

Tulsa Rig Iron MCS-330

Proudly Made in the USA



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MCS-330 Bentonite Mixing & Recycling System

Designed For Use In All Drilling Applications

- 150-240 GPM Normal Cleaning Volume
- 320 GPM Max Cleaning Volume

Recycling Allows

- Reduced Bentonite, Polymer, and Water Usage
- Lower Disposal Costs
- Drilling in Environmentally Sensitive Areas
- Use with Downhole Mud Motors

Standard Equipment

- Normal rated cleaning capacity- 240 GPM (cleaning capacity is dependent on solids concentration and fluid viscosity)
- Maximum cleaning capacity- 320 GPM
- Approx 17,000 lbs
- L-23' x W-8'5" x H-11'
- Tank capacity 2,200 gallons (front dirty tank-983 gal, rear clean tank- 1,122 gal), designed for continuous fluid recirculation
- Four 5" desilting hydrocyclones
- One 3 panel linear motion shaker (25.29 sq ft total screen area) Optional adjustable while drilling shaker deck angle feature available
- High shear, low pressure mixing hopper
- High shear mud gun agitation
- 10" x 14" cleanout doors that are inset into the tank to avoid accidental snagging
- Safe, easy to climb bolt-in staircase with handrails allow for removal to access under deck components. Also features a pull out step to access the lower deck and staircase easily from the ground level
- 72/80 KW generator, Tier 4 emissions, mounted on low center of gravity point for safe weight stabilization
- 3" x 4" centrifugal mix pump
- 3" x 4" centrifugal cone feed pump
- 3" x 4" centrifugal charge pump
- Open lower deck for ease of pump and motor servicing. Rubber boot joints are standard to allow for ease of pump and flange alignment
- 1-1/8" floor grating on tank decks for ease of tank level monitoring and less slippery/higher traction purposes
- 4 corner stabilizing jacks
- Our systems include a submersible pit pump as standard offering
- Two 110 Volt electrical outlets
- Robust, purpose built integrated trailer design for extreme durability. Pintle hitch with electric brakes standard
- Heavy gauge steel tanks and components for long life and durability
- 2" square tube railing on perimeter
- High visibility, low power draw LED work lights
- Rear spoils discharge for narrow work areas such as city streets.
- Tanks coated inside and out to minimize corrosion

Quality with simplicity in design is what has set Tulsa Rig Iron apart for over 35 years!