



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 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

NOMINAL PIPE O.D.	MAXIMUM WALL THICKNESS BY GRADE						RECOMMENDED BEND		
	IN/MM	X52	X60	X65	X70	X80	X100	DEGREE PER ARC FOOT	RADIUS FEET
30/762	1.634	1.409	1.298	1.203	1.049	0.836	0.60	96	16.20
28/711	1.937	1.662	1.527	1.413	1.228	0.974	0.65	88	17.60
26/660	-	-	1.839	1.695	1.467	1.156	0.70	82	18.90
24/610	-	-	-	-	1.800	1.403	0.75	76	20.25
22/559	-	-	-	-	-	1.763	0.80	72	21.60
20/508	-	-	-	-	-	-	0.90	64	24.40
18/457	-	-	-	-	-	-	1.10	52	29.70
16/406	-	-	-	-	-	-	1.51	38	40.80

SPECIFICATIONS FOR SUPER 16" - 30" BENDING SETS

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

