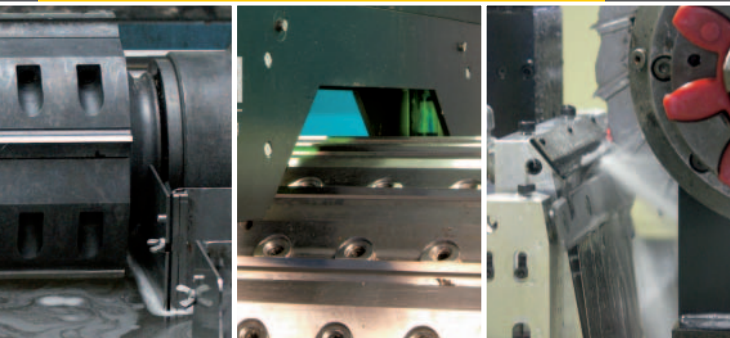


ICA-HWM 2-US

Planing head washing machine - ultrasonic

Planing heads / planing shafts are important and cost-intensive tools in wood processing. The cleaning of these tools is crucial for maintaining the quality of the tools, particularly prior to re-sharpening.

- High-power ultrasonic vibratory unit including ultrasonic generator;
- Variably usable upper tank;
- Thermostat-controlled heating element;
- Cleaning agent volume approx. 220–400 l;
- Variable rotational direction of the tools;
- Variable tool speed;
- Variable power of the ultrasonic vibratory unit;
- Adjustable supports for differing tool lengths;
- Cleaning agent delivery rate approx. 30 l/min;
- Integrated filter unit;
- Fill-level monitoring of upper tank;
- Minimum fill-level monitoring to protect the ultrasonic vibratory unit;
- Thermometer



ICA Industrial Control & Automation GmbH
Alter Holzhafen 15
23966 Wismar
Germany
Tel.: +49 (0)3841-758 2450
Fax: +49 (0)3841-758 2452
E-mail info@ica-gmbh.eu
www.ica-gmbh.eu



Planing head washing machine - ultrasonic

ICA-HWM 2-US



The better alternative.

OPTIONS

Your advantage:

- Planing shaft bearings are protected during the cleaning process and not wetted by the cleaning fluid;
- Continuous, gentle but thorough cleaning before each grinding process increases your grinding quality and facilitates maintenance of the planing heads; (removal/insertion of the blades)
- Short cleaning times;
- Fully automatic, no manual cleaning effort;
- Sparing use of the cleaning agent

Planing head resin-encrusted and sticky with wood dust



Planing head in the cleaning tank

WASHING PROCESS

Intensive cleaning by means of ultrasound ICA-HWM 2-US

Dirty planing heads (wood dust, glue, resin-encrusted and sticky) can be quickly, thoroughly and environmentally cleaned directly from the production process, with the ICA-HWM 2-US planing head washing machine. The unit can also be used for cleaning other tools such as dovetail milling cutters.



Condition directly after switching on the ultrasonic vibratory unit



Condition after the cleaning process by means of the ultrasonic vibratory unit (approx. 15–20 minutes without additional mechanical effort (cloths, brushes, etc.), using an additive with a concentration of 0.7%).

RESULT

A cleaning condition is attained which cannot be achieved by means of conventional methods (use of resin removers and mechanical cleaning with a brush) even after 0.5 h (grooves, screws, etc. are free).



PLANING HEAD WASHING MACHINES



Available in variations for two planing shafts of different lengths or to customer specification

