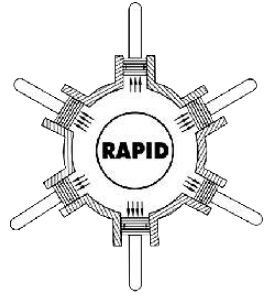


# RAPID

Since 1979



## SINGLE AXIS PLC CONTROL TUBE BENDING MACHINE

To achieve  
quality & productivity



More than 200 machines working successfully



## **Introduction**

Rapid Flow has designed and manufactured the highest quality machines for tube industry since 1979. Rapid machines have earned a good reputation worldwide. Rapid Tube bending machines can be used for economical, small batch to high volume mass production. The range includes PLC Control Tube Bending Machines. The machine has all production related features. We also supply tooling for the simple to most complex tube bending applications.

## **Machine Features**

- Die Clamping & Pressure die controlled with direct acting hydraulic cylinders
- All slides guided on linear guideways
- Bend axis powered by hydraulic cylinder
- PLC system with touch screen HMI
- Spring back compensation facility

## **Technical Specifications**

Model	PL32
Max. Tube Capacity (Diameter x Thickness)	32mm x 2mm (Ferrous tubes UTS 45 Kg/mm <sup>2</sup> )
Min. Tube Capacity (Diameter)	6mm
Max. centre line radius (CLR)	120mm
Min. centre line radius (CLR)	20mm
Min. Bend Radius (in terms of D)	1.5D
Standard Length over mandrel	2 Metres
Bend Angle Range	5 to 180 degrees
Bending Direction	Clockwise
Bending Speed	60 degrees / second
Indicative Production Rate	200 (90 degrees Bends / hour)
Bend Angle Accuracy	± 0.25 degrees
Motor	5.0 HP
Oil Tank capacity	150 Litres (built in)
Machine Lubrication	Manual Centralized Lubrication System

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