

StopeMaster Series Production Drill

	METRIC SYSTEM	U.S. CUSTOMARY SYSTEM
HYDRAULIC POWERPACK		
High efficiency electric motor	56 kW	75 hp
Tandem piston pump (pressure compensated)		
High pressure oil filter	8 micron	
Return oil filter	9 micron	
Main reservoir	208 litres	55 gallons
Auxiliary reservoir	85 litres	22 gallons
Electric oil transfer system (filtered)		
NEMA 4 electrical panel		
Water booster pump	3.5 kW	5 hp
Oil lubricator (rock drill)	9 litres	2 gallon
Thermostatically controlled oil cooler (water/oil type)	40 kW	54 HP
Electric trailing cable	45 m	150 ft
Filter condition indicator flags		
Fire Suppression System (4 nozzle, manually operated)		
CARRIER		
4 wheel skid steer		
Gradeability- 30%		
4 wheel independent drive and braking (SAHR) system		
Solid rubber tires on steel rims		
Motion control valving for precise control, even over rough terrain		
Quick disconnect brakes for easy towing		
DRILL POSITIONER		
Dump	dual hydraulic cylinders c/w lock valves and mechanical expanding pivot pins	
Traverse	side to side travel (total) 1.5 m	60 in
	adjustable pads to compensate for wear	
	movement via dual opposed telescopic cylinders	
Rotation	dual motor/planetary drive system c/w SAHR braking system	
	heavy duty rotation slew bearing	
Feed Crowd	independent feed crowd 0.74 m	29 in
	hydraulic cylinder driven	

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STABILIZERS		
4 hydraulic cylinders		
Stroke	0.51 m	20 in
Lift	0.25 m	10 in
ROCKDRILL FEED SYSTEM		
9000DA series feed assembly c/w: Dual direct acting in line hydraulic cylinders		
	Heavy duty steel frame	
	Replaceable wear pads	
	Rear stell cylinder	
CONTROLS		
Modular designed components - for ease and speed of repair		
Direct acting feed positioning controls		
Umbilical remote for all drilling functions (24 VDC)		
Pivoting tramming control arm		
LIGHTS		
24vdc sealed beam tramming lights (front and rear)		
Single 500 watt halogen drilling light (tripod mounted)		
ROCKDRILL		
HD155 - see HD155 Hydraulic Rock Drill Tech Data		
OPTIONS		
Traverse widths	0.9 m, 1.2 m, 1.83 m	36 in, 48 in, 72 in
Voltage/frequency to suit location		
Portable fire extinguisher	9 kg	22 lbs
Ground fault monitor sub panel		
Laser hole alignment system		
Umbilical remote feed positioning control		
Onboard hydraulic oil filtering system (filter loop)		
ITH conversion package		

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DIMENSIONS AND WEIGHTS

Overall Weight: 7258 kg (16,000 lb)

Cage Transport (less traverse drill feed)

Length: 4010 mm (158 inches)

Width (wheels manually retracted): 1370 mm (54 inches)

Height: 1800 mm (70 inches)

Weight: 5230 kg (11,500 lb)

Raise Transport - Power Pack (largest module only)

Length: 2570 mm (101 inches)

Width: 1320 mm (52 inches)

Height: 1220 mm (48 inches)

Weight: 2225 kg (4,890 lb)

DRILL STEEL SIZE	A	B	C
0.91 m (3 ft) Rod Change	2971 mm (117 in)	2540 mm (100 in)	2520 mm (99.2 in)
1.22 m (4 ft) Rod Change	3048 mm (120 in)	2843 mm (112 in)	2825 mm (111.2 in)
1.52 m (5 ft) Rod Change	3353 mm (132 in)	3150 mm (124 in)	3129 mm (123.2 in)

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