

MUD DOG® 1600



16 YARD HYDRO EXCAVATOR



2000 gallon water and 16 yard debris capacity

New, Unique Features & Capabilities

Specifically designed for consistent performance in the harshest of environments, the Mud Dog 1600 offers several new, unique features and capabilities that make it ideal for oil field, mining and cold weather applications.

- 2000 gallon capacity water tank set-up
- Water system includes 18 GPM water pump and 714K water heater
- Heated and insulated water return lines
- Rear-mounted boom offers impressive range of motion – capable of 19' to 27' reach; 335° rotation; and 45° upward / 25° downward pivot
- Tilt-ejection unloading provides fast, thorough removal of debris from the collector body as well as ensures all liquids are cleared quickly and efficiently even when unloading in an up-slope/nose down position
- Boom light package enables working in dark environments possible



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MUD DOG® 1600 SPECIFICATIONS

POWER SYSTEM

- Single engine drive
- Smart CANbus control system
- Engine and blower tachometer
- Emergency engine stop switch
- Fuel consumption meter

WATER SYSTEM

- 18 gpm and 3000 psi (68 lpm and 207 bar) water pump, hydraulic drive with variable flow on remote
- Curbside water fill
- Standard water capacity: 2000 gal (7571 L)
- Hose reel capacity: 100' of ½" hose (30.5 m of 12.7 mm)
- Water heater capacity: 714000 btu/hr (209 kw) heater
- Winter recirculation
- Anti-freeze system
- Water PSI gauge
- Air purge system
- Exterior water lines are heated, insulated and covered for extreme winter operation

VACUUM SYSTEM

- 8" (20.3 cm) positive displacement vacuum system offers 5800 cfm/28" hg (9854 m³/hr/0.95 bar)

VACUUM SYSTEM (continued)

- Industrial tapered cyclone externally mounted with large 16" (406 mm) clean-out door
- Vacuum pump hour meter
- Vacuum level gauge
- Pleated final filter assembly

BOOM SYSTEM

- 8' (2.4 m) telescoping boom with 19' to 27' (5.8 m to 8.2 m) reach
- 335° boom rotation with heavy-duty rubber elbow
- Boom pivots 25° down for 8' of extra digging
- Remote greasing system for boom

OPERATOR CONTROLS

- Hand-held wired pendant and wireless remote operates boom functions as well as vent door, stop switch, vacuum level, heater, water pump and dump controls

DEBRIS BODY

- 16 cu yd (12.2 m³) debris body
- Internal body flush-out system
- Ejector unloading system
- 2' body lift for easy cleanout
- 14" float ball

DEBRIS BODY (continued)

- Hydraulic tailgate latches and opens
- Full diameter, full opening flat rear tailgate
- Stainless steel tailgate splash shield

FEATURES

- Aluminum cabinet heated by dual 65000 btu/hr (19 kw) heaters
- Polyurethane coating on lower third of the inside of aluminum passenger side cabinet
- Urethane paint finish
- Stainless rear quarter fenders
- LED lighting package includes front strobe, rear arrow stick, stop, turn signals
- Lighting package includes dual boom lights, exterior cabinet light and boom cradle light
- Aluminum diamond-plate tool box 18" x 18" x 36" (46 cm x 46 cm x 91 cm)

OPTIONAL EQUIPMENT

- Acculevel® Load Sensor System
- Sludge pump rated at 500 gpm (1893 lpm) mounted on rear door
- Liquid transfer pump rated at 300 gpm (1136 lpm) mounted on side
- Dual tire chain racks; one per side
- Safety cone rack



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