MCL 24C AUGER BORING MACHINE
BY MCLAUGHLIN BORING SYSTEMS

**DOG PLATE.**
Fully hydraulic dog plate with integral dog pin indicators to provide accurate dog pin position.

**OPERATOR CONSOLE.**
Clear and simple console allows all functions from operator’s platform. Integral hydraulic manifold reduces plumbing and increases functionality. Vandal shield protects console when not in use.

**HYDRAULIC TRACK BREAK.**
Keeps machine in position while moving dog plate.

**SINGLE PIN HOLD DOWNS.**
Pin in up position to remove and pin in down position to bore. Hold downs always stay with the machine.

**FUEL TANK.**
Plastic fuel tank with integral fuel gauge.

**REDESIGNED TRACK.**
Track has integral cross member at push plate. It also has thick side plates with center rib to aid in pulling augers.

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**BORING RANGE**
4" - 24" (10.2 - 61 cm) Cased Bore

**ENGINE**
Type: Caterpillar, 3 Cylinder Diesel, Water Cooled, 24.6 hp (18.4 kW) @ 2800 RPM
Transmission: 3 Forward Speeds, Reverse
Thrust: 98,000 lbs (49 tons) @ 2,500 psi (172 bar), Hydraulic Pressure Max
Torque: 6,339 ft.*lbs (8,595.7 Nm) Max Torque in 1st Gear

**DOG PLATE**
Hydraulically Activated From Control Station

**HYDRAULIC SYSTEM**
Dual Gear Pumps, Max Pressure: 2,500 psi (172 bar); Max Flow: 12.2 gpm (16 lpm)

**CLUTCH**
OPC Hydraulic Clutch with Operator Presence Control (Pat. #4,976,321)
Final Drive: Differential Planetary, 2.25" (5.7 cm) Hex

**DIMENSIONS**
Overall: H x 53" (137 cm) W x 42" (107 cm) L x 86" (224 cm)
Centerline: 17.25" (44 cm)
Track: H x 9" (23 cm) W x 38" (97 cm) L x 120" (305 cm); Weight: 720 lbs (327 kg)
Carriage: 2,700 lbs (1,225 kg)

**HYDRAULIC FILTRATION**
Spin-On Return Filter (10 micron)

**FUEL TANK**
5.0 gal (19 L) with Fuel Level Gauge

**DRIVE CHUCK SPEEDS @ 2,800 RPM**
3rd Gear 64 rpm
2nd Gear 34 rpm
1st Gear 20 rpm
Reverse 14 rpm

**MAX CHUCK TORQUE @ 2,000 ENGINE RPM**
2,156 ft.*lbs (2,923 Nm)
4,010 ft.*lbs (5,437 Nm)
6,339 ft.*lbs (8,595 Nm)
8,085 ft.*lbs (10,962 Nm)
Torque Values: On page with note to tighten track bolts to 266 ft.*lbs. (360 Nm)

**OPTIONS AVAILABLE**
Control Mole® Water Level Steering Kits for Grade Bores

Specifications subject to change without notice.