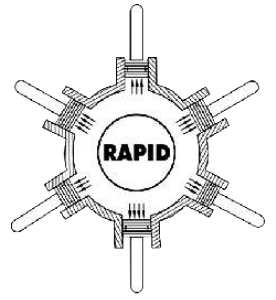


RAPID

Since 1979



MANUAL TOGGLE TYPE HYDRAULIC 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 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 Hand operated Toggle
- All slides guided on linear guideways
- Bend axis powered by hydraulic cylinder

Technical Specifications

| | |
|----------------------------------|---|
| Model | PB20 |
| Max. Tube Capacity (D x T) | 20mm x 1.5mm (Ferrous tubes UTS 45 Kg/mm ²) |
| Min. Tube Capacity (D) | 6mm |
| Max. Bend Radius (CLR) | 100mm |
| Min. Bend Radius (CLR) | 20mm |
| Min. Bend Radius (in terms of D) | 1.5D |
| Standard Length over mandrel | 550 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 | 2.0 HP |
| Oil Tank capacity | 35 Litres (built in) |

• D = Tube Outside Diameter • T = Wall Thickness • CLR = Centre Line Radius

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