



PIPE BENDING MACHINE

SUPER 16" - 30"

Design Features

- T1 Steel body construction for long life and extra strength
- Calibrated Indicator Rod for precise repeatable pipe bends
- Single operator control station for all functions
- PTFE sealing system in all cylinders
- Designed to bend all grades of API-5L pipe within its range
- Easily towed on the right of way by a suitable tractor
- Towing eye can be raised and lowered by actuating the Stiffback controls
- Safety steps provide access to pipe from operator stand
- Control valve sections sized for precise flow and metering
- Hydraulic remote control 8 valve system
- Toolless bend pressure control at operator console
- Loading isolation valves
- Low fuel level indicator
- Working lights



HYDRAULICS

| | BORE (IN) | STROKE (IN) | ROD (IN) |
|---|-------------------------|-------------|----------|
| InBoard Cylinder | 8 | 5 | 2.25 |
| OutBoard Cylinder | 11 | 19 | 8 |
| Pin Up Cylinder | 6 | 23 | 4 |
| Clamp Cylinder | | | |
| Pump Type | Vane, Fix Volume | | |
| Pump Flow | 48 gpm | | |
| Valve Type | 3 or 5 Section | | |
| Filtration | 3 Micron, Pressure Line | | |
| Hydraulic System Max Operating Pressure | 3000 psig | | |
| Hydraulic Reservoir | 85 gal | 321 L | |

Disclaimer: Technical information provided for this equipment regarding performance, specifications, dimension and weights can vary depending on final configuration of the equipment. Please contact DMI International for actual specifications at time of shipment.

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PIPE BENDING CAPACITY

| | |
|---------|----------|
| | Dia (in) |
| Minimum | 16 |
| Maximum | 30 |

SPECIFICATIONS

| | | |
|-----------------|------------|-----------|
| Length | 22'-6" | 6,858 mm |
| Width | 8'-3" | 2,515 mm |
| Height | 9'-1" | 2,768 mm |
| Weight (lbs/kg) | 29,500 lbs | 13,409 kg |
| Track Size | 15 Ton | |

ENGINES

| | | |
|------------------------------|------|-----|
| Perkins Diesel, Tier 4 Final | 109 | hp |
| Operating Speed | 2200 | rpm |
| Fuel Tank | 80 | gal |

COMPRESSOR

| | |
|--------------|----------------------|
| Manufacturer | Quincy QR-370 |
| Drive Type | Hydraulic Motor |
| Pressure | 210 psig |
| Flow | 49.3 acfm @ 175 psig |

WINCH

| | |
|--------------------|-----------------|
| Manufacturer | Ramsey |
| Drive Type | Hydraulic Motor |
| Pulling Force | 20,000 lbf |
| Cable Diameter | .5625" |
| Free Wheeling Drum | |

OPTIONS AVAILABLE

- Caterpillar C4.4 Tier 3 Diesel Engine (Export only)
- Hydraulic-driven Air Compressors
- Hydraulic Mandrel connection with 1/2" quick disconnect couplings
- Larger fuel tank available on newer models
- Low fuel level indicator
- Working lights
- Cold weather operating kit (-40°) available

SPECIFICATIONS FOR SUPER 16" - 30" BENDING SETS

| | | LENGTH | | WIDTH | | HEIGHT | |
|----------------------|-----------|--------|------|-------|-----|--------|-----|
| | | in | mm | in | mm | in | mm |
| Super 16 - 30 | Stiffback | 87 | 2210 | 30 | 768 | 15 | 381 |
| | Pin Up | 38 | 965 | 30 | 768 | 15 | 381 |
| | Die | 70 | 1778 | 38 | 965 | 27 | 686 |
| | Clamps | 19 | 483 | 10 | 254 | 7 | 178 |

*Dimensions shown for bending sets are shipping dimensions

