

Delivering Honing Excellence

Speedhone – EM Speedhone - EA



Delivering Honing Excellence

Speedhone – EM Speedhone - EA



	Speedhone - EM	Speedhone - EA
Diameter range	1.143 - 79.375mm (0.045 - 3.125ins). Other sizes to special order	
Spindle speed	Fully variable: 200 - 2500 rpm	
Rotation motor	1.5 kW (2 HP)	
Stroke length	N/a	Fully adjustable: 0 – 1.55mm (0 – 6 ins)
Reciprocation speed	N/a	0.37 kW (1/2 HP)
Stone feed	N/a	Operator controlled via the foot pedal, with fine manual adjustment and dial indicator reading.
Stone pressure	Fully variable within two ranges, light or heavy. Pre-set or adjustable during cycle.	
Honing fluid	75L (16.5 gals) T.E.F.C. motorised pump 0.12 kW (1/6 HP)	
Work lamp	25V lamp, adjustable arm.	
Size control	Dial indicator.	Auto size cut-off, with micro switch and metric dial indicator. In-process timer: range 0 – 10 mins. Other ranges available. Single or multi-stone plug sizing.
Electrical equipment	Conforms to BS EN 6024 and BS 7671	
Electrical supply	380/420V, 3ph 50Hz as standard. Other supplies to special order.	
Air requirements	1m³ at 5.5 BAR (0.6ft³ /min at 80 psi) when air gauging specified.	Minimum 0.1m³ /hr at 5.5 BAR (0.06ft³ /min at 80 psi). Additional 1m³ at 5.5 BAR (0.6ft³ /min at 80 psi) when air gauging specified.
Colour	White RAL 9002. Other colours to special order.	
Shipping details	Case size: 1210 x 1210 x 1680mm. Net weight: 225kg Gross weight: 362kg.	Case size: 1620 x 1210 x 1680mm. Net weight: 298kg. Gross weight: 478kg.

All dimensions are nominal.
As a result of our policy of ongoing product development, Delapena reserves the right to revise specifications and design, without prior notice. E & O E.

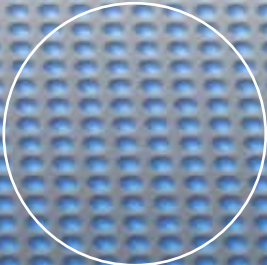
AFTER SALES SUPPORT

Having been at the forefront of honing technology for over eighty years, we continue to lead the way. Our equipment is backed by a comprehensive tooling service and an extensive range of consuables. Whatever your tooling requirement we are best placed to deliver solutions quickly and competitively. Delapena also offers a process trial and prototype service to help you meet your customers’ exacting specifications. Delapena is committed to providing the very highest levels of after sales service and support.



Delapena Honing Equipment Ltd
The Runnings · Cheltenham · Gloucestershire · GL51 9NJ · England
Tel: + 44 (0)1242 516341 · Fax: + 44 (0)1242 221246
sales@delapena.co.uk · www.delapena.co.uk

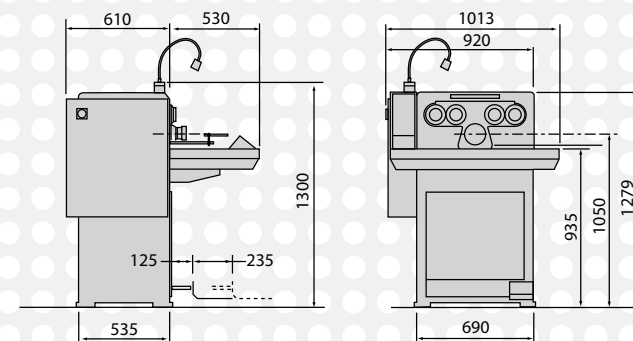
Delapena is an independently owned, British company.



Speedhone – EM

The Delapena Speedhone – EM provides a manual solution for horizontal honing operations. Designed and manufactured to the highest specifications, the Speedhone – EM incorporates a range of features for accurate, efficient and repeatable honing processes.

- Built in dial indicator for feed expansion control
- Rigid tray design
- Push button control panel
- Four way adjustable chuck as standard
- Easily removable, integral, three stage fluid filter unit
- Ergonomic work station for operator comfort and efficiency
- Low voltage work lamp as standard
- Optional manual stroking unit
- Optional anti-wind chuck
- Optional alignment gauge
- Optional air gauging



Speedhone – EA

The Delapena Speedhone – EA combines the many features of the Speedhone – EM with the additional benefits of automation. It is the ideal solution for high volume, batch production and applications where high stock removal rates are required, but via manual operation, is equally adept for small batches and prototypes. Fully adjustable spindle speeds, stroking speeds and stone pressures facilitate the smallest mandrel or the greatest rate of stock removal.

The Speedhone – EA's "Stone Saver" feature allows operators to override stone expansion speed, via a foot pedal, to control expansion rates and make optimum use of the honing stone.

- Built in dial indicator for feed expansion control
- Fully adjustable spindle and stroking speeds
- Two start cycle procedures
- Three "in-process" control systems
- Rigid tray design
- Push button control panel
- Fail safe interlocking door with electric sensor for operator safety
- Universal fixtures supplied as standard. Gimbal, die honing and con rod fixtures available as options
- Operator controlled "Stone Saver" for economic use of the honing stone
- Multi plane chuck, as standard
- Easily removable, integral, three stage fluid filter unit
- Ergonomic work station for operator comfort and efficiency
- Low voltage work lamp, as standard
- Optional alignment gauge
- Pre wired connection for plug sizing option
- Manual operation for small batches and prototypes

