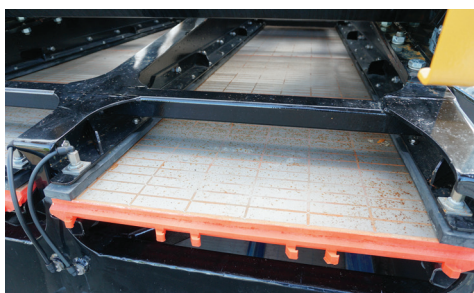


MR2000

MIXER AND RECLAIMER



SMALL FOOTPRINT, BIG PERFORMANCE. The MR2000 combines both a mixing and reclaiming system, all with a narrow footprint. This compact machine is capable of processing up to 2,000 L/min of drilling fluid, while transporting just one machine to effectively perform two critical functions on a horizontal directional drilling jobsite.



QUICK-CHANGE SCREENS. The primary screens are kept in place with an air clamping system, powered by an onboard air compressor. This allows for ease of access and the ability to quickly change screens.



CLEANING EXCELLENCE. Premium cleaning performance is achieved through two 10 inch desander hydrocyclones, plus twelve 4 inch long-body hydrocyclones in combination with a large screen area.



MIXING PERFORMANCE. The mixing system is equipped with a powerful vacuum suction system to work efficiently with big bags. A venturi plus a heavy-duty 4 kW, 600-rpm agitator located in the active tank allows for optimum mixing.



SMART TRANSPORT, LINEAR JOBSITE. To minimize transport dimensions, the shaker module ships inside the tank. During setup, thanks to a self-erecting hydraulic system, the module can be lifted out and installed on top of the container ready to work. The unit's in-line architecture, with a blind side wall, makes it ideal for linear jobsites alongside roads.



DEPENDABILITY. The industry-leading Mission Magnachrome processing pumps are some of the high quality, wear-resistant components that maximize durability and life of the equipment.

MR2000 MIXER AND RECLAIMER

TRANSPORT WEIGHTS AND DIMENSIONS

Weight (complete transport, empty): 17.300 kg

Length (including hook and rollers): 740 cm

Width: 250 cm

Height: 274 cm

OPERATIONAL DIMENSIONS

Length: 821 cm

Width: 424 cm

Height: 494 cm

FLUID CAPACITIES

Total tank capacity: 26 m³

Mix/active volume: 18 m³

CLEANING SYSTEM

Rated processing capacity: 2.000 L/min

Rated solid separation capacity: Up to 60 t/hr

Shaker: One double-deck linear shaker

Scalper deck (polyurethane screens): 0,81 m²

Scalper deck (stainless steel wedge wire screens): 2,43 m²

Primary deck (mesh wire screens): 3,6 m²

Desander: Two 10 in Krebs hydrocyclones

Desilter: Twelve long-body 4 in Krebs hydrocyclones

PUMPS

Desander pump: 37-kW Mission Magnachrome mechanical seal

Desilter pump: 37-kW Mission Magnachrome mechanical seal

Mix/pre-pressure pump: 37-kW Mission Hi-Iron mechanical seal

POWER

Power connection: 400 A powerlock connections

Minimum recommended genset: 250 kVA, 400 V and 50 Hz

FEATURES

Grounding lug: Standard

Phase sequence under- and over-voltage protection: Standard

Motor protection switches: Standard

4 in and 6 in cardan steel couplings: Standard

Pneumatic deck angle adjustment: Standard

Vacuum mixing system: Standard

Connection for pit pump: Standard

Integrated strainers: Standard

Stainless steel electrical cabinet: Standard

IP68 spray watertight LED work lights: Optional

Auxiliary power hub with 380 V and 230-V plugs: Optional

Wireless remote control transfer valve: Optional

Adjustable hook-arm container loader: Optional

7.5-kW submersible pump: Optional

Cable and hoses package: Optional

