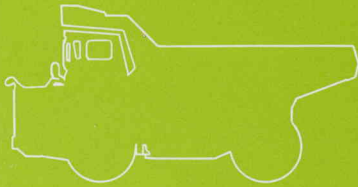
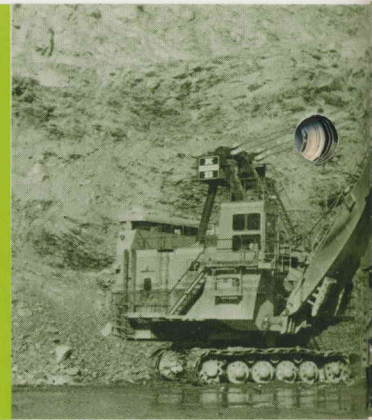


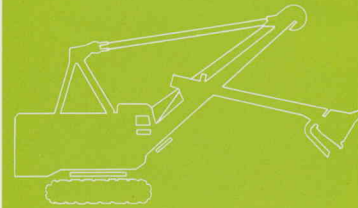
DUMP TRUCKS

ELECTRIC MINING SHOVELS



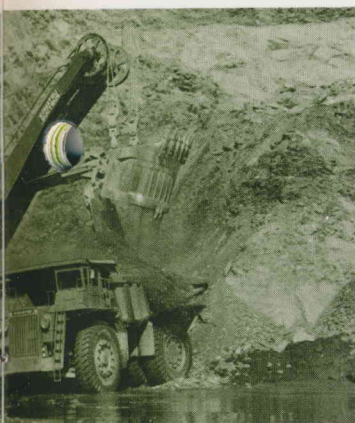
HD1200-1

Gross & Net horsepower	1200 HP & 1160 HP/2100 RPM
Net weight (empty)	84500 kg (186,300 lb)
Capacity struck	46.0 m ³ (60.3 cu.yd)
heaped (30°)	70.0 m ³
max. payload	120000 kg (132 U.S. tons)
Engine: Model Piston displacement	CUMMINS KTA2300 37700 cc (2,300 cu.in)
Transmitting system	Electric drive
Transmission control	
Service brake	
front	Air-over hydraulic, internal expanding, dynamic
rear	Dynamic brake
Suspension	Hydropneumatic
Tires	
front	30.00-51-46 PR x 2
rear	30.00-51-46 PR x 4
Wheelbase	5400 mm (212.6")
Tire treads: front rear	4965 mm (195.5")/ 3945 mm (155.3")
Overall dimensions	
height	4890 mm (192.5")
length	10885 mm (428.5")
width	6300 mm (248.0")
loading height	4450 mm (175.2")
body length	7630 mm (300.4")
turning radius	10.3 m (33.8 ft)



195-B

Operating weight with dipper and ballast (approx.)	330000 kg (727,000 lb)	
Dipper capacity	nominal range	9.9 m ³ (13 cu.yd) 6.1 ~ 13.0 m ³ (8 ~ 17 cu.yd)
Electrical equipment		
drive		Ward Leonard Drive
control		Simplified static (speed regulating)
power		3-phase, 60 Hz, 2400/4160 V or 3-phase, 50 Hz, 3300/6600 V
induction motor (continuous/int.)		600 HP/1500 HP
Working range with nominal dipper boom length		12.65 m (41'6")
boom angle		45°
max. dumping height		8.00 m (26'3")
dumping height at max. radius		5.71 m (18'9")
dumping radius at max. height		14.25 m (46'9")
max. dumping radius		14.78 m (48'6")
max. cutting height		12.72 m (41'9")
max. cutting radius		17.00 m (55'9")
max. digging depth below ground level		2.59 m (8'6")



SLAG DUMP TRUCKS



280-B

449000 kg
(989,800 lb)

11.5 m³ (15 cu.yd)
6.1 ~ 16.8 m³ (8 ~ 22 cu.yd)

Hard leonard drive
Simplified static (speed regulating)

3-phase, 60 Hz, 2400/4160 V or
3-phase, 50 Hz, 3300/6600 V

700 HP/1750 HP

15.24 m (50')

45°

8.30 m (27'3")

6.55 m (21'6")

16.30 m (53'6")

16.54 m (54'3")

13.34 m (43.9")

18.97 m (62'3")

2.59 m (8'6")

	HS100N HS100S*	HS150N HS150S*	HS450S
Type	Crane loading Self-loading*	Crane loading Self-loading*	Self-loading
Flywheel horsepower	210 HP/2100 RPM	210 HP/2100 RPM	280 HP/2100 RPM
Net weight (unloaded)	17540 kg (38,670 lb) 21150 kg (46,630 lb)*	25670 kg (56,590 lb) 31650 kg (69,780 lb)*	39500 kg (87,080 lb)
Max. payload	18000 kg (39,680 lb) 20000 kg (44,090 lb)*	31000 kg (68,340 lb) 35000 kg (77,160 lb)*	45000 kg (99,210 lb)
Slag container capacity	5.5 m ³ (7.2 cu.yd) 5 m ³ (6.5 cu.yd)*	11 m ³ (14.4 cu.yd) 10.3 m ³ (13.5 cu.yd)*	10 m ³ (13.1 cu.yd)
Transmission/travel speeds	Direct drive/F5 ~ R1	TORQFLOW/F1 ~ R1	TORQFLOW/F6 ~ R1
Max. travel speed	40 km/h (24.8 MPH)	30 km/h (18.6 MPH)	45 km/h (27.9 MPH)
Turning radius	9000 mm (354.3 in)	11000 mm (433.1 in)	10000 mm (393.7 in)
Dumping speed	90 sec.	90 sec.	90 sec.
Steering system	Power steering	Power steering	Power steering
Tires:			
front	14.00-24-20 PR x 2	14.00-25-20 PR x 2 14.00-25-24 PR x 2*	16.00-25-24 PR x 2
rear	14.00-24-20 PR x 4	14.00-25-20 PR x 4 14.00-25-24 PR x 4*	16.00-25-24 PR x 4
idle	—	14.00-25-20 PR x 4 14.00-25-24 PR x 4*	16.00-25-24 PR x 4
Overall dimensions			
length	7095 mm (279.3")	8235 mm (324.2") 8590 mm (338.2")*	8800 mm (346.5")
width	3050 mm (120.1") 4265 mm (167.9")*	3600 mm (141.7") 4900 mm (192.9")*	3950 mm (155.5")
height	3200 mm (126.0") 3900 mm (153.5")*	3200 mm (126.0") 4300 mm (169.3")*	4650 mm (183.1")
Tread:			
front	2000 mm (78.7")	2000 mm (78.7")	2540 mm (99.9")
rear	2100 mm (82.7")	2100 mm (82.7")	2030 mm (79.9")
Wheelbase:			
between front and rear wheels	4000 mm (157.5")	4000 mm (157.5")	3750 mm (147.6")
between rear and idle wheels	—	1600 mm (63.0")	1700 mm (66.9")
Ground clearance	385 mm (15.2")	380 mm (15.0")	350 mm (14.0")

Note: Slag container is optional
*Self-loading model