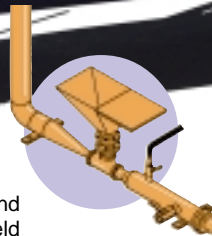


## Drilling Fluid Cleaning System



Photo may show optional equipment



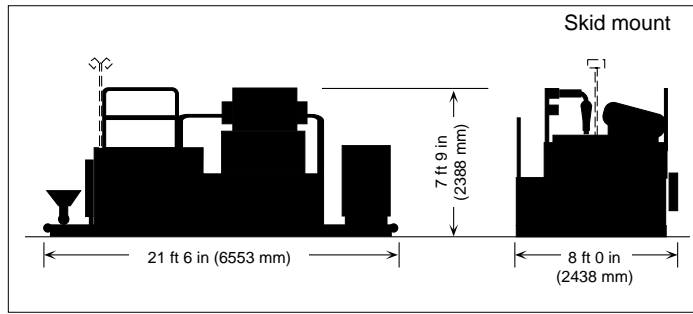
New mixer reduces clogging and gives higher bentonite yield

## Bigger Tanks, New Mixing System. Use With Any Brand Of Drill

- MANUFACTURED BY the world's most experienced builder of large directional drills
- RECLAIMS BENTONITE to minimize use
- MIX, CLEAN AND TRANSFER at the same time
- REDUCES VOLUME AND COST of off-site disposal. Dispose of solids in landfill
- LARGE TANKS—660 U.S. gallon screen (dirty) tank, 1380 U.S. gallon clean fluid/mixing tank
- SIX KVA OF AUXILIARY POWER with 2 duplex outlets with GFI
- COMPACT SIZE for easier transportation, smaller jobsite foot print
- PROCESSES UP TO 250 U.S. GAL/ MINUTE\*
- ON BOARD 40 kW GENERATOR SET to power screen shaker, pump motors and lights
- TANDEM LINEAR SCREEN, electric motor driven, is more efficient and requires less maintenance than orbital type
- MUD JET AGITATION SYSTEM
- CENTRIFUGAL circulating pump
- THREE 5-INCH DESILTER CONES with individual shut off valves
- OPTIONAL TRASH PUMP, electric driven
- FACTORY DIRECT SERVICE for fast support by knowledgeable technicians
- SKID MOUNT fits in standard ISO shipping container, trailer optional

\*Based on 60-second mud returning with 30% solids by volume, cleaned to 3% solids at 25 micron size or less

# MCM-2000 Drilling Fluid Cleaning System



## Fluid Handling System

Rated Capacity	Up to 250 gpm (945 L/min)
Circulating Pump	Centrifugal, electric driven, 3x4 15 hp (11.2 kW)
Desilting	Five inch cones (3 units) with manifolds and valves, fed by 2x3x10HP (7.46 kW) centrifugal cone supply
Mud agitation	Three jets
Bentonite mixer	Dry bentonite mix hopper and mixing system shears bentonite four times for maximum yield. Coated butterfly valve reduces clogging.



## Electrical

Generator	480 volt 3 phase - 40 kW intermittent, 36 kW continuous
Auxiliary electrical	120/208 volt A.C. 6 kva 2 x duplex outlets with Ground Fault Interrupter 2 x 500 watt quartz work lights



## Engine

Engine	Caterpillar® diesel 4 cylinder naturally aspirated
Rating	60 HP (44.6 kW) continuous duty
Fuel capacity	42 U.S. gallons (160 L)



## Tanks

Screen (dirty) tank	660 U.S. gallons (2500 L)
Clean fluid/mixing tank	1,380 U.S. gallons (5220 L) With cleanout covers. Epoxy coated interiors.



## Screen

Tandem linear motion shaker (48 x 60 inch, 1219 x 1524 mm) driven by electric motor, fold-down discharge chute for cuttings. Various screen mesh sizes available.



## Protective Equipment

Work lights are standard. Electric motors are equipped with motor starters with overload relays. Machine has an emergency shut down switch. Supplied with electric grounding stake and cable. Safety railings around elevated work surfaces.



## Options

Trash pump	Electric driven with circuit protection, with 100 ft (30.5 m) of 3 inch discharge hose with cam-lock fittings
Wash down system	110 gallon (415 L) poly tank, 1500 psi electric driven pressure pump, 100' (30.5 m) hose, hose reel
Trailers	Tandem dual axle tag trailer

Trailer mount (optional)

