

## Intelligent honing

Designed by delapena's expert team of engineers, i Hone is delapena`s icon based software providing the operator with a conversational touchscreen interface.



## Welcome to the delapena group

delapena group are leading honing specialists in the UK and around the world.

We design and manufacture a wide range of standard and bespoke honing machines, tooling and abrasives for the Automotive, Aerospace and other manufacturing sectors.

Our services include application development, bespoke tooling design, process engineering, tooling refurbishment, maintenance, consultancy and training.



## Contents

Page 3 - Introducing intelligent honing

Page 4 - Features & benefits

Page 5 - Conversational flow

Page 6 - iHone icons

## intelligent honing

delapena brings you iHone; a graphical icon based machine interface designed to simplify the process of programming our honing machines. Using Siemens' touchscreen technology we now offer a conversational style interface that is easy to use, but still packed with features.

Much of our honing knowledge and best practices are baked into the iHone system, included are on-screen help pages enabling the operator to diagnose geometry and finish issues on the machine. The controller allows for extensive program storage enabling fast setup of repeat work maximising productivity.



## intelligent honing

Large icon based function keys allow you to modify honing data on the fly and access in-process features.

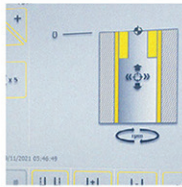
In process monitors allows you to determine machine status at a glance from motor torques to cycle-time monitors.

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

Parameters are entered in a logical order and all pages accompanied by clear graphics to highlight the effect of each parameter.

The lower panel contains primary functions such as cycle time, mode select & emergency stop buttons.

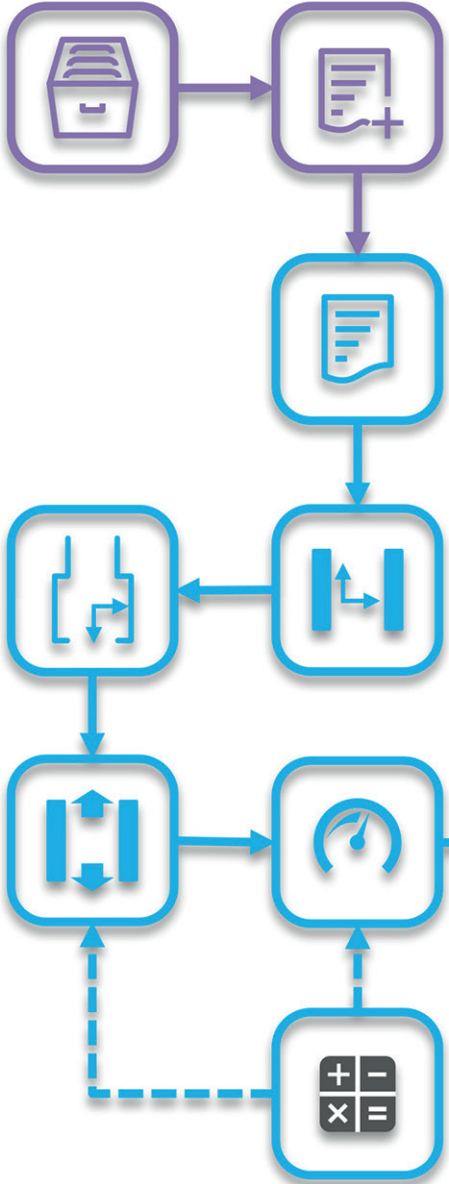
All this is facilitated by a Siemens touchscreen panel that can be maneuvered to suit the operator.



Create a program or recall one from the library.

Enter part parameters & tooling parameters.

Enter honing positions & speeds or have the control calculate some of them for you...





Integrated help pages and many other functions provide a complete and intuitive interface...

Monitor the cycle from the feedback screen.

Set part datums at the touch of a button.

Touch on automatically ready to hone



delapena group

honing/sintering/grinding

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