

ESPECIFICACIONES M-500PD

TREN DE POTENCIA	
Motor	Caterpillar C-13 Tier III Diesel Engine/MTU 6R1300 T4F
Rating	Tier III 475 hp (354 kW)/ T4f 482 hp (359 kw)
CONTROLES OPERACION	
Remote Controls: Mud Pump Throttle, Mud Pump Start/Stop, Clutch Actuator, Horn	
Remote Instruments: Digital Mud Flow Meter (gallons per minute/liters per minute)	
Murphy PV380 Multifunction Display	
BOMBAS DE LODO	
Main Pump: Triplex, piston and liner construction, pressure feed lube system	
Bore x Stroke: 6 in. x 6 in. (152.4 mm x 152.4 mm)	
Maximum Flow: 600 U.S. GPM (2,271 LPM)	
Maximum Pressure: 1505 PSI (104 bar)	
Pump Motor: (1) 40 HP (30 kW), 3 phase, 480V for Mixing/Agitation	
Pump Motor: (1) 40 HP (30 kW), 3 phase, 480V for Cone Supply	
Pump Motor: (1) 25 HP (18.6 kW), 3 phase, 480V for Supercharging the Triplex Pump	
Bentonite Mixer: Polyethylene Constructed Dry Bentonite Mix Hopper	
Other Features: Pulsation Dampener on the discharge	
6 GPM (6.1 LPM) liner wash system with supply tank	
Discharge Hoses: (4) 3 in. x 25 ft. (76.2 mm x 7.6 m)	

SISTEMA DE LIMPIEZA	
Derrick ® FLC-504TM Linear Motion Shaker (2)	(1) 1st cut 3 panel with 28.89 ft ² (2.68 m ²) non-blanked screen area with PMD+ screens
	(1) 2nd cut 3 panel with 28.89 ft ² (2.68 m ²) non-blanked screen area with PMD+ screens
Shaker Screens Included	(3) 50 mesh PMD+ (pyramid plus)
	(3) 170 mesh PMD+ (pyramid plus)
1st Cut Shaker Cleaning Capacity	up to 500 U.S. GPM (1,893 LPM)
Desilting Cones	(10) 5 in. (127 mm) desilter hydrocyclones, manifold mounted
Desilting Capacity	Desilting Capacity: up to 800 U.S. GPM (3,028 LPM)
Shaker washdown system; Mud sampling valve; Fold-down discharge chutes	

TANQUES	
Total Tank Capacity	6,600 U.S. gallons (24,983 L)
Screen Tank	3,000 U.S. gallons (11,356 L)
Cleaning Fluid/Mixing Tank	3,600 U.S. gallons (13,627 L)

SEGURIDAD
• Protective Equipment • Anti-Slip Walkways with Hand Rails • Stairways and Ladder with Anti-Slip Treads • Emergency Shutdown Switch on Operator Control Panel • Electrical Grounding Stake with Cable • (5) DC LED Work Lights • * Quiet-Pak is a registered trademark of American Augers, Inc.

DIMENSIONES (Puede variar dependiendo de la configuración)	
Maximum Length: 53 ft. (16.2 m)	
Maximum Height: 13 ft. 1 in. (4 m)	
Maximum Width: 8 ft. 2 in. (2.5 m)	
Rock-over design on tri-axle suspension	
Kingpin: 2 in. (50.8 mm) diameter	
Hydraulically-operated lift jacks raise the front to 52 in (1,320 mm) clearance at the kingpin	

PESOS (Puede variar dependiendo de la configuración)	
Total Weight	75,000 lbs. (34,019 kg) - est.