

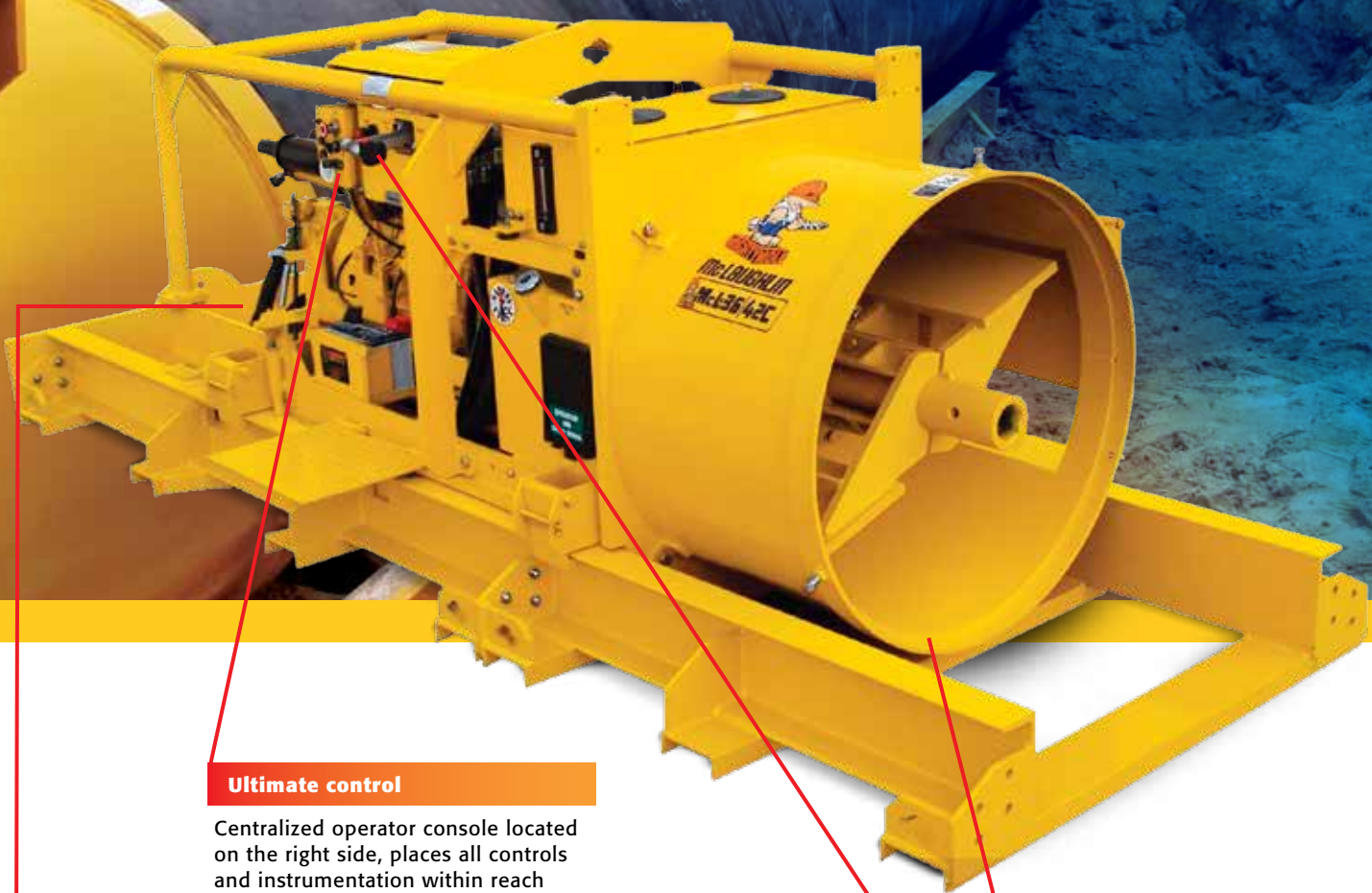
McL-36/42C Auger Boring Machine

McLAUGHLIN®

Providing Solutions Since 1921

CASED AUGER BORING 12"– 42"

The McLaughlin McL-36/42C auger boring machine is designed to handle the toughest jobs and is equipped with a heavy-duty gearbox and OPC hydraulic clutch for increased productivity and safety.



Ultimate control

Centralized operator console located on the right side, places all controls and instrumentation within reach of the operator, and reduces risk of machine rollovers.

Primed for performance

Three hydraulic rams with extended stroke and 400,000 pounds of thrust work to increase drilling time and crew productivity.

High-torque safety

The low machine profile and a patented Operator Presence Control (OPC) clutch greatly reduce the risk of rollover, which is critical for high-torque auger machines.

Optimum durability

Exclusive gear box cooling system features larger differential planetary gear box and forced air cooling system extends the gear box life.

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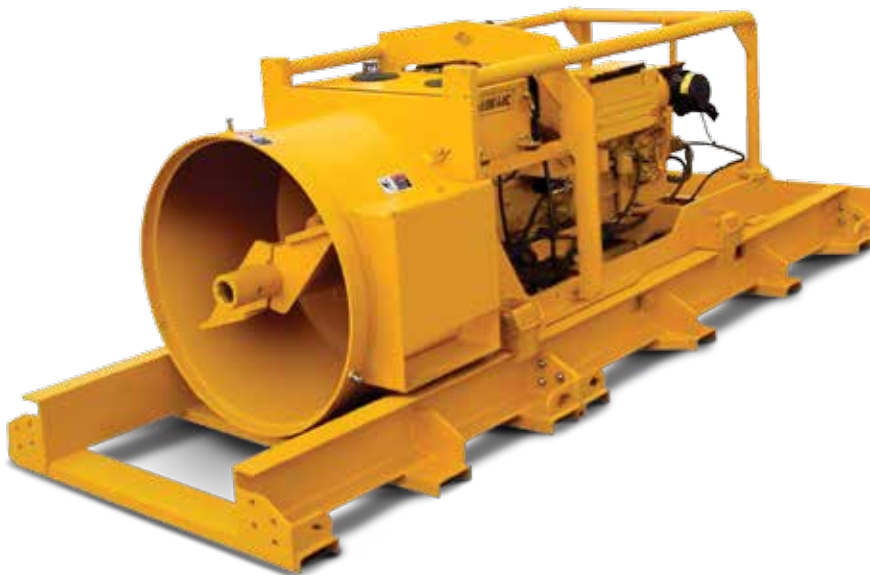
With 400,000 pounds of thrust, the McLaughlin McL-36/42C auger boring machine is big on power for superior field performance and longevity.

Specifications	
Boring range	12" to 42" (30.5 cm to 106.7 cm)
Engine	75 hp ISO max (55.9 kW) turbocharged, air-cooled Deutz diesel engine with 12 V electric start
Transmission	4 forward speeds, 1 reverse with Operator Presence Control (OPC) hydraulic clutch
Auger drive	3" (7.6 cm) hex
Auger torque	47,000 ft/lb (63,723.4 Nm) in first gear
Forward thrust	400,000 lb (1779.3 kN) @ 3500 psi (241.3 bar)
Dog plate	Hydraulically actuated
Bore centerline	26.25" (66.7 cm)
Carriage dimensions	62" W x 117.25" L x 54.75" H (157.5 cm x 297.8 cm x 139.1 cm)
Carriage weight	With 36" (91.4 cm) master pusher: 7400 lb (3356.6 Kg) With 42" (106.7 cm) master pusher: 7500 lb (3401.9 Kg)

Features



- Larger heavy-duty differential gear box extends powertrain life.
- Centrally located console keeps all controls within easy reach of operator.
- Features an integrated toolbox for storage.
- Forced air cooling oil system extends life of gearbox.
- Patented Operator Presence Control (OPC) clutch reduces spinback and lowers risk of machine rollovers.
- Hydraulic dog plate positively locks carriage in position on track and is released by control lever on console.
- 42" stroke cylinders provide greater mobility of the machine during drilling.



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