



PIPE BENDING MACHINE

SUPER 36" - 48"

Design Features

- Two-Stage Pump
- 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
- Hydraulic remote control valve system
- Bend pressure control at operator console
- Large extra capacity filter
- OSHA Gate on operator station



HYDRAULICS

	BORE (IN)	STROKE (IN)	ROD (IN)
InBoard Cylinder	10	5	4.5
OutBoard Cylinder	14	18	9
Pin Up Cylinder	6	23	4
Clamp Cylinder			
Pump Type	Vane, Fix Volume		
Pump Flow	110 gpm		
Valve Type	5 Section		
Filtration	3 Micron, Pressure Line		
Hydraulic System Max Operating Pressure	2500 psig		
Hydraulic Reservoir	290 gal	1096 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	36
Maximum	48

SPECIFICATIONS

Length	32'-3"	9,830 mm
Width	12'-6"	3,810 mm
Height	10'-10"	3,302 mm
Weight (lbs/kg)	120,750 lbs	54,886 kg
Track Size	50 Ton	

* actual width may vary

ENGINES

Perkins, 1206F, Tier 4	250	hp
Operating Speed	2200	rpm
Fuel Tank	80	gal

COMPRESSOR (optional)

Manufacturer	Quincy QR-390, Stand Alone
Drive Type	Deutz Engine
Pressure	210 psig
Flow	67.0 acfm @ 175 psig

WINCH

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

OPTIONS AVAILABLE

- Cat C7.1 or Perkins 1206D, 250 hp, Tier 3 (Export Only)
- Hydraulic Air Compressor
- Hydraulic Mandrel controls with five section valve & 3/4" quick disconnect couplings
- 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	MAXIMUM 40 FOOT JOINT
48/1219	-	-	-	-	1.857	1.613	1.278	0.50	115	12.75
46/1168	-	-	-	-	-	1.779	1.405	0.50	115	12.75
44/1118	-	-	-	-	-	1.975	1.544	0.50	115	12.75
42/1067	-	-	-	-	-	-	1.731	0.50	115	12.75
40/1016	-	-	-	-	-	-	1.946	0.55	115	12.75
38/965	-	-	-	-	-	-	-	0.58	115	12.75
36/914	-	-	-	-	-	-	-	0.05	115	12.50

SPECIFICATIONS FOR SUPER 36" - 48" BENDING SETS

		LENGTH		WIDTH		HEIGHT	
		in	mm	in	mm	in	mm
		Super 36 - 48	Stiffback	114	2896	53	1346
	Pin Up	53	1346	53	1346	25	635
	Die	81	2057	54.5	1384	25	635
	Clamps	32	813	23	584	13	330

*Dimensions shown for bending sets are shipping dimensions

