



**FEATURES**



**MINIMAL FOOTPRINT**

The MFS 1500 features a compact, modular design that integrates seamlessly with a variety of directional drills and mud pumps. Its mobility and space-saving structure allow it to be positioned precisely where and when it's needed, enhancing flexibility and efficiency on the jobsite.



**HIGH EFFICIENCY SEPARATION**

The multi-stage filtration system utilizes elliptical motion scalping shakers to remove large cuttings, followed by four 4-inch desilter hydrocyclones achieving excellent solids recovery down to 24 microns.

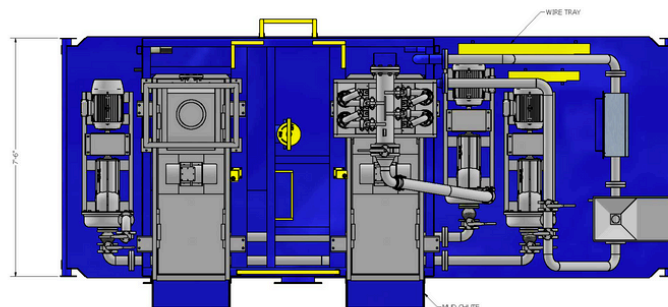
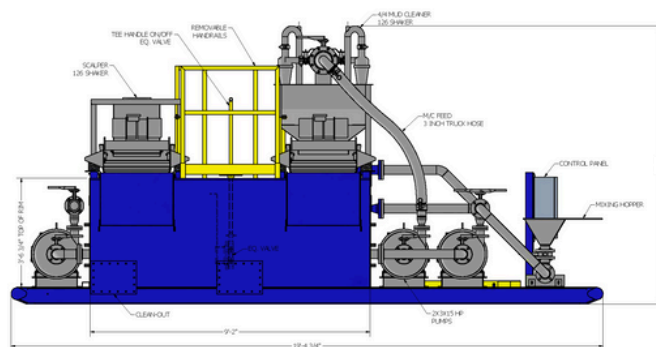
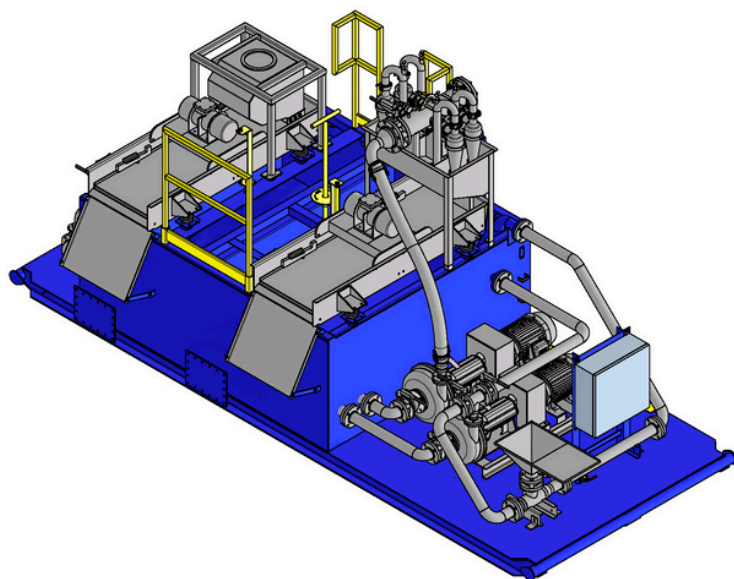


**OPTIMIZED MUD MIXING**

3-inch Mud Mixing Hopper with Venturi Jet provides quick and uniform incorporation of drilling additives into the mud stream — ensuring stable and consistent fluid properties throughout the drilling process.

**200 GPM MUD FILTRATION SYSTEM**  
**24-MICRON PARTICLE SEPARATION CAPABILITY**

# MFS 1500



## EQUIPMENT

<b>SHAKERS</b>	<b>2</b>	TFI 126E Elliptical Motion Shakers 2 Screens Per Shaker Shaker Bed Area 12 ft <sup>2</sup> (1.1 m <sup>2</sup> ) Screen Size 25.13" x 36.88"
<b>DESILTERS</b>	<b>4</b>	4 in. (10.2 cm) Hydrocyclones
<b>PUMPS</b>	<b>2</b>	2x3 250 Series Centrifugal Pumps with 15HP Electric Motors
	<b>1</b>	2x3 250 Series Centrifugal Pumps with 20HP Electric Motors
<b>MUD GUNS</b>	<b>1</b>	Stationary Mud Gun
<b>HOPPER</b>	<b>1</b>	TFI 3 in. Mud Hopper with Venturi Jet

## WEIGHT AND DIMENSIONS

<b>WEIGHT</b>	12000 lbs. (5443 kg)
<b>LENGTH</b>	19 ft. 4¾ in. (5.8 m)
<b>WIDTH</b>	7 ft. 6 in. (2.3 m)
<b>HEIGHT</b>	9 ft. 4 in. (2.8 m)

## TANK CAPACITIES

<b>MAX CAPACITY</b>	1511 gal (5.72 kL)
<b># OF TANKS</b>	2
<b>SCALPER TANK</b>	657 gal (2.49 kL)
<b>DESILTER TANK</b>	854 gal (3.23 kL)

## GENERAL SPECIFICATIONS

<b>INLET SIZE</b>	3 in. (7.62 cm)
<b>OUTLET SIZE</b>	3 in. (7.62 cm)
<b>CONTROL PANEL</b>	Centralized Weatherproof NEMA 4x Control Panel
<b>POWER REQUIREMENTS</b>	67 AMPS
<b>CORROSION CONTROL</b>	Chemical/Abrasion Resistant Mastic Tank Lining
<b>FRAME TYPE</b>	Skidded

## OPTIONAL ADD-ONS

<b>PIT PUMP</b>	TFI 3 in. Semi-Submersible
<b>GENERATOR</b>	75 kW 460v/60Hz
<b>TRAILER</b>	Gooseneck/Pintle/Integrated
<b>WIRED REMOTE</b>	Pit Pump/Charge Pump
<b>WINTERIZATION</b>	Tank Heaters, Pipe Insulation +
<b>BRANDING</b>	Custom Colors and Logos
<b>ELECTRICAL</b>	XP Package

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