

M150D

CLEANING SYSTEM



FEATURES & BENEFITS

QUICK SETUP & TEARDOWN

Hydraulic leveling jacks and a compact design significantly speed up setup and teardown, allowing you to be up and running (or down and moving) in minutes.

FLUID TRANSPORTATION

The 1,000-gallon tank's high volume capacity allows operators to haul fluid to and from the jobsite, reducing the need to fill/drain the system to move the unit. This is particularly helpful when crews have limited work hours on the site.

EXCLUSIVE 3-PANEL DERRICK® HYPERPOOL® SHAKER

Powered by industry-leading technology, this 3-panel shaker uses advanced vibration and panel design to increase screening efficiency and offer superior solids separation for cleaner fluid, lower disposal costs, and improved drilling performance.

HYDRAULIC PIT PUMP

The 150-GPM hydraulic pit pump lets you adjust the flow rate to match real-time drilling conditions, improving productivity and reducing equipment wear and tear.

TANK AGITATION

With fluid jets for the dirty tank and mechanical agitation for the clean tank, the M150D improves drilling consistency and control and reduces cleanout time by ensuring solids stay in suspension and pass through the separation systems.

FITS ON UTILITY JOBSITE

The M150D is designed with a compact build perfect for the constrained nature of Utility HDD sites.

**AMERICAN
AUGERS®**

M150D SPECIFICATIONS

POWER TRAIN	U.S.	METRIC
Generator set	Kohler® Diesel Engine	
Emissions compliance	T4F	SV EU
Fuel capacity	50 gal	189.3 L

MUD PUMPING SYSTEM

CONE PUMP

Motor	15 hp, 3 phase, 480v	45 kW
Pump, centrifugal	Self-priming pump	
Inlet size	4 in	101.6 mm
Outlet size	4 in	101.6 mm
Impeller size	9.5 in	241.3 mm

AGITATE PUMP

Motor	3 hp, 3 phase, 480v	45 kW
Pump, centrifugal	Self-priming pump	
Inlet size	2 in	50.8 mm
Outlet size	1.5 in	38.1 mm
Impeller size	9.5 in	241.3 mm

OFFLOAD/MIX PUMP

Motor	7.5 hp, 3 phase, 480v	45 kW
Pump, centrifugal	Self-priming pump	
Inlet size	2 in	50.8 mm
Outlet size	2 in	50.8 mm
Impeller size	9.5 in	241.3 mm

TANK AGITATION

Fluid jets	Yes	
First cut tank, jets	Yes	
Clean/mix tank, mechanical agitator	Yes	

CLEANING SHAKER SYSTEM

Linear motion shaker, make	Derrick®	
Linear motion shaker, model	Hyperpool®	
Linear motion shaker, quantity	1	
Non-blanketed screen size	15.4 sq ft	1.4 sq m
1st cut shaker cleaning capacity, max.	150 gpm	567.8 L/min
Screen panels, quantity	3	

TANKS

Tank capacity, max	1,000	3785 L
Screen tank	600 gal	2271 L
Clean fluid / mixing tank	400 gal	1515 L

DIMENSIONS

Length w/ trailer	24.2 ft	7.4 m
Height w/ trailer	11.6 ft	3.5 m
Width w/ trailer	8.6 ft	2.6 m
Total weight w/ trailer	26,000 lb	11793 kg

Specifications are general and subject to change without notice.

If exact measurements are required, equipment should be weighed and measured. Due to selected options, delivered equipment may not necessarily match that shown.

