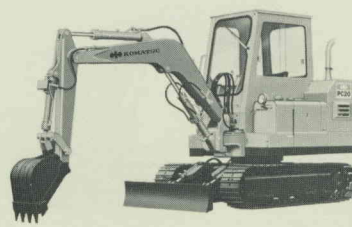


HYDRAULIC EXCAVATORS



PC10-1



PC20-1



PC40-1

Bucket capacity
Struck

0.04 ~ 0.08 m³
(0.05 ~ 0.10 cu.yd)

0.04 ~ 0.08 m³
(0.05 ~ 0.10 cu.yd)

0.04 ~ 0.11 m³
(0.05 ~ 0.14 cu.yd)

Heaped

0.05 ~ 0.12 m³
(0.04 ~ 0.16 cu.yd)

SAE heaped

0.06 ~ 0.14 m³
(0.08 ~ 0.18 cu.yd)

Flywheel horsepower

20 HP (15 kW/2200 RPM)

35 HP (26 kW)/2250 RPM

Engine: Model

KOMATSU 2D94-2

KOMATSU 2D94-2

KOMATSU 3D94-2A

Piston displacement

1.47 ltr (89.7 cu.in)

1.47 ltr (89.7 cu.in)

2.21 ltr (135 cu.in)

Operating weight (approx.)

1990 kg (4,390 lb)

2550 kg (5,620 lb)

4335 kg (9,560 lb)

Hydraulic system

2-gear pumps

2-gear pumps

2-pump with power sensor

No. of track rollers (each side)

3

4

5

Track shoe width

250 mm (9.8")

300 mm (11.8")

400 mm (15.7")

Length of track on ground

1325 mm (4'4")

1535 mm (5')

1710 mm (5'7")

Ground pressure

0.27 kg/cm² (PSI/24.5 kPa)

0.25 kg/cm² (3.56 PSI/24.5 kPa)

0.28 kg/cm² (4.0 PSI/27.5 kPa)

Track gauge

1080 mm (3'7")

1170 mm (3'10")

1350 mm (4'5")

Bucket digging force

1560 kg (3,440 lb/15.3 kN)

1700 kg (3,750 lb)

2720 kg (6,000 lb/26.6 kN)

Arm crowd force

1780 kg (3,295 lb/17.4 kN)

Max. drawbar pull

2900 kg (6,390 lb)

Overall dimensions (at transport)
height

2285 mm (7'6")

2285 mm (7'6")

2395 mm (7'10")

length

3800 mm (12'6")

4270 mm (14')

5255 mm (17'3")

width

1380 mm (4'6")

1470 mm (4'10")

1750 mm (5'9")

Min. turning radius

1195 mm (3'11")

2245 mm (7'4")

1.5 m (4'11")

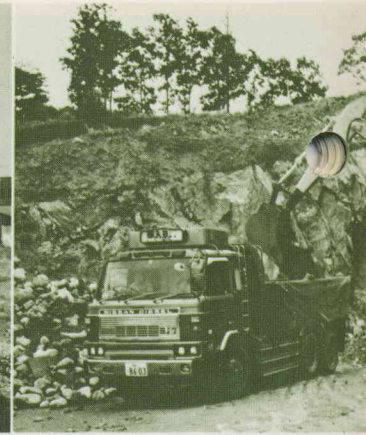
Max. travel speed

1.8 km/h (1.1 MPH)

1.7 km/h (1.1 MPH)

2.2 km/h (1.4 MPH)

HYDRAULIC EXCAVATORS



PC60-1



PC60L-1



PC100-1

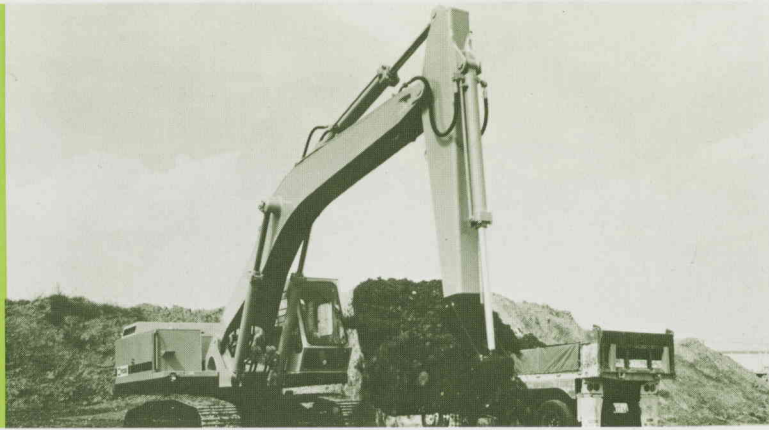
Bucket capacity			
Struck	0.07 ~ 0.25 m ³ (0.09 ~ 0.33 cu.yd)	0.07 ~ 0.25 m ³ (0.09 ~ 0.33 cu.yd)	0.12 ~ 0.43 m ³ (0.16 ~ 0.56 cu.yd)
Heaped	0.08 ~ 0.30 m ³ (0.10 ~ 0.39 cu.yd)	0.08 ~ 0.30 m ³ (0.10 ~ 0.39 cu.yd)	0.16 ~ 0.50 m ³ (0.21 ~ 0.65 cu.yd)
SAE heaped	0.09 ~ 0.34 m ³ (0.12 ~ 0.44 cu.yd)	0.09 ~ 0.34 m ³ (0.12 ~ 0.44 cu.yd)	0.17 ~ 0.56 m ³ (0.22 ~ 0.73 cu.yd)
Flywheel horsepower	50 HP (37 kW)/2400 RPM	50 HP/(37 kW)/2400 RPM	81 HP (60 kW)/2100 RPM
Engine: Model	KOMATSU 4D94-2	KOMATSU 4D94-2	KOMATSU S4D105-5
Piston displacement	2.94 ltr (179 cu.in)	2.94 ltr (179 cu.in)	4.33 ltr (264 cu.in)
Operating weight (approx.)	6200 kg (13,670 lb)	6700 kg (14,770 lb)	10500 kg (23,150 lb)
Hydraulic system	2-pump with power sensor	2-pump system with power sensor	3-pump system
No. of track rollers (each side)	5	6	6
Track shoe width	480 mm (18.9")	610 mm (24.0")	480 mm (18.9")
Length of track on ground	1900 mm (6'3")	2240 mm (7'4")	2340 mm (7'8")
Ground pressure	0.30 kg/cm ² (4.27 PSI/29.4 kPa)	0.22 kg/cm ² (3.13 PSI/21.6 kPa)	0.42 kg/cm ² (5.97 PSI/41.2 kPa)
Track gauge	1600 mm (5'3")	1700 mm (5'7")	1820 mm (6')
Bucket digging force	3620 kg (7,980 lb/354 kN)	3620 kg (7,980 lb/354 kN)	5810 kg (12,810 lb/56.8 kN)
Arm crowd force	3090 kg (6,810 lb/302 kN)	3090 kg (6,810 lb/302 kN)	4320 kg (9,520 lb/42.2 kN)
Max. drawbar pull	3600 kg (7,940 lb)	5500 kg (12,125 lb)	6050 kg (13,340 lb)
Overall dimensions (at transport)			
height	2455 mm (8'1")	2485 mm (8'2")	2675 mm (8'9")
length	5780 mm (19')	5775 mm (18'11")	7180 mm (23'7")
width	2195 mm (7'2")	2310 mm (7'7")	2395 mm (7'10")
Min. turning radius			
Max. travel speed	2.9 km/h (1.8 MPH)	2.0 km/h (1.2 MPH)	2.8 km/h (1.7 MPH)





			
PC100L-1	PC120-1	PC200-1	PC220-1
0.12 ~ 0.43 m ³ (0.16 ~ 0.56 cu.yd)	0.12 ~ 0.47 m ³ (0.16 ~ 0.61 cu.yd)	0.39 ~ 0.76 m ³ (0.51 ~ 0.99 cu.yd)	0.61 ~ 0.93 m ³ (0.80 ~ 1.22 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)	0.45 ~ 0.90 m ³ (0.59 ~ 1.12 cu.yd)	0.70 ~ 1.10 m ³ (0.92 ~ 1.44 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)	0.48 ~ 1.02 m ³ (0.63 ~ 1.33 cu.yd)	0.78 ~ 1.26 m ³ (1.02 ~ 1.65 cu.yd)
81 HP (60 kW)/2100 RPM	90 HP (67 kW)/2400 RPM	105 HP (78 kW)/2350 RPM	136 HP (101 kW)/2350 RPM
KOMATSU S4D105-5	KOMATSU S4D105-5	KOMATSU 6D105	KOMATSU S6D105
4.33 ltr (264 cu.in)	4.33 ltr (264 cu.in)	6.49 ltr (396 cu.in)	6.49 ltr (396 cu.in)
127000 kg (28,000 lb)	11500 kg (25,350 lb)	18500 kg (40,790 lb)	22000 kg (48,500 lb)
3-pump system	3-pump system	3-pump system	3-pump system
6	7	7	8
760 mm (29.9")	480 mm (18.9")	610 mm (24.0")	610 mm (24.0")
2675 mm (8'9")	2570 mm (8'5")	3060 mm (10')	3340 mm (11')
0.42 kg/cm ² (3.84 PSI/41.2 kPa)	0.42 kg/cm ² (5.97 PSI/41.2 kPa)	0.45 kg/cm ² (6.40 PSI/44.1 kPa)	0.50 kg/cm ² (7.11 PSI/49.0 kPa)
1970 mm (6'6")	1950 mm (6'5")	2160 mm (7'1")	2380 mm (7'10")
5810 kg (12,810 lb/56.8 kN)	6490 kg (14,310 lb/140 kN)	10000 kg (22,050 lb/97.8 kN)	11730 kg (25,860 lb/114.7 kN)
4320 kg (9,520 lb/42.2 kN)	4880 kg (10,760 lb/105.2 kN)	9430 kg (20,790 lb/92.2 kN)	9340 kg (20,590 lb/91.3 kN)
9040 kg (19,930 lb)	7150 kg (15,760 lb)	12450 kg (27,450 lb)	15200 kg (33,500 lb)
2885 mm (9'6")	2675 mm (8'9")	2855 mm (9.4")	3040 mm (10')
7110 mm (23'4")	7470 mm (24'6")	9440 mm (31')	9960 mm (32'8")
2610 mm (8'7")	2460 mm (8'1")	2770 mm (9'1")	2990 mm (9'10")
2.0 km/h (1.2 MPH)	3.0 kg/h (1.9 MPH)	3.6 km/h (2.2 MPH)	3.0 km/h (1.9 MPH)

HYDRAULIC EXCAVATORS



PC300-1

Bucket capacity	1.0 m ³ (1.3 cu.yd)
Struck	
Heaped	1.2 ~ 1.4 m ³ (1.6 ~ 1.8 cu.yd)
SAE heaped	1.3 ~ 1.6 m ³ (1.7 ~ 0.1 cu.yd)
Flywheel horsepower	180 HP (134 kW)/1850 RPM
Engine: Model	KOMATSU CUMMINS N855C
Piston displacement	14.01 ltr (855 cu.in)
Operating weight (approx.)	28000 kg (61,730 lb)
Hydraulic system	4-pump system
No. of track rollers (each side)	7
Track she wisth	610 mm (24")
Length of track on ground	3480 mm (11'5")
Ground pressure	0.59 kg/cm ² (8.39 PSI/57.9 kPa)
Track gauge	2390 mm (7'10")
Bucket digging force	16000 kg (36,270 lb/157 kN)
Arm crowd force	10400 kg (22,930 lb/102 kN)
Max. drauber pull	20500 kg (45,190 lb)
Overall dimensions (at transport)	
height	3230 mm (10'7")
length	11295 mm (37'1")
width	3000 mm (9'10")
Min. turing radius	2.6 m (8'6")
Max. travel speed	3.0 km/h (1.86 MPH)