



TT 425

Double Mitre Saw

- For Aluminium and PVC cutting
- Solid cast construction for length and angle accuracy
- Machine bed made of steel
- 6000mm maximum cutting length as standard
- Length and cutting accuracy thanks to strong construction and linear bearing system
- Automatic tilt movement of the saw heads to 45° and 90° angle. Angles between 45° and 90° can be adjusted manually and locked easily
- Pivot angles can be adjusted via the digital display
- The movable head positions itself automatically by means of the PLC control system with touch panel
- Chop and oversize length cuts – minimum 4mm and maximum 7500mm
- Profile lifting bars
- Two vertical pneumatic clamps per saw head to ensure optimum profile clamping
- Data transfer by means of network connection or USB
- Item number, length dimensions, angles and quantities can be programmed on the control panel (2,000 x 10 – able to cut in different program)
- Filter-Regulator-Lubricator for incoming air supply
- Pulse spray mist blade lubricant system
- Cooling system for Aluminium profiles (AS 022)
- Hydro-pneumatic saw blade feeding device (AH 042)
- Aluminium wedge cutting (AH 025)

Optional

AK-003 Label printer

AH-046 Automatic short cut system

AH-027 Extraction system

AH-026 Long cut system to 7.5m

AH-044 Automatic arrow head positioning

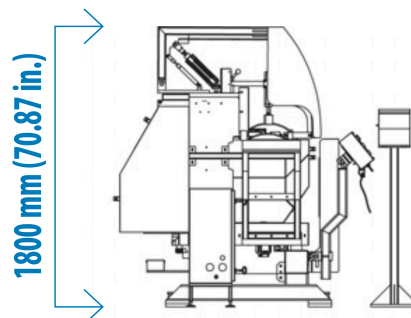
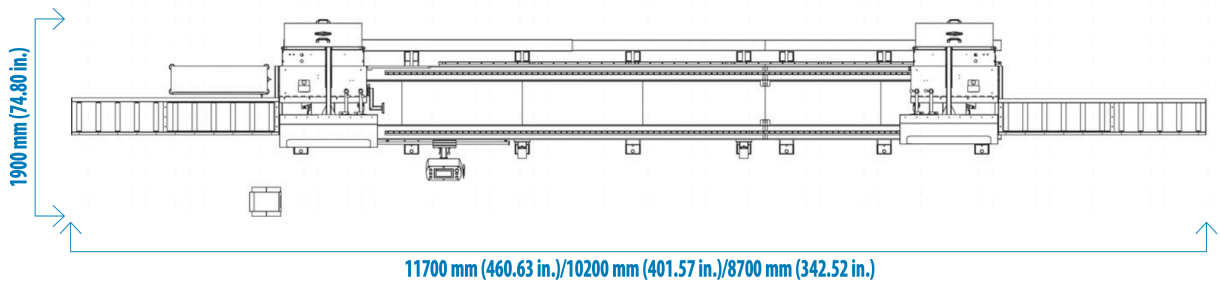
Machine can be produced in 4500mm and 7500mm maximum cutting lengths upon request



Technical Features

- Power supply: 400V, 3ph, 50-60Hz
- Total power output: 11kW
- Saw blade motor power: 4kW
- Saw blade speed: 2,800rpm (50Hz) 3360rpm (60Hz)
- Saw blade diameter: 475mm
- Maximum cutting length: 7500/6000/4500mm
- Minimum cutting length tilted at 90°-45°: 450mm
- Minimum cutting length tilted at +45°-45°: 450mm
- Minimum cutting length pivoted at 45°-90°: 600mm
- Minimum cutting length pivoted at 90°-45°: 600mm
- Minimum cutting length pivoted at 45°-45°: 700mm
- Pivoting range (inwards): 90° – 45°
- Pivoting range (manual): 45°-22.5°
- Tilting range inwards pneumatically: 90° – 45°
- Working air pressure: 6-8 bar
- Air consumption: 60 l/min
- Machine height: 1,800mm
- Machine width: 1,900mm
- Machine length: 11,700mm/10,200mm/8,700mm
- Machine weight: 1,900kg

Machine Dimensions for 7500mm, 6000mm and 4500mm Cutting Lengths





Cutting Diagram

