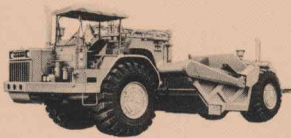


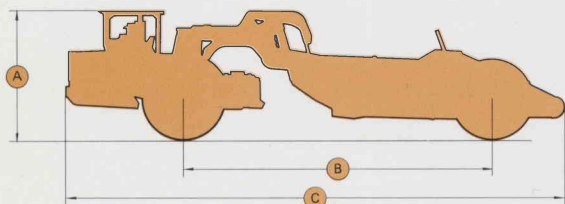
# MOTOR SCRAPERS



**WS16**

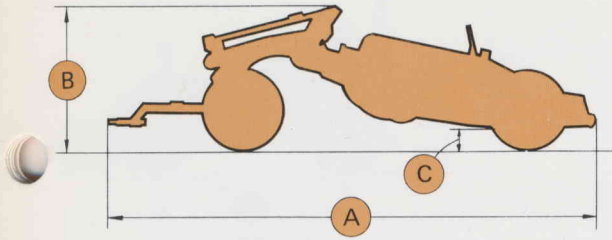
**WS23S**



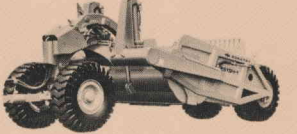
Driving method	Twin engines, four-wheel drive	Single engine, two-wheel drive
Flywheel horsepower	210 HP/2000 RPM x 2	425 HP/2100 RPM
Capacity		
Struck	11 m <sup>3</sup> (14.4 cu.yd)	16 m <sup>3</sup> (20.9 cu.yd)
Heaped	16 m <sup>3</sup> (20.9 cu.yd)	23 m <sup>3</sup> (30.1 cu.yd)
Max. payload	22000 kg ( 48,500 lb)	33000 kg ( 72,750 lb)
Gross vehicle weight	55600 kg (122,570 lb)	67800 kg (149,470 lb)
Operating weight (approx.)	33600 kg ( 74,070 lb)	34800 kg ( 83,330 lb)
Loaded gross weight to horsepower ratio	184 kg (405 HP): 1 HP	237 kg (522 lb): 1 HP
Transmission/travel speeds	TORQFLOW/F6 ~ R1	TORQFLOW/F8 ~ R1
Transmission control	Fully automatic	Fully automatic
Max. travel speed	60.0 km/h (37.2 MPH)	52.0 km/h (32.3 MPH)
Width required for 180° turn	11500 mm (452.7")	12000 mm (472.4")
Tires:		
Front	33.5-33-20 PR	33.5-33-32 PR
Rear	33.5-33-20 PR	33.5-33-32 PR
Scraper controls	Hydraulic	Hydraulic
Max. depth of cut	650 mm ( 25.6")	900 mm ( 35.4")
Width of cut	3030 mm (119.3")	3380 mm (133.1")
Max. depth of spread	500 mm ( 19.7")	510 mm ( 20.1")
<b>A</b> Overall height (apron closed)	3670 mm (144.5")	3565 mm (140.4")
<b>B</b> Wheelbase	7400 mm (291.3")	8390 mm (330.3")
<b>C</b> Overall length	12900 mm (507.9")	13460 mm (529.9")
Overall width	3400 mm (133.9")	3690 mm (145.3")



WS23S



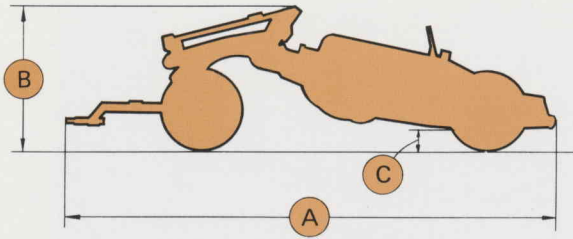


TOWED SCRAPERS			
	RS08-2	RS12-2	RS13H
Recommended tractor	Komatsu D60, D65	Komatsu D80, D85	Komatsu D80, D85
Capacity: Struck	6.1 m <sup>3</sup> (8.0 cu.yd)	9.2 m <sup>3</sup> (12.0 cu.yd)	9.7 m <sup>3</sup> (12.7 cu.yd)
Heaped	7.7 m <sup>3</sup> (10.1 cu.yd)	11.5 m <sup>3</sup> (15.0 cu.yd)	12.5 m <sup>3</sup> (16.3 cu.yd)
Net weight	7700 kg (16,980 lb)	10500 kg (23,150 lb)	11300 kg (24,910 lb)
Max. payload	11170 kg (24,630 lb)	16700 kg (36,820 lb)	18130 kg (39,970 lb)
Max. carrying weight	18870 kg (41,600 lb)	27200 kg (59,970 lb)	29430 kg (64,880 lb)
Control	Cable	Cable	Hydraulic
Apron opening (bowl raised)	1230 mm ( 48.4'')	1570 mm ( 61.8'')	1680 mm ( 66.1'')
Ejector stroke	1100 mm ( 43.3'')	1520 mm ( 59.8'')	1450 mm ( 57.1'')
Width of cut	2680 mm (105.5'')	2582 mm (101.7'')	2680 mm (105.5'')
Max. depth of cut	280 mm ( 11.0'')	300 mm ( 11.8'')	300 mm ( 11.8'')
Tires: Front	14.00-20-16 PR	18.00-25-16 PR	18.00-25-16 PR 23.00-25-16 PR*
Rear (* OPT)	16.00-20-20 PR	18.00-25-20 PR	23.5-25-16 PR 30.00-25-12 PR*
A Overall length	8880 mm (349.6'')	10260 mm (403.9'')	10000 mm (393.7'')
B Overall height (bowl lowered)	2460 mm ( 96.9'')	3090 mm (121.7'')	3120 mm (122.8'')
Overall width	3040 mm (119.7'')	3140 mm (123.6'')	3142 mm (123.7'')
C Ground clearance (ground to bottom of bowl)	425 mm ( 16.7'')	380 mm ( 15.0'')	400 mm ( 15.7'')

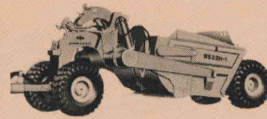


RS13H





## TOWED SCRAPERS



**RS15**

**RS22H-1**

**RS24H-1**

Recommended tractor	Komatsu D150, D155	Komatsu D150, D155	Komatsu D150, D155
Capacity: Struck	11.9 m <sup>3</sup> (15.6 cu.yd)	17.1 m <sup>3</sup> (22.4 cu.yd)	18.2 m <sup>3</sup> (23.8 cu.yd)
Heaped	15.3 m <sup>3</sup> (20.0 cu.yd)	21.5 m <sup>3</sup> (28.1 cu.yd)	23.6 m <sup>3</sup> (30.9 cu.yd)
Net weight	12000 kg (26,460 lb)	16900 kg (37,260 lb)	17800 kg (39,250 lb)
Max. payload	22200 kg (48,940 lb)	31180 kg (68,750 lb)	34200 kg (75,400 lb)
Max. carrying weight	34200 kg (75,400 lb)	48080 kg (106,020 lb)	52000 kg (114,660 lb)
Control	Cable	Hydraulic	Hydraulic
Ejector stroke	1333 mm ( 52.5")	1600 mm ( 63.0")	1700 mm ( 66.9")
Width of cut	3016 mm (118.7")	3100 mm (122.0")	3100 mm (122.0")
Max. depth of cut	300 mm ( 11.8")	365 mm ( 14.4")	390 mm ( 15.4")
Tires: Front	21.00-25-20 PR	21.00-25-20 PR 24.00-25-24 PR*	24.00-25-24 PR
Rear	26.50-25-26 PR	24.00-25-24 PR 29.00-25-22 PR	29.50-25-28 PR
<b>A</b> Overall length	10865 mm (427.9")	11490 mm (452.4")	11840 mm (466.1")
<b>B</b> Overall height (bowl lowered)	3010 mm (118.5")	3480 mm (137.0")	3470 mm (136.6")
Overall width	3552 mm (139.8")	3480 mm (137.0")	3480 mm (137.0")
<b>C</b> Ground clearance (ground to bottom of bowl)	460 mm ( 18.1")	415 mm ( 16.3")	410 mm ( 16.1")

\* Optional



RS24H