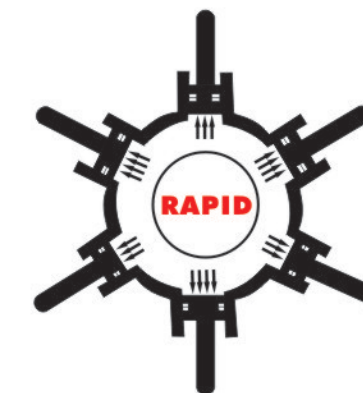




# RAPID

## HYDRAULIC PIPE BENDING MACHINE



ESTD. 1979

### Our Esteemed Customer Base

#### To Name a Few :

- Imperial Auto Industries Ltd.
- International Coil Ltd.
- Alps Industries Ltd.
- Parker Markwel Industries Pvt. Ltd.
- Pioneer Hose & Hydraulics Pvt. Ltd.
- Super Seals India Pvt. Ltd.
- Thiraviam Engineering Pvt. Ltd.
- India-Flex Industries Pvt. Ltd.

### RAPID FLOW INDIA PVT. LTD.

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Tel: +91-129-4042421, 4047420-21, 4101423, Fax : 4047610  
email: rapidflow@rediffmail.com, rapidflow@airtelmail.in  
www.rapidflowindia.com

### PLC SINGLE & 3 AXES





# TECHNICAL SPECIFICATIONS

Model No. → ↓ Technical Terms ↓	UNITS		RAPID 32	RAPID 45	RAPID 65	RAPID 100
Max Capacity (Dia x Thickness)	mm	Max	32 x 2.0	45 x 3.0	65 x 6.0	114 x 7.0
		Min	6.00	12.00	20.00	25.00
Bend Radius CLR*	mm	Max	120	150	350	500
		Min	20.0	25.0	30.0	40.0
Min Bend Radius (in terms of D*)			1.5D	1.5D	1.5D	1.5D
Standard Length Over Mandrel (extra length available on request)	Mtrs.		2.0	2.0	2.0	4.0
Bend Angle Range	Degrees		5 - 180	5 - 180	5 - 180	5 - 180
Bending Direction			clockwise	clockwise	clockwise	clockwise
Bending Speed	Degrees/Sec.		60	50	40	30
Indicative Production Rate	90 Degrees Bends/Hr.		200	150	125	100
Bend Angle Accuracy	Degrees		± 0.25	± 0.25	± 0.25	± 0.25
Motor	HP		5.0	7.5	10.0	20.0
Weight (approx.)	Tonnes		1.0	1.4	2.0	4.0

\* D = Pipe outside diameter, CLR = Centre line radius

**NOTE :** Due to numerous R & D activity happening in our company, the technical specifications may vary at the time of purchase, kindly bear with us and confirm your product's specifications before purchase.

## KEY ASPECTS

- Memory capacity = 50 programs with 15 bends/program
- Mitsubishi / Messung controls along with HMI (Beiier make) are installed to input the data correctly & precisely
- Use of mandrel in specific applications
- Automatic lubrication\* an aid to fulfill peak production demands & for the smooth running of the machine

**NOTE :** We also make **Hand Operated** and **Electrically Controlled** Pipe Bending Machines on Special Demand

\* Not included in standard model



## FEATURES

- Low noise level, high performance
- Low running cost, high productivity
- Cost effective compared to CNC machines
- Minimum bend radius = 1.5D  
**(1D is also possible with special tooling)**
- Sturdy Frame: Minimum deflection & uniform distribution of load
- Main Cylinder Ram : Operates at minimum working pressure for trouble free operation
- Electrical / Hydraulic components procured from reputed companies like Yuken, Hydrome / Cross (Hydraulic) Mitsubishi & Telemecanique (Electrical)