

Speedhone EA

Efficient, productive, quick to set up horizontal honing machine with electronic spindle control

- Highly productive
- Consistent and repeatable process
- Fast to set, quickly in production
- Infinitely adjustable spindle and stroking speeds
- Choice of two start cycle procedures
- Choice of three in cycle control systems
- Improved tray design giving greater rigidity
- Integral three stage honing oil filter
- Removable tank on rollers for easier maintenance
- Optional plug sizing equipment
- Optional alignment gauge
- Plug sizing stops the honing cycle
- One single operator can load 2 machines so labour cost is divided



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

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

Multi-plane spindle chuck:

Adjustments in 8 points ensures perfect alignment of the honing tool in taper and parallel misalignment

Stroking drive

Stroking length: Infinitely variable 0 to 160 mm
Stroking speed: Infinitely variable 60 to 350 stroke/min
Stroking motor: Power: 0.37 kW

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 under pressure is available as an optional device

Lighting: Halogen light with adjustable arm working with 24 VDC

Air requirement:

- Minimum output for the machine: 0.1m³/h at 5.5 bar
- Optional output for air gauging: 0.5m³/h at 5.5 bar

Shipping dimensions:

- Approx. size of box: 162 x 121 x 168 cm
- Net weight: 298 kg
- Gross weight: 478 kg

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