

TT-450 Double Head Miter Saw (Ø:500 mm - 19.69 in.)

SAWS » TT-450

- For Aluminum profiles cutting.
- Saw heads can cut inward or outward.
- Angles between 45° - 90° and 90° - 135° can be adjusted manually.
- Length, angle and cutting accuracy thanks to strong construction and linear bearing system.
- 500 mm (19.69 in.) diameter saw blade enables accurate cutting of different profile sizes.
- More precise and serial cutting by tolerating failures which are caused by profile width with automatic profile measurement system during outward cutting process.
- 4500 mm (177.16 in.) maximum cutting length standard.
- Automatic positioning of the mobile head by means of a PLC control system with touch panel.
- Item number, length dimensions, angles and quantities can be programmed on the control panel. (2000 x 10 data points: able to cut in different program)
- Data transfer by means of network connection or USB.
- Adjustable saw movement speed.
- Continues where it left by switching among different cutting.
- Profile support conveyor on mobile head balances the profile being worked on.
- In long-length profile cutting, automatic support mechanisms which work between the fixed and mobile head prevents profile deflection and provides smooth and precise cutting.
- Horizontal and vertical clamping system to ensure optimum profile clamping.
- Filter-Regulator-Lubricator for incoming air supply.
- Pulse spray mist blade lubricant system.

OPTIONAL

- Dust and Chips extraction system (ES 024)
- Profile support conveyor (TK 065)
- Machine can be produced for 6,000 mm (236.22 in.) and 7,500 mm (295.27 in.) maximum cutting lengths upon request
- Label printer (AK 003)
- Hydro-Pneumatic Saw Blade Feeding Device. (AH 042)
- Aluminum wedge cutting. (AH 025)

Technical Features :

• Power supply: 400V, 3 ~, 50/60 Hz	• Minimum cutting length: (exterior angle) 240 mm (9.44 in.)
• Total Power Output: 6.55 kW	• Working air pressure: 6-8 bar (90-120 psi)
• Saw blade motor power: 3 kW (4.02 hp) x 2	• Air consumption: 60 l/min. (2.12 cfm)
• Saw blade speed: 2800 rpm (50 Hz.), 3360 rpm (60 Hz)	• Machine height: 1750 mm (68.89 in.)
• Maximum cutting length: 4500 mm (177.16 in.)	• Machine length: 8000 mm (314.96 in.)
• Minimum cutting length: 350 mm (13.77 in.)	• Machine width: 1700 mm (66.92 in.)
• Minimum cutting length: (interior angle) 550 mm (21.65 in.)	• Machine weight: 1800 kg. (3,970 lbs.)

