

M500PDH

CLEANING SYSTEM



FEATURES & BENEFITS

STATELINE GENERATOR

The M500PDH is powered by a 185 kW Teir 4F onboard genset to power the cleaning functions as well as the off board operators station

DERRICK® HYPERPOOL SHAKER

Equipped with two Derrick Hyperpool Shakers, the M500PDH screen compression system's new design keeps panels tight against the bedding and restricts solids from falling into the clean fluid—keeping changes simple and fast.

ALL-IN-ONE

The only American Augers cleaning system fitted with an onboard mud pump, the M500PDH is your all-in-one cleaning solution.

SELF-CONTAINED FLUID SYSTEM

Built with three dedicated centrifugal pumps to ensure flow and pressure to each function, the onboard mud pump features a 600 gpm flow and max pressure of 1,505 psi. Mechanical in-tank paddle agitation improves circulation and decreases tank wear while providing you with maximum power.

EASIER OPERATION

Wired to power your offboard operator cabins, dual control panels on each end of the machine allow for easier operation, keeping your jobsite running efficiently.

M500PDH

SPECIFICATIONS

POWER TRAIN	U.S.	METRIC
Generator set	On Board	
Emissions compliance	Tier 4 Final	
Fuel capacity	300 gal	1135 L

MUD PUMPING SYSTEM

Cone / desifting pump		
Motor	40 hp, 3 phase, 480v	30 kW
Pump, centrifugal	250 series with mechanical seal	
Inlet size	6 in	152.4 mm
Outlet size	5 in	127 mm
Impeller size	10.5 in	266.7 mm
Agitate / mix pump		
Pump, centrifugal	250 series with mechanical seal	
Inlet size	6 in	152.4 mm
Outlet size	5 in	127 mm
Impeller size	10.5 in	266.7 mm
Bentonite mixer		
Type and make	Polyethylene dry bentonite mix hopper	
Style	Venturi	

CLEANING SHAKER SYSTEM

Linear motion shaker, make	Derrick®	
Linear motion shaker, model	Hyperpool®	
Linear motion shaker, quantity	2	
Non-blanketed screen size	30.8 sq ft	2.8 sq m
1st cut shaker cleaning capacity, max	500 gpm	1893 L/min
Screen panels, quantity	4	

TANKS

Tank agitation system		
Mechanical agitator, quantity	2	
Mechanical agitator, hp	5 hp	3.73 kW
Canted blade impeller, qty	2	
Tank capacity, max	6,600 gal	24983 L
Screen tank	3,000 gal	11356 L
Clean fluid / mixing tank	3,600 gal	13627 L

DIMENSIONS

Length, max	53 ft	16.2 m
Height, max	13.1 ft	4 m
Width, max	8.6 ft	2.59 m
Weight	75,000 lb	34019 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.

