

# Speedhone EM

**A universal and versatile horizontal honing machine with electronic spindle control**

- Universal and versatile
- Cost effective
- Quality approved and consistent
- In built dial indicator
- Four-way adjustable chuck as standard
- Lower working height
- Integral honing fluid system allowing a compact machine, saving valuable floor space
- Removable tank on rollers for easier maintenance
- Simple proven design keeping maintenance to a minimum
- Optional hand operated stroking unit
- Optional anti-wind chuck and alignment gauge
- Dedicated fixture in option to receive the weight of the part and leaving the self-alignment of the part against the tool



# Technical data

## Electrical equipment

Conforms to European Community standard I.E.C. 204/82.

|                           |                            |
|---------------------------|----------------------------|
| General motor protection: | IP 54                      |
| Standard electric supply: | 380-420 V, 3 phases, 50 Hz |
| Control voltage:          | 24 VDC                     |

## Feeding System - Stone Management

Stone feeding system:

Automatic feeding system of the stone. One dial indicator allows the checking of stone setting and the monitoring of stone feed speed

Stone pressure:

The pressure applied to the stone is preset, or set during the honing cycle by a graduated dial, whose 360° rotation gives adjustment of the applied force

## Capacity

Diameter range: 1.14 to 80 mm

## Spindle drive

Spindle speed: Infinitely variable 200 to 2500 RPM

Spindle motor: Power 1.5 kW

With frequency inverter allowing progressive starting and electronic braking

Standard spindle chuck: It allows the adjustment in 4 points to correct parallel misalignment of the tool

Multi-plane spindle chuck: This adjustment in 8 points ensures perfect alignment of the honing tool in taper and parallel misalignment (optional device)

## Miscellaneous

Honing fluid filtration: Removable tank on small wheels of 75 litres with integrated filter system in 3 filtration levels; magnetic, fibre and decantation. Pump power is 0.12 kW. A fourth level of filtration using cartridge paper underpressure is available as an optional device

Lighting: Halogen light with adjustable arm working with 24 VDC

Air requirement: Optional output for air gauging 0.5 m<sup>3</sup>/h at 5.5 bar

Shipping dimensions:

- Approx. size of box: 121 x 121 x 168 cm
- Net weight: 225 kg
- Gross weight: 362 kg

In compliance with our high degree of permanent improvement policy, above specifications and characteristics are subject to modification without preliminary advertisement