

MCL 225 WORK HORSE BY MCLAUGHLIN BORING SYSTEMS



SAFETY.

Low centerline, wide stance, automatic hold downs and a true hydraulic clutch. All these features added together, along with remote operation, provide the highest level of safety available.



2 X 4 CYLINDER SPEED.

Thrust cylinders are optimized to provide quick, low thrust movement of the machine, when you need it but to transition into high thrust mode when the hardest pushes are encountered. All cylinder retractions are done in the high speed 2 cylinder mode.



REMOTE CONTROL.

All machine functions are accessible through the wireless remote control. This allows the operator to be in the optimal position when boring or installing casing and augers. It also allows the operator to be out of the pit while boring.



POWERTRAIN.

Powerful 218 hp, tier 4 final, diesel engine with a constant torque level through most of the engine rpm range. Quiet, completely enclosed and low profile power unit makes a compact unit to fit inside shoring and trench boxes. A hydraulic clutch, 6 speed transmission and a dual reduction gearbox provide torque for increased bore length.



RABBIT TRAVEL.

Provides quick movement of the boring machine. Utilizing 40,000 lbs of push / pull power to pull augers and reduce machine set up time.



5" HEX.

Chuck, augers and heads are all available to work with 5" hex. Also adapter provide available to match up to existing stock augers from other size machines.

BORING RANGE

16" (41 cm) to 72" (183 cm)

ENGINE

Type: Volvo, Tier IV Diesel Engine, 5.1 L, Turbo Charged, 214 hp (160 kW) @ 2300 rpm

Transmission: Eaton FS6305A - 6 speed

Thrust: 1,200,000 lbs (535 tons)

Torque: 126,000 ft*lbs (170,833 Nm)

GEAR BOX

26:1 Reduction

HYDRAULIC SYSTEM

50 gpm (189 lpm) max and 5,000 psi (344 bar)

CLUTCH

True Hydraulic, Multi-disc Clutch with .1 sec Disengagement

DIMENSIONS

Overall: 7'-6" (2.3m) W X 12' (3.7m) L X 5'-11" (1.8m) H

Centerline: 33" (83 cm)

Master Track: 90" (228 cm) W X 18" (46 cm) H X 123" (312 cm) L - 6,670 lbs (3025 kg)

Extension Track: 90" (228 cm) W X 18" (46 cm) H X 120" (305 cm) L - 5,170 lbs (2345 kg)

Jacking Station: 12,500 lbs (5670 kg) w/ Dog Plate

Carriage: 13,000 lbs (5996 kg) w/ Casing Pusher

CHUCK HEX

5" (12.7 cm)

RABBIT TRAVEL

Weight: 42,000 lbs (18.75 tons)

Specifications subject to change without notice.

NOTES

Multiple horizontal lines for notes.



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