



PIPE BENDING MACHINE

SUPER 32" - 42"

Design Features

- High volume variable piston 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



HYDRAULICS

	BORE (IN)	STROKE (IN)	ROD (IN)
InBoard Cylinder	10	5	3.5
OutBoard Cylinder	14	18	8
Pin Up Cylinder	6	23	4
Clamp Cylinder			
Pump Type	Pressure Compensated Piston Pump		
Pump Flow	75 gpm		
Valve Type	Manual 3 or 5 Section		
Filtration	3 Micron, Pressure Line		
Hydraulic System Max Operating Pressure	3000 psig		
Hydraulic Reservoir	90 gal	340 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	32
Maximum	42

SPECIFICATIONS

Length	26'-4"	8,026 mm
Width	9'-10"	2,997 mm
Height	10'-6"	3,200 mm
Weight (lbs/kg)	78,000 lbs	35,455 kg
Track Size	30 Ton	

ENGINES

Perkins 1206F, Tier 4	225	hp
Operating Speed	2200	rpm
Fuel Tank	25	gal

COMPRESSOR (optional)

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

WINCH

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

OPTIONS AVAILABLE

- Perkins 1206D, 225 hp, Tier 3 (Export Only)
- Hydraulic-driven Air Compressor
- Hydraulic mandrel controls with five-section valve & 3/4" access connections
- Hydraulic Oil Cooler
- Cold weather operating kit (-40°) available

NOMINAL PIPE O.D.	MAXIMUM WALL THICKNESS BY GRADE							RECOMMENDED BEND		
	X52	X60	X65	X70	X75	X80	X100	DEGREE PER ARC FOOT	RADIUS FEET	MAXIMUM 40 FOOT JOINT
42/1066	-	-	-	-	-	1.838	1.488	0.50	115	13.00
40/1016	-	-	-	-	-	-	1.621	0.50	115	13.00
38/965	-	-	-	-	-	-	1.832	0.50	115	13.00
36/914	-	-	-	-	-	-	-	0.50	115	13.00
34/864	-	-	-	-	-	-	-	0.55	104	14.30
32/813	-	-	-	-	-	-	-	0.58	98	15.08

SPECIFICATIONS FOR SUPER 32" - 42" BENDING SETS

		LENGTH		WIDTH		HEIGHT	
		in	mm	in	mm	in	mm
		Super 32 - 42	Stiffback	98	2489	44	1118
	Pin Up	53	1346	44	1118	20	508
	Die	77	1956	48	1219	25	635
	Clamps	28	711	17	432	10	254

