



**L&H THREADED RODS CORP.**

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## Centermark U-Bolt Bender Specification Sheet

### Reservoir Assembly:

10 gallon oil capacity  
Welded steel tank with magnetic drain plug  
Tank dimensions (18' length x 18' width x height)  
Removable top plate with oil fill tube and breather cap  
Oil level site gauge with built-in thermometer  
3000 PSI liquid filled gauge with shutoff  
Two station manifold with built-in relief valve  
Pressure hose on pump outlet to manifold  
Suction strainer on pump inlet  
Spin-on 10 micron filter with mechanical dirt indicator  
Steel return line from filter housing to manifold  
Replacement filter EFR10 (change when indicated by gauge)

Oil Type:	Mobile DTE 24 (no substitute to maintain 18 month warranty)
Pump Type:	Fixed displacement gear pump with flexible drive coupling
Pump Mounting:	Submerged in oil and C-faced to electric motor
Pump Flow:	5 G.P.M.
Electric motor:	5HP, 1800 RPM, 230V-460V/3P/60H

Operating temperature: 130 degrees F.

System relief: Built-in two station manifold on reservoir, used to limit maximum pressure of 3000 PSI on bend cylinder

Clamp directional valve: Double solenoid directional control valve with Brad Harrison 5 pin connectors, used to move bend cylinder up, down or stop anywhere in-between

Sequence valve: Stacking modular type mounted under bender directional control valve, adjustable range of 50-1500 PSI normally set at 500 PSI, maintains minimum pressure to move clamp cylinder

Reducing valve: Stacking modular type mounted under clamp directional control valve, adjustable range of 25-800 PSI, normally set at 800 PSI, used to maintain maximum clamp pressure

Bender Cylinder area:	15.9 square inches
Bender cylinder pressure:	3000 PSI
Bender cylinder force:	47,700 pounds
Bender cylinder stroke:	10 inches
Clamp cylinder area:	1.46 square inches
Clamp cylinder pressure:	800 PSI
Clamp cylinder force:	1168 pounds (2336 pounds force with mechanical 2-1 advantage)
Clamp cylinder stroke:	3 inches (1-1/2 inches with mechanical disadvantage of 2: 1)
Push button station:	Two position lever operated selector for clamp "open"/"close" Push button for bender "up" Push button for bender "down" 12 foot electrical cord with three prong plug for 115VAC 12 amp service
Foot switches with guards:	Two, one for bender "up" and one for bender "down" One assembly for both switches with a separate guard on each switch with a separate guard on each switch

## Pricing

<b>Part#</b>	<b>Item</b>	<b>Price</b>
CMB20100	1 ¼: u-Bolt Bender	\$15,000.00
CMB20200	5HP Three Phase Power Unit	Included
CMB20300	Push Button Control Box	Included
CMB20400	Remote Foot Control with Guard	Included
CMB20600	Free-Standing Base	Included
CMB700	Motor Starter	Optional
CMB20200-1	5HP Single Phase Power Unit	Optional

All Payment Terms are C.O.D  
All prices are FOB Dayton, Ohio