

Technical Commercial Data Sheet

EM 280 A automatic feed end milling machine



- **Horizontal end milling machine with pneumatic-hydraulic cutter feed suitable for processing light alloys and PVC**
- **Cutting of any angle between 45° right and 45° left without reducing the useful working stroke**
- **Rotation speed regulation up to 7000 rpm via inverter**
- **Rapid approach and adjustable working advance speed**
- **Pneumatic horizontal vice equipped with swivel jaw and safety servo valves**
- **Pneumatic vertical vice with safety servo valve**
- **Quick change of the cutter unit via button on the control panel**
- **Adjustable stop equipped with a reference plane for positioning the machine at angles other than 90°, by means of direct reference on the cut profile**
- **On-board machine cutter group magazine with 6 spaces**



An innovative work surface translation system allows for the execution of butting cuts at any angle between 45° right and 45° left without compromising the useful working stroke which always remains the same at 280 mm.

Accessories on request

- Additional 25x32x200 mm tube
- Additional adjustable stop
- Customized cutter groups
- Cutting oil

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An easily removable chip collector allows for quick and effective cleaning after machining

Technical features

- Three-phase motor 1.5 kW - 400V - 50Hz
- Spindle speed: up to 7000 min⁻¹
- Useful working stroke: 280 mm (heading at any angle between 45° right and left)
- Operating pressure: 7 bar
- Maximum cutter diameter: 160 mm
- Stem dimensions: 25x32x200 mm
- Manual setting of the cutting angle up to 45° right and 45° left with direct reference to the cut profile
- Pneumatic change of the cutter group
- Spindle rotation speed regulation via inverter
- Milling cutter feed speed control valve
- Rapid approach with micro for detection of start of processing
- Oil lubrication using a variable flow nebulizer
- Clamping system with differentiated pressure and safety servo valves
- Machine dimensions: 1000 mm (a) x 1150 mm (b) x 1350 mm (c)
- Machine weight: 268 kg



Standard equipment

- No. 1 tube 25x32x200 mm
- No. 1 adjustable stop equipped with a reference plane
- Pneumatic swiveling horizontal vice
- Pneumatic vertical vice
- Roller conveyor for profiled support
- Filter reducer + lubricator group with air gun
- Removable chip collection tray
- Installation, use and maintenance manual in the following languages:
- Service keys