



PIPE BENDING MACHINE

SUPER ELITE 22" - 36"

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
- Large extra capacity filter
- Extra capacity dual fan oil cooler
- Control valve sections sized for precise flow and metering
- Best in Class cycle time provides 72% performance increase



HYDRAULICS

	BORE (IN)	STROKE (IN)	ROD (IN)
InBoard Cylinder	7	5	2.25
OutBoard Cylinder	11	19	9
Pin Up Cylinder	6	23	4
Clamp Cylinder			
Pump Type	Vane, Fix Volume		
Pump Flow	105 gpm		
Valve Type	Manual, 3 or 5 Section		
Filtration	3 Micron, Pressure Line		
Hydraulic System Max Operating Pressure	3000 psig		
Hydraulic Reservoir	125 gal	473 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	22
Maximum	36

SPECIFICATIONS

Length	24'-1"	7,340 mm
Width	8'-8"	2,642 mm
Height	10'-0"	3,048 mm
Weight (lbs/kg)	57,000 lbs	25,909 kg
Track Size	15 Ton	

ENGINES

Perkins 1204F, Tier 4	174	hp
Operating Speed	2200	rpm
Fuel Tank	80	gal

*80 Gallon fuel tank only on Tier 4 models

COMPRESSOR

Manufacturer	Quincy QR-390
Drive Type	Hydraulic Motor
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

- Perkins 1106D, 173 hp, Tier 3 (Export Only)
- Hydraulic driven air compressors
- Hydraulic Mandrel controls with five section valve & 1/2" quick disconnect couplings
- Cold weather operating kit (-40°) available

NOMINAL PIPE O.D.	MAXIMUM WALL THICKNESS BY GRADE						RECOMMENDED BEND		
	X52	X60	X65	X70	X80	X100	DEGREE PER ARC FOOT	RADIUS FEET	MAXIMUM 40 FOOT JOINT
36/914	-	1.917	1.760	1.627	1.413	1.119	0.50	115	13.50
34/864	-	-	-	1.867	1.616	1.274	0.55	104	14.80
32/813	-	-	-	-	1.875	1.469	0.58	98	15.60
30/762	-	-	-	-	-	1.721	0.60	95	16.20
28/711	-	-	-	-	-	-	0.65	88	17.60
26/660	-	-	-	-	-	-	0.70	82	18.90
24/610	-	-	-	-	-	-	0.75	76	20.30
22/559	-	-	-	-	-	-	0.80	72	21.60

SPECIFICATIONS FOR SUPER 22" - 36" BENDING SETS

		LENGTH		WIDTH		HEIGHT	
		in	mm	in	mm	in	mm
		Super 22 - 36	Stiffback	88	2235	37	940
	Pin Up	37	940	37	940	18	457
	Die	70	1778	41	1041	25	635
	Clamps	24	610	10	254	12	305

