

16-30" Pipe Bending Machine (HPB16-30)
TECHNICAL SPECIFICATIONS AND FEATURES



Length	22'6" (6858mm)
Width	8'6" (2590.8mm)
Height	8'6" (2590.8mm)
Weight	35,000lbs (15,876kg) (w/o bending set)
Engine	CAT C4.4 Turbo 109hp @ 2200rpm
Winch	Ramsey 15,000lb Winch
Air Compressor	Hydraulic Driven Quincy 370 Compressor w/ 120 Gal Reservoir
Cylinders	(2) 9" (229mm) Outboard Cylinders w/ 19" Stroke (2) 7" (178mm) Inboard Cylinders w/ 6" Stroke
Hydraulic Pump	Denison Main Pump, Parker Piston Pump for Compressor Drive
Oil Cooler	American Industrial

Features / Advantages

- 35gal (133 Litre) fuel tank
- 5 section hydraulic control valve for optional hydraulic mandrel operation as well as bending operations
- 100gal (379 Litre) hydraulic tank, 80gal (303 Litre) fill capacity – Keeps hydraulic oil cooler to extend the life of the bending machine
- Bending Circuit with 1" hydraulic lines and ports for faster operation
- Oil cooler in compressor drive circuit keeps the circuit cool and also cools the oil while the compressor is not running. This extends the life of the hydraulic system
- Machine side plates reinforced with stiffeners in key locations; Multi-pass welding for optimal frame life and strength; Side plates made from 3/4" T1 steel; Die nest plates made from 1" T-1 steel; all welds are pre heated and heat controlled and all welds are made 'in position'
- Dual hydraulic filtration, pressure and return
- Murphy Control panel w/ electric start, throttle control, oil pressure, tachometer and hour meter
- Parker Seal-Lok™ hydraulic systems prevents leaks and has a working pressure rating of 3000psi
- Repairable hydraulic cylinders with Parker Seals come apart without cutting to enable easy seal repair
- 15 ton CAT style 20" wide triple grouser tracks with 24" idlers for easier towing on the Right of Way

Performance

- Maximum bending force at front of stiffback 381,700lbs
- Air compressor with 200psi maximum continuous pressure
- Hydraulic vane pump for main bending circuit, 42gpm @2400 rpm, 3000psi