RETRACTABLE HYDRAULIC VICES.
The fully hydraulic vices provide fast and reliable rod assembly and disassembly with ease of operation. Retractable vice assembly provides docking for drill head assembly and back reamers.

OPERATOR STATION.
Fully hydraulic operator controls are simple and reliable for thrust, pullback and vice operation. Remote throttle and emergency stop as well as water controls are conveniently placed on the operator control station.

COMPACT FOOTPRINT.
The MCL 10H fits into a tight footprint with both a 7’ (214 cm) and a 5’ (153 cm) model.

PERFECT FOR RESTRICTED UTILITIES.
The MCL 10H is an ideal drill for installing water and gas services for projects with set-back restrictions. With the MCL 10H the bore is started at a desired depth and the drill can be set at a grade to start the bore on target.
**MAXIMUM PRESSURE**
2,500 psi (170 bar)

**MAXIMUM FLOW**
25 gpm (95 L/min)

**SPINDLE SPEED & TORQUE**
0-125 rpm
1,030 ft. lbs (1,392 Nm) @ 2,500 psi (170 bar)

**FORWARD THRUST**
17,670 lbs (7,980 kg) @ 2,500 psi (170 bar)

**PULLBACK**
13,250 lbs (5,995 kg) @ 2,500 psi (170 bar)

**DIMENSIONS & WEIGHT**

<table>
<thead>
<tr>
<th>5' VERSION</th>
<th>7' VERSION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width: 45&quot; (114 cm)</td>
<td>Width: 45&quot; (114 cm)</td>
</tr>
<tr>
<td>Length: 60&quot; (153 cm)</td>
<td>Length: 84&quot; (214 cm)</td>
</tr>
<tr>
<td>Overall Height: 51&quot; (130 cm)</td>
<td>Overall Height: 51&quot; (130 cm)</td>
</tr>
<tr>
<td>Drill Height: 26&quot; (66 cm)</td>
<td>Drill Height: 26&quot; (66 cm)</td>
</tr>
<tr>
<td>Weight: 1,100 lbs (500 kg)</td>
<td>Weight: 1,200 lbs (545 kg)</td>
</tr>
<tr>
<td>Drill Centerline: 12.25&quot; (31.0 cm)</td>
<td>Drill Centerline: 12.25&quot; (31.0 cm)</td>
</tr>
</tbody>
</table>

**OPTIONS**

**MCL 230P HIGH-PRESSURE MUD SYSTEM**
Engine: 12 hp (8.9 kw) Kohler gasoline engine with electric start
Pump: Multiple Piston 6 gpm (22.7 L/min) @ 1,000 psi (69 bar)
Water Tank: 230 gal (870 L)
Mixing System: Completely self-contained, hydraulic
Weight: 830 lbs (376 kg)
Dimensions: 69" (175 cm) long x 51.5" (131 cm) wide x 50.5" (128 cm) high

**MCL 3000 HYDRAULIC POWERPACK**
Engine: 30 hp Kubota V1505 Diesel Engine
Pump: Gear type, fixed displacement, 18 gpm (68 L/min) max, 2,500 psi (172 bar) max operating pressure
Reservoir: 35 gal (132.5 L) capacity with intake and return line filters
Weight: 1,000 lbs (499 kg)
Dimensions: 42" (107 cm) wide x 42" (107 cm) long x 42" (107 cm) high

Specifications subject to change without notice.