 mm (5'3")	1700 mm (5'7")
2075 kg (4,570 lb/20.3 kN)	2750 kg (6,060 lb/27 kN)	3620 kg (7,980 lb/35.5 kN)	3620 kg (7,980 lb/35.5 kN)
1340 kg (2,950 lb/13.1 kN)	1780 kg (3,295 lb/17.4 kN)	3090 kg (6,810 lb/30.3 kN)	3090 kg (6,810 lb/30.3 kN)
2220 kg (4,890 lb/21.8 kN)	2900 kg (6,390 lb/28.4 kN)	3950 kg (8,710 lb/38.7 kN)	5500 kg (12,125 lb/53.8 kN)
2335 mm (7'8")	2415 mm (7'11")	2465 mm (8'1")	2465 mm (8'1")
4880 mm (16')	5260 mm (17'3")	5830 mm (19'2")	5830 mm (19'2")
1520 mm (5')	1760 mm (5'9")	2195 mm (7'2")	2310 mm (7'7")
1450 mm (4'9")	1590 mm (5'3")	1750 mm (5'9")	1750 mm (5'9")
2.8 km/h (1.7 MPH)	2.2 km/h (1.4 MPH)	3.4 km/h (2.1 MPH)	2.5 km/h (1.6 MPH)

HYDRAULIC EXCAVATORS



PC60U-2



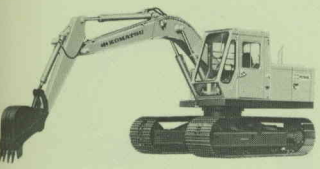



PC80-1



PC100-2

Bucket capacity			
Struck	0.07 ~ 0.25 m ³ (0.09 ~ 0.33 cu.yd)	0.07 ~ 0.34 m ³ (0.09 ~ 0.44 cu.yd)	0.12 ~ 0.43 m ³ (0.16 ~ 0.56 cu.yd)
Heaped	0.08 ~ 0.30 m ³ (0.10 ~ 0.39 cu.yd)	0.08 ~ 0.40 m ³ (0.10 ~ 0.52 cu.yd)	0.16 ~ 0.50 m ³ (0.21 ~ 0.65 cu.yd)
SAE heaped	0.09 ~ 0.34 m ³ (0.12 ~ 0.44 cu.yd)	0.09 ~ 0.47 m ³ (0.12 ~ 0.61 cu.yd)	0.17 ~ 0.56 m ³ (0.22 ~ 0.73 cu.yd)
Flywheel horsepower	50 HP (37 kW)/2400 RPM	60 HP (45 kW)/2100 RPM	81 HP (60 kW)/2100 RPM
Engine: Model	KOMATSU 4D94-3	KOMATSU 4D105-5	KOMATSU S4D105-5
Piston displacement	2.94 ltr (179 cu.in)	4.33 ltr (264 cu.in)	4.33 ltr (264 cu.in)
Operating weight (approx.)	6900 kg (15,210 lb)	7700 kg (16,980 lb)	10500 kg (23,150 lb)
Hydraulic system	3-pump system	4-pump system	3-pump system
No. of track rollers (each side)	5	5	6
Track shoe width	480 mm (18.9")	480 mm (18.9")	480 mm (18.9")
Length of track on ground	1900 mm (6'3")	2190 mm (7'2")	2340 mm (7'8")
Ground pressure	0.34 kg/cm ² (4.84 PSI/33.3 kPa)	0.33 kg/cm ² (4.69 PSI/32 kPa)	0.42 kg/cm ² (5.97 PSI/41.2 kPa)
Track gauge	1600 mm (5'3")	1750 mm (5'9")	1820 mm (6')
Bucket digging force	3620 kg (7,980 lb/35.5 kN)	4370 kg (9,630 lb/42.8 kN)	5810 kg (12,810 lb/56.9 kN)
Arm crowd force	3090 kg (6,810 lb/30.3 kN)	3500 kg (7,720 lb/34.3 kN)	4320 kg (9,520 lb/42.3 kN)
Max. drawbar pull	5200 kg (11,460 lb/51 kN)	5700 kg (12,570 lb/55.9 kN)	6050 kg (13,340 lb/59.3 kN)
Overall dimensions (at transport)			
height	2490 mm (8'2")	2625 mm (8'2")	2675 mm (8'9")
length	6400 mm (21')	6090 mm (21')	7180 mm (23'7")
width	2195 mm (7'2")	2340 mm (7'8")	2395 mm (7'10")
Min. tail swing radius	1800 mm (5'11")	1750 mm (5'11")	2225 mm (7'4")
Max. travel speed	2.5 km/h (1.6 MPH)	3.8 km/h (2.4 MPH)	3.4 km/h (2.1 MPH)



			
PC100L-2	PC120-2	PC150-1	PC200-2
0.12 ~ 0.43 m ³ (0.16 ~ 0.56 cu.yd)	0.12 ~ 0.47 m ³ (0.16 ~ 0.61 cu.yd)	0.42 ~ 0.54 m ³ (0.55 ~ 0.71 cu.yd)	0.39 ~ 0.76 m ³ (0.51 ~ 0.99 cu.yd)
0.16 ~ 0.50 m ³ (0.21 ~ 0.65 cu.yd)	0.16 ~ 0.55 m ³ (0.21 ~ 0.72 cu.yd)	0.50 ~ 0.65 m ³ (0.65 ~ 0.85 cu.yd)	0.45 ~ 0.90 m ³ (0.59 ~ 1.12 cu.yd)
0.17 ~ 0.56 m ³ (0.22 ~ 0.73 cu.yd)	0.17 ~ 0.61 m ³ (0.22 ~ 0.80 cu.yd)	0.57 ~ 0.75 m ³ (0.75 ~ 0.98 cu.yd)	0.48 ~ 1.02 m ³ (0.63 ~ 1.33 cu.yd)
60 kW/2100 RPM	90 HP (67 kW)/2400 RPM	85 HP (63 kW)/1900 RPM	105 HP (78 kW)/2150 RPM
KOMATSU S4D105-5	KOMATSU S4D105-5	KOMATSU 6D105	KOMATSU 6D105
4.33 ltr (264 cu.in)	4.33 ltr (264 cu.in)	6.49 ltr (396 cu.in)	6.49 ltr (396 cu.in)
12700 kg (28,000 lb)	11500 kg (25,350 lb)	14500 kg (31,970 lb)	18800 kg (41450 lb)
3-pump system	3-pump system	2-pump system	3-pump system
6	7	6	7
760 mm (29.9")	480 mm (18.9")	510 mm (20")	610 mm (24.0")
2675 mm (8'9")	2570 mm (8'5")	2755 mm (9')	3070 mm (10'1")
0.27 kg/cm ² (3.84 PSI/26.5 kPa)	0.42 kg/cm ² (5.97 PSI/41.2 kPa)	0.47 kg/cm ² (6.7 PSI/46.1 kPa)	0.46 kg/cm ² (6.54 PSI/45.1 kPa)
1970 mm (6'6")	1950 mm (6'5")	1980 mm (6'6")	2180 mm (7'2")
5810 kg (12,810 lb/56.9 kN)	6490 kg (14,310 lb/63.6 kN)	7800 kg (17,200 lb/76.4 kN)	10300 kg (22,710 lb/100.9 kN)
4320 kg (9,520 lb/42.3 kN)	4880 kg (10,760 lb/47.8 kN)	5840 kg (12,870 lb/57.2 kN)	7900 kg (20,790 lb/77.4 kN)
9040 kg (19,930 lb/88.6 kN)	7150 kg (15,760 lb/70.1 kN)	10300 kg (22,710 lb/ 101 kN)	12450 kg (27,450 lb/122 kN)
2885 mm (9'6")	2675 mm (8'9")	2905 mm (9'6")	2935 mm (9'8")
7110 mm (23'4")	7470 mm (24'6")	8350 mm (27'5")	9250 mm (30'4")
2730 mm (8'11")	2460 mm (8'1")	2550 mm (8'4")	2790 mm (9'2")
2225 mm (7'4")	2225 mm (7'4")	2500 mm (8'2")	2700 mm (8'10")
2.3 km/h (1.4 MPH)	3.6 km/h (2.2 MPH)	3.2 km/h (2.0 MPH)	3.7 km/h (2.3 MPH)

HYDRAULIC EXCAVATORS



PC200LC-2






PC220-2



PC220LC-2

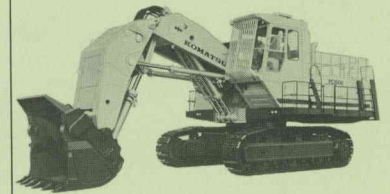
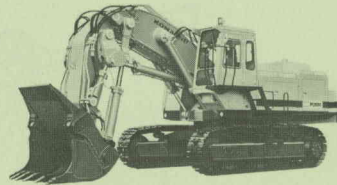
Bucket capacity			
Struck	0.39 ~ 0.83 m ³ (0.51 ~ 1.09 cu.yd)	0.61 ~ 0.93 m ³ (0.80 ~ 1.22 cu.yd)	0.55 ~ 0.90 m ³ (0.72 ~ 1.18 cu.yd)
Heaped	0.45 ~ 1.00 m ³ (0.59 ~ 1.31 cu.yd)	0.70 ~ 1.10 m ³ (0.92 ~ 1.44 cu.yd)	0.65 ~ 1.10 m ³ (0.85 ~ 1.44 cu.yd)
SAE heaped	0.50 ~ 1.17 m ³ (0.65 ~ 1.53 cu.yd)	0.78 ~ 1.26 m ³ (1.02 ~ 1.65 cu.yd)	0.72 ~ 1.26 m ³ (0.94 ~ 1.65 cu.yd)
Flywheel horsepower	105 HP (78 kW)/2150 RPM	136 HP (101 kW)/2150 RPM	136 HP (101 kW)/2150 RPM
Engine: Model	KOMATSU 6D105	KOMATSU S6D105	KOMATSU S6D105
Piston displacement	6.49 ltr (396 cu.yd)	6.49 ltr (396 cu.in)	6.49 ltr (396 cu.in)
Operating weight (approx.)	20300 kg (44,750 lb)	21800 kg (48,060 lb)	23300 kg (51,370 lb)
Hydraulic system	3-pump system	3-pump system	3-pump system
No. of track rollers (each side)	9	8	10
Track shoe width	710 mm (28")	610 mm (24.0")	710 mm (28.0")
Length of track on ground	3640 mm (11' 11")	3350 mm (11')	3830 mm (12'7")
Ground pressure	0.37 kg/cm ² (5.20 PSI/35.9 kPa)	0.49 kg/cm ² (6.97 PSI/48.1 kPa)	0.40 kg/cm ² (5.69 PSI/39.2 kPa)
Track gauge	2380 mm (7'10")	2380 mm (7'10")	2590 mm (8'6")
Bucket digging force	10300 kg (22,710 lb/101 kN)	11800 kg (26,010 lb/115.6 kN)	11800 kg (26,010 lb/116 kN)
Arm crowd force	7900 kg (17,420 lb/77.4 kN)	9340 kg (20,590 lb/91.5 kN)	9500 kg (20,940 lb/93 kN)
Max. drawbar pull	14000 kg (30,860 lb/137.2 kN)	15200 kg (33,500 lb/145 kN)	15200 kg (33,510 lb/149 kN)
Overall dimensions (at transport)			
height	2935 mm (9'8")	3060 mm (10')	3060 mm (10')
length	9250 mm (30'4")	9875 mm (32'5")	9875 mm (32'5")
width	3090 mm (10'2")	2990 mm (9'10")	3300 mm (10'10")
Min. tail swing radius	2700 mm (8'10")	2900 mm (9'6")	2900 mm (9'6")
Max. travel speed	3.4 km/h (2.1 MPH)	3.4 km/h (2.1 MPH)	3.4 km/h (2.1 MPH)



		
PC300-2	PC300LC-2	PC400-1
0.85 ~ 1.15 m ³ (1.11 ~ 1.50 cu.yd)	0.85 ~ 1.15 m ³ (1.1 ~ 1.5 cu.yd)	1.05 ~ 1.57 m ³ (1.37 ~ 2.05 cu.yd)
1.0 ~ 1.4 m ³ (1.3 ~ 1.8 cu.yd)	1.0 ~ 1.4 m ³ (1.3 ~ 1.8 cu.yd)	1.2 ~ 2.0 m ³ (1.57 ~ 2.62 cu.yd)
1.11 ~ 1.56 m ³ (1.35 ~ 2.0 cu.yd)	1.11 ~ 1.56 m ³ (1.5 ~ 2.0 cu.yd)	1.38 ~ 2.25 m ³ (1.80 ~ 2.94 cu.yd)
180 HP (134 kW)/1850 RPM	180 HP (134 kW)/1850 RPM	233 HP (174 kW)/1800 RPM
KOMATSU-CUMMINS N855C	KOMATSU-CUMMINS N855C	KOMATSU-CUMMINS NT855C
14.01 ltr (855 cu.in)	14.01 ltr (855 cu.in)	14.01 ltr (855 cu.in)
29000 kg (63,930 lb)	31500 kg (69,460 lb)	40000 kg (88,180 lb)
3-pump system	3-pump system	4-pump system
7	9	7
610 mm (24.0")	710 mm (28")	610 mm (24.0")
3480 mm (11'5")	4090 mm (13'5")	3775 mm (12'5")
0.62 kg/cm ² (8.82 PSI/60.8 kPa)	0.50 kg/cm ² (7.11 PSI/49.0 kPa)	0.80 kg/cm ² (11.4 PSI/78.5 kPa)
2580 mm (8'6")	2580 mm (8'6")	2870 mm (9'5")
17200 kg (38,000 lb/168.7 kN)	17200 kg (38,000 lb/168.6 kN)	20000 kg (44,090 lb/196 kN)
11200 kg (24,680 lb/109.7 kN)	11200 kg (24,690 lb/109.8 kN)	16000 kg (35,270 lb/157 kN)
20500 kg (45,190 lb/200.9 kN)	25300 kg (55,780 lb/248 kN)	26000 kg (57,320 lb/225 kN)
3230 mm (10'7")	3230 mm (10'7")	3505 mm (10')
11295 mm (37'1")	11295 mm (37'1")	11700 mm (38'5")
3190 mm (10'6")	3290 mm (10'10")	3480 mm (11'5")
3370 mm (11'1")	3370 mm (11'1")	3500 mm (11'6")
3.1 km/h (1.9 MPH)	2.5 km/h (1.6 MPH)	3.2 km/h (1.99 MPH)

HYDRAULIC EXCAVATORS

Loading shovel type



PC650-1

PC1500-1

Bucket capacity		
Struck	2.8 m ³ (3.7 cu.yd)	6.5 ~ 12.0 m ³ (8.5 ~ 15.7 cu.yd)
Heaped	3.8 m ³ (5.0 cu.yd)	7.6 ~ 14 m ³ (9.9 ~ 18.3 cu.yd)
Flywheel horsepower	410 HP (306 kW)	Twin engines 410 HP (306 kW)/1600 RPM x 2
Engine: Model	*KOMATSU S6D170-1 or *CUMMINS KT1150	*KOMATSU S6D170-1 or *CUMMINS KT1150
Piston displacement	23.15 ltr (1413 cu.in)	23.15 ltr (1413 cu.in) x 2
Operating weight (approx.)	68500 kg (151,020 lb)	160000 kg (352,740 lb)
Hydraulic system	4-pump system	6-pump system
No. of track rollers (each side)	8	8
Track shoe width	610 mm (24.0")	810 mm (31.9")
Length of track on ground	4500 mm (14'9")	5780 mm (19')
Ground pressure	1.12 kg/cm ² (15.9 PSI/109.8 kPa)	1.55 kg/cm ² (22.0 PSI/152 kPa)
Track gauge	3300 mm (10'10")	4350 mm (14'3")
Bucket digging force	45000 kg (99,210 lb/441 kN)	78000 kg (171,960 lb/765 kN)
Arm crowd force	44000 kg (97,00 lb/431 kN)	83000 kg (182,980 lb/813 kN)
Max. drawbar pull	43900 kg (86780 lb/430 kN)	93000 kg (205,030 lb/912 kN)
Overall dimensions (at transport)		
height	4910 mm (16'1")	6600 mm (21'8")
length	9520 mm (31'3")	12180 mm (40')
width	4325 mm (14'2")	6530 mm (21'5")
Min. tail swing radius	4100 mm (13'5")	5900 mm (19'4")
Max. travel speed	4.1 km/h (2.55 MPH)	2.4 km/h (1.5 MPH)

*Choice of KOMATSU or CUMMINS engines according to customer requirements.