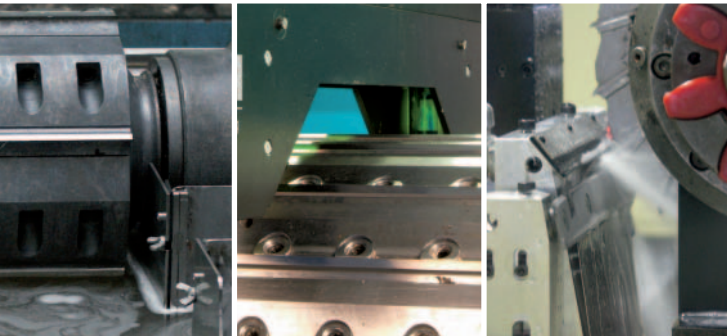


ICA-HSM-ECO 680/1380

Planing head grinding machine

Fully automatic, fully encapsulated CNC planing head grinding machine of the latest generation, with linear and rotational CNC axes, variable sliding feed, automatic variable division and automatic in-feed. For grinding planing shafts and planing heads.

- Grinding of planing shafts;
- Grinding of planing heads;
- Universal mounting for planing heads (with bearings) and hydroclamping can be used without change;
- Dividing unit linearly guided, mountable on both sides;
- Division variably adjustable;
- Intelligent grinding sequence of individual blades, selectable, for reduction of plane cut;
- Fully automatic in-feed;
- Steplessly adjustable grinding disc speed; (optional);
- Steplessly adjustable feeds;
- Automatically optimised grinding process;
- 2nd cut (renewed grinding without scratching);
- Graphical control desk with user guidance;
- Adaptable to all planing shaft systems (fixed axles and bearings, hydroclamping);
- Fully encapsulated

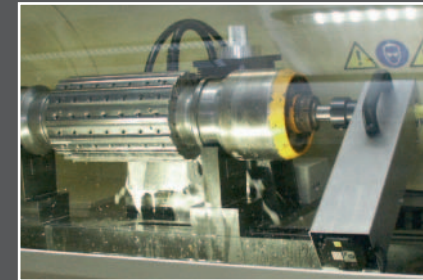


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Planing head grinding machine

ICA-HSM-ECO 680/1380



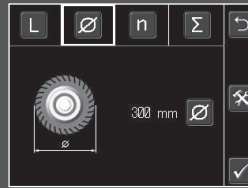
The new generation.

OPTIONS

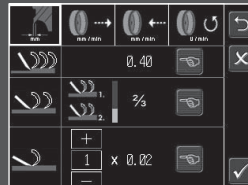
- Fully automatic puller (manual deburring after sharpening no longer required);
- Automatic stepless control of grinding disc speed (speed of grinding disc can be steplessly adjusted to rate of feed and cutting material);
- Remote maintenance via Internet (faults or programme modifications can be quickly and economically eliminated or executed).

Customer-specific variations also available.

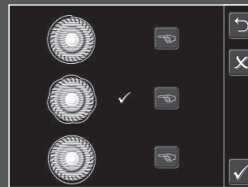
Just ask us.



Parameter input



Grinding settings



Grinding mode



Optimised grinding sequence

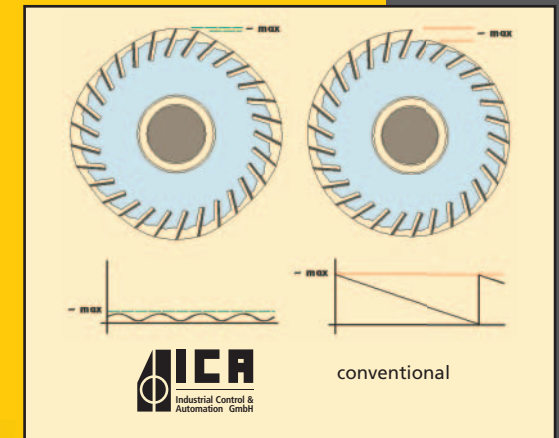


Machine service

TECHNICAL DATA

Tool diameter	160 – 400 mm
Grinding length	up to 680 mm
Grinding motor	1.1 kW
Grinding disc speed	2800 / 500 – 6,400 rpm
Cooling system with fill level monitoring:	approx. 130 l
Cooling rate:	approx. 50 l/min
Compressed air:	8 – 10 bar
Weight:	approx. 3,000 kg
Size L x W x H:	approx. 2,000 x 1,900 x 2,600 mm
Power installed:	400 V / 50 Hz / approx. 5 kW

DIAGRAM



Plane cut

