

PowerHone E

precise/efficient/versatile

pioneering the way forward in honing with the advanced iHone software



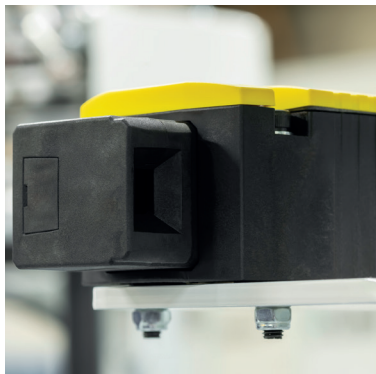
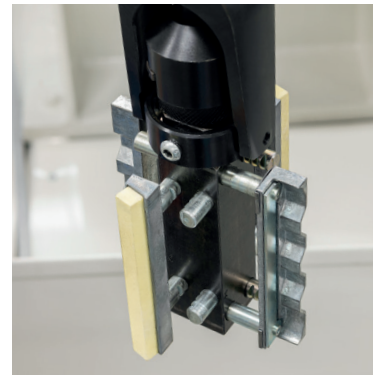
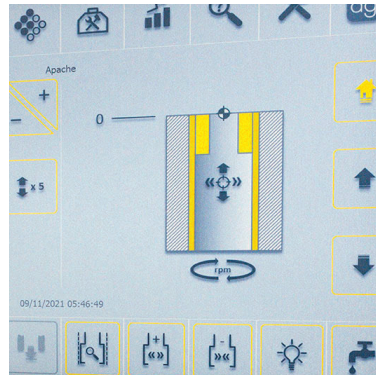
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PowerHone E

iHone Technology





Introducing the PowerHone

The PowerHone E is a vertical honing machine for heavy & large components in small to medium size batches and prototypes. Designed for both through & blind bores producing an excellent surface finish.

iHone Technology

iHone is delapena's icon-based software providing the operator with a conversational touchscreen interface. Featuring clear graphics for quickly and easily defining honing parameters.

Features & benefits

With a diameter range from 25.4mm to 740mm and a massive stroke length of up to one metre the PowerHone E is honing at its most versatile.

Fully programmable rotation speeds up to 250rpm & reciprocation speeds of up to 30m/min.

Programs can be stored for later recall facilitating minimum set up time for repeat work.

With fully interlocking safety enclosure the PowerHone E is both operator friendly and health & Safety compliant.

Cutting edge Siemens' technology combined with a fully linear actuator allows for greater functionality.

Compact and space saving with an integrated worktable and coolant tank with magnet and a cartridge filtering system.

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ForceHone

rapid/powerful/robust

designed for quicker component
turn-around and faster honing

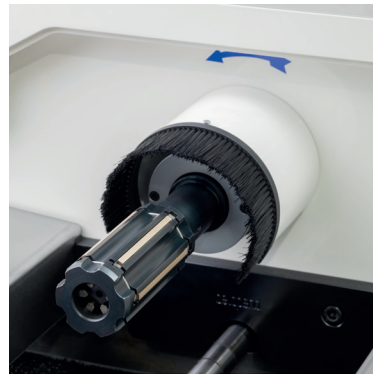


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ForceHone

rapid/powerful/robust



Introducing the ForceHone

In toolrooms across the world you will find a delapena SpeedHone. Recent years the demand for intuitive programming and push button operation has led to the design & manufacture of the ForceHone, big brother to the SpeedHone.

With safe practices, easy automatic operation & the use of super abrasives, the ForceHone has helped to deskill the art of honing, enabling honing to grow in usefulness across a multitude of industries.

Features & benefits

Capable of honing diameters up to 80mm, with a powerful spindle motor and an innovative carriage system, the ForceHone is designed for versatility coupled with high productivity.

Fully programmable rotation speeds up to 2500rpm & reciprocation speeds of up to 70m/min.

Fully interlocking sliding safety guards allows unrestricted access when setting and its ergonomic design makes the ForceHone operator friendly and easy to use.

Siemens drives & an HMI display makes programming simple and fast.

Compact and space saving, the ForceHone is the ideal tool for any workshop.

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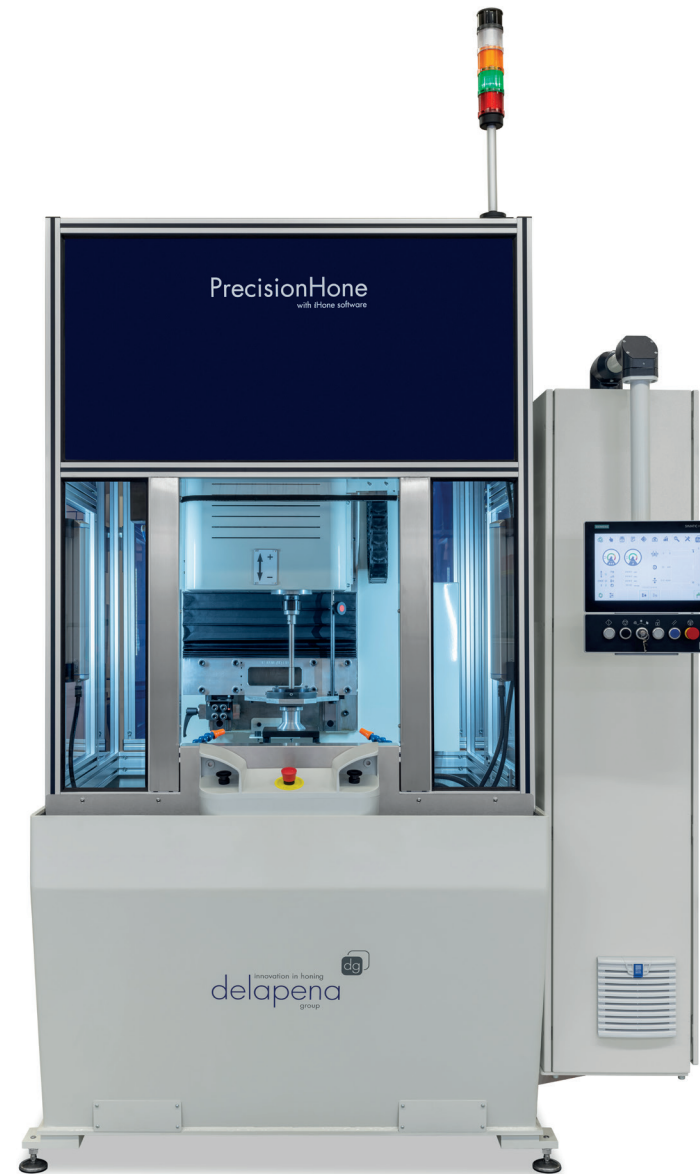
PrecisionHone

flagship/advanced/accurate

pioneering the way forward in honing
with the advanced iHone software



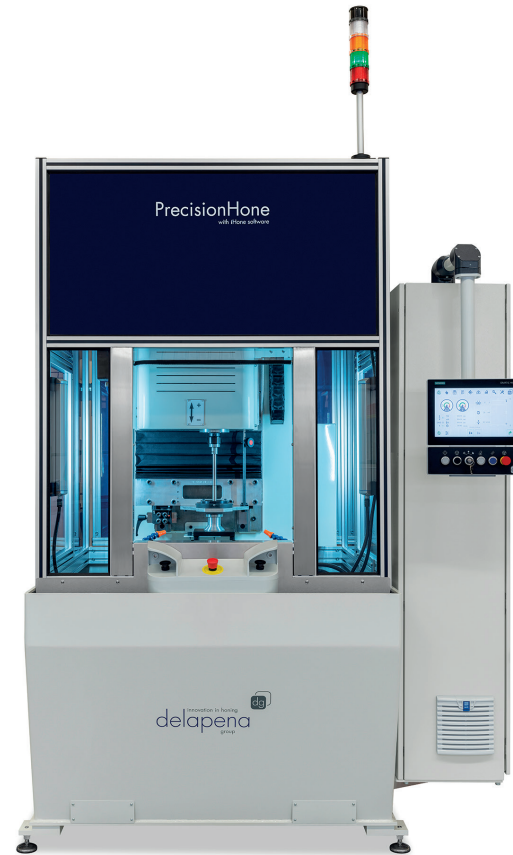
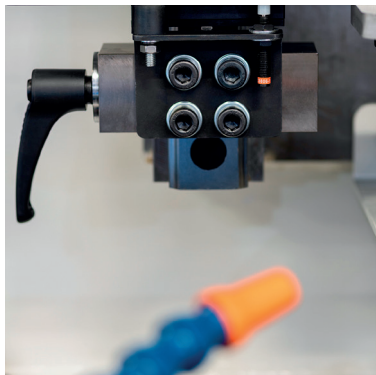
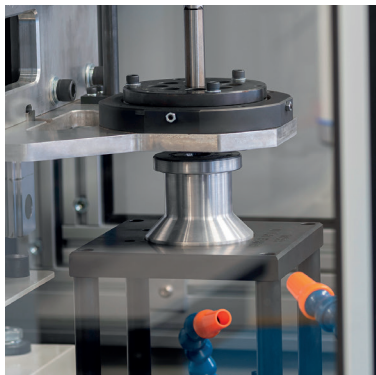
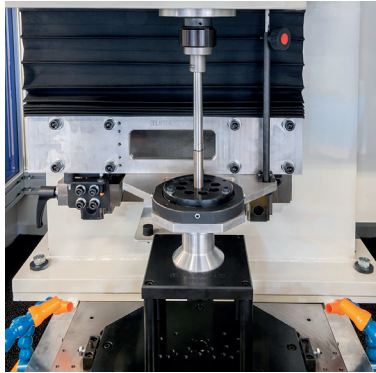
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PrecisionHone

iHone Technology





Introducing the PrecisionHone

The PrecisionHone to with wide ranging capacity to hone parts from small scale to heavy components, with a diameter range of 1.14mm to 80mm* and a tolerance accuracy to 0.001mm, with a sub-micron adjustment.

This machine delivers precision control, advanced intelligent honing software, accurate operational efficiency all combines giving you an excellent return on your investment.

Features & benefits

With a diameter range from 1.14m to 80mm and a stroke length of up to 500mm the PrecisionHone is honing at its most versatile.

Programs stored for later recall facilitating minimum set up time for repeat work

With fully interlocking safety enclosure the PrecisionHone is both operator friendly and health & safety compliant.

Two stage programming allows discreet cutting data for stock removal and/or finishing

Fully programmable short stroking for blind/ misshapen bores

Flexible fixturing & table layout – XY & rotary options available on request

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TubeHone

dynamic/commanding/dominant

designed for safe, robust, and powerful honing



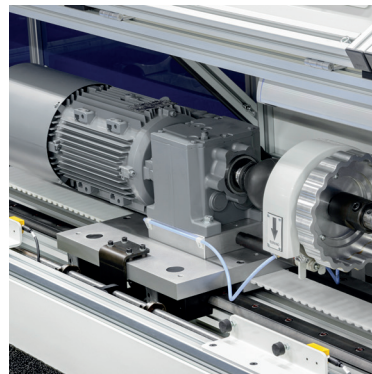
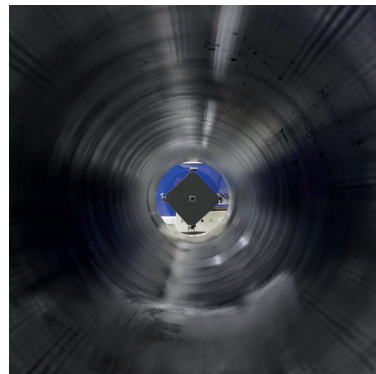
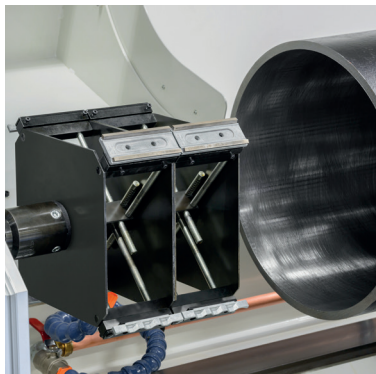
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TubeHone

*i*Hone Technology





Introducing the TubeHone

The TubeHone is the ideal machine for cylinders up to 4m in length. Our standard TubeHone hones up to 650mm bores, with bespoke machine options up to 1m diameter.

The powerful motors make for rapid stroke removal and a belt drive system reduces noise with a more rigid stroke. With failsafe interlocking guarding ensures operator safety and health & safety compliant.

Features & benefits

Safe, precise control – reliable accuracy and consistency

- Auto-shutoff guarding for operational safety
- Push button, automatic operation
- Electronic control system with Siemens' components
- User-friendly control panel with digital cycle timer
- Hands free operation

Operational efficiency – reduce cost per part

- Belt drive system for reduced noise and rigid stroke
- Integral magnetic filtration and paper band filtration
- Rapid stroke removal
- Quick and easy set up
- Automatic feed system as standard

Versatile & flexible

- Standard TubeHone 2m or 4m variants
- Bore diameter of up to 650mm, as standard
- Bespoke option of up to 1m bore diameter
- Tolerance accuracy to 0.010mm

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