

ELBOW MAKER



This machine is designed to assemble round cross-section segments, obtained by cutting on a plasma cutting machine, into a complete ductwork system. The machine comprises two stations: the first station opens male and female flange locations for the segments, while the assembly and closing process is carried out at the second station.

With the power of its hydro motors, this machine can efficiently process materials up to 1.2mm in thickness, making it ideal for the production of elbows, reducers, and terminations with a thickness range of 0.5-1.2mm. The resulting circular section liftings meet standard requirements, boasting high-quality and leak-proof construction.

Notably, the machine accommodates the simultaneous work of two employees, and its quick transition between different diameters leads to an 80% reduction in both time and labor.

*It consists of two parts: Preparation Unit and Closing Unit.

Technical Details

Power	:	5 KW
Voltage-Frequency	:	380/400 VAC 50-60Hz 3Ph+PE
Current	:	12,5A
Hydraulic System	:	Yes
Air Pressure	:	6 Bar 9 lt/min
Diameter Range	:	Ø100mm - Ø1250mm (Ø1500mm Optional)
Production Time	:	Ø200mm 90° For Elbow in 4 Pieces 2 minutes
Sheet Thickness	:	0,50mm - 1,20mm
Diameter Range	:	Flange Height Diameter Range
		5mm Ø125mm - Ø250mm
		7,5mm Ø50mm - Ø500mm
		10mm Ø500mm - Ø1250mm
Dimensions (UxgxY)	:	2,7m x 0,8m x 1,07m
Weight	:	890 Kg
Options:	:	Ø 1500, Thickness 1,5mm