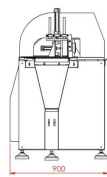
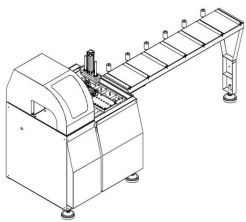
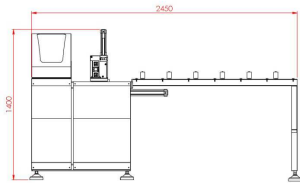


AS 489S

AUTOMATIC PROFILE CUTTING MACHINE WITH SERVO



430 kgs.

MACHINE DESCRIPTION

Automatic cutting of aluminum profiles at 90 degrees between 3 mm – 280 mm in one stroke and up to 1,000 mm in 4 strokes, adjusted via PLC and servo motor. Focusing on all kinds of industrial profiles.

The machine feeds the profile via servo motor and a gearbox connected to a ball screw. The cutting dimensions, complete profile bar size, cutting quantity, and similar information are entered into the PLC via a 7" touch panel.

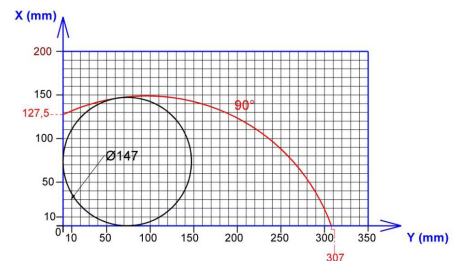
The saw blade moves from bottom to top via a hydraulic cylinder.






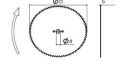
Saw blade diameter: 450 mm.

Saw blade power: 4.0 kW on a belt-driven system, cutting smoothly at a constant 2,800 rpm. The machine has a customized clamping system that can clamp the profile bar and the cut piece simultaneously, while also helping to extract swarf through its clamping hood.

The saw blade cylinder moving the blade up is connected to the clamping hood; the blade moves until the piece is cut, then retracts from that specific distance. It is possible to adjust the saw feed speed through a pneumatic valve.

Maximum loading weight of the profile: 75 kg.
 Maximum cutting diameter: 147 mm.
 Maximum width of the profile to be cut: 307 mm.
 Maximum height of the profile to be cut: 127 mm.
 The remnant piece at the end is 80 mm.
 Two horizontal and two vertical clamping pistons for a perfect grip of the profile.
 1.5-meter roller conveyor.



 <p>Hz = 50 RPM = 3000 KW = 4</p>	 <p>V = 400 KW = 5</p>	 <p>Air 6-8 bar</p>	 <p>400 kg</p>	 <p>H = 1100 mm W = 4000 mm D = 480 mm</p>	 <p>ØD = 455 mm Ød = 32 mm b = 3,2 mm</p>
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