

WHEEL LOADERS



W70

W90

W120

Bucket capacity struck	1.4 m ³ (1.8 cu.yd)	1.9 m ³ (2.5 cu.yd)	2.7 m ³ (3.5 cu.yd)
heaped	1.7 m ³ (2.2 cu.yd)	2.3 m ³ (3.0 cu.yd)	3.1 m ³ (4.0 cu.yd)
Flywheel horsepower	105 HP/2500 RPM	152 HP/2500 RPM	200 HP/2200 RPM
Engine: Model Piston displacement	KOMATSU 6D105 6490 cc (396 cu.in)	KOMATSU S6D105 6490 cc (396 cu.in)	NISSAN DIESEL PD6T0 10300 cc (629 cu.in)
Operating weight (approx.)	9380 kg (20,680 lb)	12300 kg (27,120 lb)	16330 kg (36,000 lb)
Transmitting system	TORQFLOW	TORQFLOW	TORQFLOW
Tires	17.5-25-12 PR (L-2) Pneumatic, traction type	20.5-25-12 PR (L-3) Tubeless, rock type	23.5-25-12 PR (L-3) Pneumatic, rock type
Wheelbase	2600 mm (102.4")	2870 mm (113.0")	3125 mm (123.0")
Tread	1930 mm (76.0")	1985 mm (78.1")	2275 mm (89.6")
Static tipping load (straight)	6690 kg (14,750 lb)	9670 kg (21,320 lb)	12850 kg (28,330 lb)
(full turn)	5690 kg (12,540 lb)	8700 kg (19,180 lb)	11550 kg (25,460 lb)
Breakout force	8350 kg (18,410 lb)	12200 kg (26,900 lb)	12550 kg (27,670 lb)
Dumping reach	960 mm (37.8")	975 mm (38.5")	1100 mm (43.3")
Dumping clearance	2700 mm (106.3")	2825 mm (111.2")	2960 mm (116.5")
Turning radius (Outside corner of bucket)	5770 mm (19.7 ft)	6530 mm (21.4 ft)	6930 mm (22.7 ft)
Overall dimensions			
height	3100 mm (122.0")	3240 mm (127.6")	3450 mm (135.8")
length	6280 mm (247.2")	6945 mm (273.4")	7545 mm (297.0")
width (w/o Bucket)	2390 mm (94.1")	2515 mm (99.0")	2780 mm (109.4")
bucket width	2440 mm (96.1")	2615 mm (103.0")	2985 mm (117.5")

Travel speed km/h (MPH)	forward	1st 8.1 (5.0)	1st 7.5 (4.7)	1st 0- 7.1 (4.4)
		2nd 15.8 (9.8)	2nd 13.3 (8.3)	2nd 0-12.4 (7.7)
		3rd 37.0 (23.0)	3rd 30.4 (18.9)	3rd 0-30.0 (18.6)
reverse	1st 9.7 (6.0)	1st 8.0 (5.0)	1st 0- 7.3 (4.5)	
	2nd 18.9 (11.7)	2nd 14.2 (8.8)	2nd 0-13.8 (8.6)	
	3rd 43.0 (26.7)	3rd 32.3 (20.1)	3rd 0-33.0 (20.5)	



W170

3.1 m³ (4.0 cu.yd)

3.5 m³ (4.6 cu.yd)

239 HP/2500 RPM

ISUZU 8MA1*
1000 cc
(1,007 cu.in)

19080 kg
(42,060 lb)

TORQFLOW

23.5-25-20 PR
(L-3) pneumatic,
rock type

3050 mm (120.1")

2260 mm (89.0")

14300 kg (31,530 lb)

12900 kg (28,440 lb)

15650 kg (34,500 lb)

1240 mm (48.8")

2950 mm (116.1")

7180 mm (23.3 ft)

3240 mm (127.6")

7600 mm (299.2")

2890 mm (113.8")

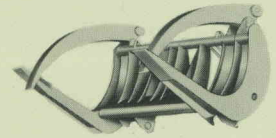
3100 mm
(122.0")

1st 7.0 (4.3) 4th 40.0 (24.8)
2nd 12.0 (7.5)
3rd 24.0 (14.9)

1st 7.0 (4.3) 4th 40.0 (24.8)
2nd 12.0 (7.5)
3rd 24.0 (14.9)

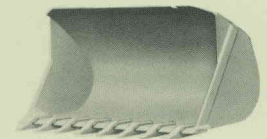
* CUMMINS engine also available.

ATTACHMENTS FOR WHEEL LOADERS



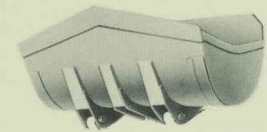
LOG CLAMP

Having strengthened forks and arms, this clamps logs firmly to carry or load onto trucks.



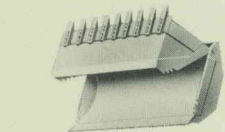
GENERAL-PURPOSE BUCKET

Three types of buckets are available to suit the job.



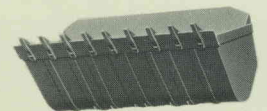
SPADE NOSE BUCKET

For large shot-rock loading or heavy-duty digging which requires greater digging force.



MULTIPURPOSE BUCKET

A bucket/blade combination usable as a bucket, blade, scraper or crumshell for all-around loading, topsoil stripping and debris-cleaning.



LARGE BUCKET (LIGHT- MATERIAL BUCKET)

Ideal for handling bulky materials such as sand and chips.