



**EFFICIENT OPERATION.** The pneumatic screen-clamping system, together with pneumatic valves, convenient controls and automatic shutoff of water intake and pit pump, help minimize the required amount of labor.



**DURABILITY.** The use of components like the industry-leading Mission Magnum Magnachrome circulation pump uses high-quality wear resistant components to maximize the durability and life of the equipment.



**CLEANING EXCELLENCE.** High cleaning performance is achieved through 12, 4 in Krebs hydrocyclones with a long body in combination with a relatively large screen area.



**MIXING PERFORMANCE.** The mixing system is equipped with a powerful vacuum hose including a purpose-built nozzle, to work efficiently with big bags. A heavy-duty 2.2 kW agitator allows for optimum mixing.



**COMPACT SIZE/EFFICIENT TRANSPORT.** Based on 20 ft ISO container dimensions, transport dimensions are minimized. The shaker module ships inside the tank. During setup, the module can be lifted out and installed by turning it one-quarter of a turn.



**HOOK LIFT SYSTEM.** The MR1000 reclaimer is available with a height-adjustable hook lift system with low- or high-profile rollers to fit local transport requirements.



## MR1000 MIXER AND RECLAIMER

### TRANSPORT WEIGHTS AND DIMENSIONS

Weight (complete transport, empty): 11.700 kg Weight (shaker module): 2.900 kg Length (including hook and rollers): 6.5 m Width: 2.5 m Height: 2.7 m

#### **OPERATIONAL DIMENSIONS**

Length: 6.8 m Width: 4.0 m Height: 4.9 m

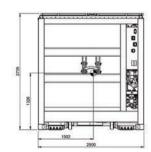
#### **FLUID CAPACITIES**

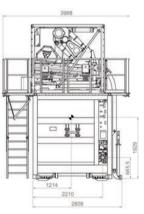
Total tank capacity: 23 m<sup>3</sup> Mix/active volume: 18 m<sup>3</sup>

#### **CLEANING SYSTEM**

Rated processing capacity: 1.000 L/min Rated solid separation capacity: Up to 30 t/hr Shaker: One double-deck linear shaker Scalper deck (polyurethane screens): 2.16 m<sup>2</sup> Primary deck (mesh wire screens): 2.2 m<sup>2</sup> Desilter: 12, 4 in Krebs long body hydrocyclones

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PUMPS

**POWER** 

**FEATURES** 

Grounding lug: Standard

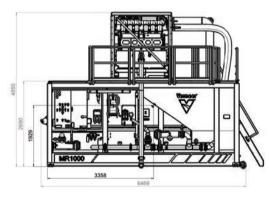
Motor protection switches: Standard

Vacuum mixing system: Standard

Connection for pit pump: Standard Integrated strainers: Standard

5.5 kW submersible pump: Optional

Cable and hoses package: Optional



**Circulation pump:** 37 kW Mission Magnachrome mechanical seal

Mix/transfer pump: 22 kW Mission Magnum mechanical seal

Phase sequence under- and over-voltage protection: Standard

Power connection: 400 amp Powerlock connections

4 in - 6 in Perrot/Kardan style connections: Standard

Pneumatic deck angle adjustment: Standard

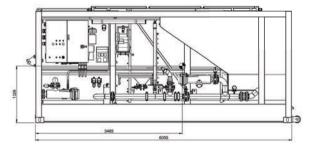
Stainless steel electrical cabinet: Standard

IP68 spray water tight LED work lights: Optional

Wireless remote control transfer valve: Optional Adjustable hook-arm container loader: Optional

230 V and 380 V auxiliary power hub with plugs: Optional

Recommended genset: 150 kVA, 400 V, 50 Hz



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