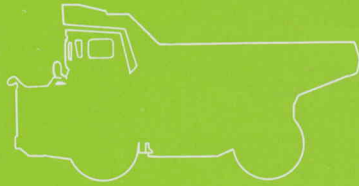


DUMP TRUCKS



HD180-4



HD200-2



HD320-3

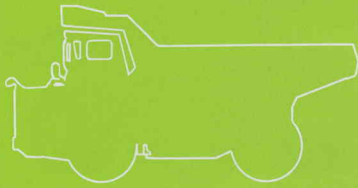
	HD180-4	HD200-2	HD320-3
Gross/net horsepower	240/230 HP (179/172 kW)/2100 RPM	300/280 HP (224/209 kW)/2100 RPM	420/405 HP (313/302 kW)/2300 RPM
Net weight (empty)	16790 kg (37,020 lb)	18500 kg (40,790 lb)	25750 kg (56,770 lb)
Capacity struck	10.7 m ³ (14.0 cu.yd)	11.2 m ³ (14.6 cu.yd)	18.0 m ³ (23.5 cu.yd)
heaped (30°)	14.2 m ³ (18.6 cu.yd)	15.2 m ³ (19.9 cu.yd)	24.0 m ³ (31.4 cu.yd)
max. payload	18000 kg (20 U.S. tons)	20000 kg (22 U.S. tons)	32000 kg (35 U.S. tons)
Engine: Model Piston displacement	KOMATSU-CUMMINS NTO-6-B 12.17 ltr (743 cu.in)	KOMATSU-CUMMINS NTC743C 12.17 ltr (743 cu.in)	KOMATSU-CUMMINS NTA855-C 14.01 ltr (855 cu.in)
Transmitting system	Direct drive	TORQFLOW	TORQFLOW
Transmission control	Manual control	Manual control	Manual control
Service brake			
front	Air actuated, internal expanding	Air actuated, internal expanding	Air actuated, internal expanding
rear	Air actuated, internal expanding	Air actuated, internal expanding	Air-over hydraulic, oil-cooled multiple disc
Suspension	Leaf springs	Leaf springs	Hydropneumatic
Tires			
front	14.00-25-20 PR x 2	16.00-25-24 PR x 2	18.00-25-32 PR x 2
rear	16.00-25-24 PR x 4	16.00-25-24 PR x 4	18.00-25-32 PR x 4
Wheelbase	4000 mm (13'1")	3750 mm (12'4")	3750 mm (12'4")
Tire treads: front rear	2010 mm (6'7") 2030 mm (6'8")	2540 mm (8'4") 2030 mm (6'8")	3150 mm (10'4") 2550 mm (8'4")
Overall dimensions			
height	3300 mm (10'10")	3450 mm (11'4")	3850 mm (12'8")
length	7295 mm (23'11")	7450 mm (24'5")	7650 mm (25'1")
width	3000 mm (9'10")	3200 mm (10'6")	3670 mm (12')
loading height	2800 mm (9' 2")	2650 mm (8'8")	3050 mm (10')
body length	4025 mm (13' 2")	4390 mm (14'5")	5260 mm (17'3")
turning radius	9.0 m (29'6")	7.0 m (23')	7.2 m (23'7")



HAUL TRUCKS

			
HD325-3	HD465-2	HD680-2	HD780-1
450/438 HP (336/327 kW)/2100 RPM	700/679 HP (522/507 kW)/2100 RPM	800/775 HP (597/578 kW)/2100 RPM	800/777 HP (597/580 kW)/2100 RPM
26600 kg (58,640 lb)	36500 kg (80,470 lb)	46500 kg (102,510 lb)	50670 kg (111,710 lb)
18.0 m ³ (23.5 cu.yd)	24.0 m ³ (31.4 cu.yd)	32.0 m ³ (41.9 cu.yd)	37.0 m ³ (48.4 cu.yd)
21.0 m ³ (31.4 cu.yd)	34.2 m ³ (44.7 cu.yd)	44.0 m ³ (57.5 cu.yd)	52 m ³ (68 cu.yd)
46000 kg (102,200 U.S. tons)	46000 kg (51 U.S. tons)	68000 kg (75 U.S. tons)	78000 kg (86 U.S. tons)
CUMMINS KT1150-C 18.8 ltr (1,150 cu.in)	CUMMINS VT1710-C 28.02 ltr (1,710 cu.in)	CUMMINS VTA1710-C 28.02 ltr (1,710 cu.in)	CUMMINS VTA-1710-C 28.02 ltr (1,710 cu.in)
TORQFLOW	TORQFLOW	TORQFLOW	TORQFLOW
Manual control	Full-automatic control	Semi-automatic control	Full-automatic control
Air actuated, internal expanding	Air-over hydraulic, internal expanding	Air-over hydraulic, internal expanding	Air-over hydraulic, internal expanding
Air-over hydraulic, oil-cooled multiple disc	Air-over hydraulic, oil-cooled multiple disc	Air-over hydraulic, oil-cooled multiple disc	Air-over hydraulic, oil-cooled multiple disc
Hydropneumatic	Hydropneumatic	Hydropneumatic	Hydropneumatic
18.00-33-28 PR x 2	21.00-35-32 PR x 2	24.00-35-42 PR x 2	24.00-49-42 PRx2
18.00-33-28 PR x 4	21.00-35-32 PR x 4	24.00-35-42 PR x 4	24.00-49-42 PRx4
3750 mm (12'4")	4250 mm (13'11")	4750 mm (15'7")	4750 mm (15'7")
3150 mm (10'4") 2550 mm (8'4")	3470 mm (11' 5") 2770 mm (9' 1")	3840 mm (12'7") 3050 mm (10')	4200 mm (13'9") 3400 mm (11'2")
3950 mm (13')	4250 mm (13'11")	4290 mm (14'1")	4870 mm (16')
7650 mm (25'1")	9000 mm (29' 6")	9790 mm (32'1")	10130 mm (33'3")
3670 mm (12')	4050 mm (13' 3")	4675 mm (15'4")	5000 mm (16'5")
3150 mm (10'4")	3350 mm (11')	3690 mm (12'1")	3990 mm (13'1")
5260 mm (17'3")	6450 mm (21' 2")	6600 mm (21'8")	6600 mm (21'8")
7.2 m (23'7")	8.0 m (26'3")	8.8 m (28'10")	8.8 m (28'10")

DUMP TRUCKS



HD785-1



HD1200-1



HD1200M-1

Gross/net horsepower	900/877 HP (671/654 kW)/2100 RPM	1200/1160 HP (895/865 kW)/2100 RPM	1200/1160 HP (895/865 kW)/2100 RPM
Net weight (empty)	53500 kg (117,950 lb)	85800 kg (189,160 lb)	81000 kg (178,570 lb)
Capacity struck	37 m ³ (48.4 cu.yd)	46.0 m ³ (60.2 cu.yd)	46.0 m ³ (60.2 cu.yd)
heaped (30°)	52 m ³ (68 cu.yd)	70.0 m ³ (91.6 cu.yd)	70.0 m ³ (91.6 cu.yd)
max. payload	78000 kg (86 U.S. tons)	120000 kg (132 U.S. tons)	120000 kg (132 U.S. tons)
Engine: Model Piston displacement	CUMMINS KT2300-C 37.8 ltr (2300 cu.in)	CUMMINS KTA2300-C 37.7 ltr (2300 cu.in)	CUMMINS KTA2300-C 37.7 ltr (2300 cu.in)
Transmitting system	TORQFLOW	Diesel-electric drive	TORQFLOW
Transmission control	Full-automatic control	—	Full-automatic control
Service brake			
front	Air-over hydraulic, internal expanding	Air-over hydraulic, internal expanding	Air-over hydraulic, oil-cooled, multiple-disc
rear	Air-over hydraulic, oil-cooled, multiple-disc	Dynamic brake and air-over hydraulic internal expanding	Air-over hydraulic, oil-cooled, multiple-disc
Suspension	Hydropneumatic	Hydropneumatic	Hydropneumatic
Tires			
front	24.00-49-42 PR x 2	30.00-51-46 PR x 2	30.00-51-46 PR x 2
rear	24.00-49-42 PR x 4	30.00-51-46 PR x 4	30.00-51-46 PR x 4
Wheelbase	4750 mm (15'7")	5400 mm (17'9")	5400 mm (17'9")
Tire treads: front rear	4200 mm (13'9") 3400 mm (11'2")	4965 mm (16'3") 4020 mm (13'2")	5015 mm (16'5") 4020 mm (13'2")
Overall dimensions			
height	4920 mm (16'2")	5170 mm (17')	4890 mm (16'1")
length	10130 mm (33'3")	10885 mm (35'9")	10885 mm (35'9")
width	5700 mm (18'8")	6550 mm (21'6")	6565 mm (21'6")
loading height	4080 mm (13'5")	4450 mm (14'7")	4450 mm (14'7")
body length	6600 mm (21'8")	7630 mm (25')	7640 mm (25'1")
Turning radius	8.8 m (28'10")	10.3 m (33'10")	10.3 m (33'10")

MOTOR GRADERS



HD1600M-1

1600/1496 HP (1194/1116 kW)/2100 RPM
107,500 kg (236,990 lb)
61.0 m ³ (79.8 cu.yd)
117.7 m ³ (117.7 cu.yd)
176,000 kg (176 U.S. tons)
CUMMINS KTA-3067-C 50.3 ltr (3067 cu.in)
TORQFLOW
Full-automatic control
Air-over hydraulic, oil-cooled, multiple disc
Air-over hydraulic, oil-cooled, multiple disc
Hydropneumatic
36.00-51-50 PR x 2
36.00-51-50 PR x 4
6000 mm (19'8")
5570 mm (18'3") 4380 mm (14'4")
5685 mm (18'8")
11640 mm (38'2")
6600 mm (21'8")
4979 mm (16'4")
7812 mm (25'8")
10.9 m (35'9")