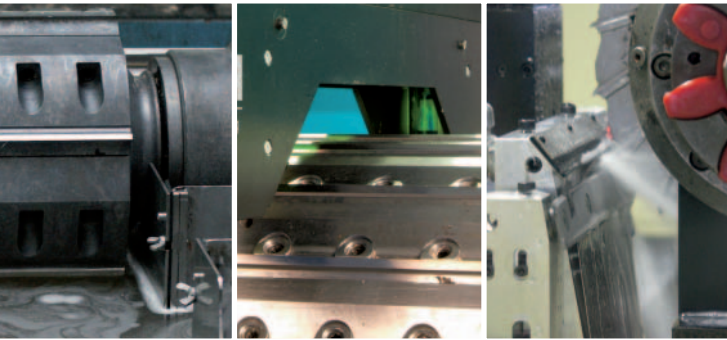


## ICA-SWM 900

### Ultrasonic saw-blade cleaning tank

Saw-blades are used nowadays in numerous fields. Many purposes for which these tools are used cause heavy soiling, which must be removed prior to sharpening. This often involves tedious and time-consuming labour. The ICA-SWM 900 machine automates this procedure and significantly reduces the amount of manual work.

- High-performance ultrasonic vibrator including ultrasonic generator
- High-performance pump for cleaning surfaces through circulation of cleaning solution
- Simple handling thanks to integrated tool lift (parts mounted on work mandrel)
- Cleans saw-blades in wide range of diameters (max. 900 mm) and different bore sizes
- Also suitable for cleaning other rotary parts (small hydro plane heads, dovetail cutters, fan wheels, etc.)
- Thermostat regulation of heating element
- Holds approx. 400 litres of cleaning solution
- Variable tool rotation direction
- Variable tool speed
- Variable ultrasonic agitation level
- Integrated filter unit
- Reserve tank gauge
- Minimum-level monitoring to protect ultrasonic vibrator



- Thermometer
- Optional lift-operated parts basket to hook over edge of tank



## Ultrasonic saw-blade cleaning tank

### ICA-SWM 900



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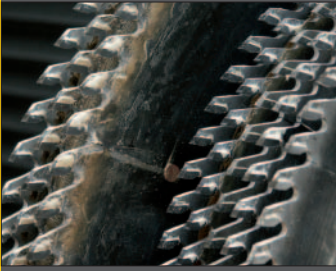
*The better alternative.*

## Options

### Benefits for you:

- Regular, thorough cleaning prior to every resharpening process improves the sharpness
- Simple handling thanks to integrated tool lift
- Several saw-blades can be cleaned simultaneously (about 27 saw-blades on average per cleaning session – depending on the thickness of the steel blade)
- Short cleaning cycles
- Fully automatic, no manual cleaning required
- Economical use of cleaning solution

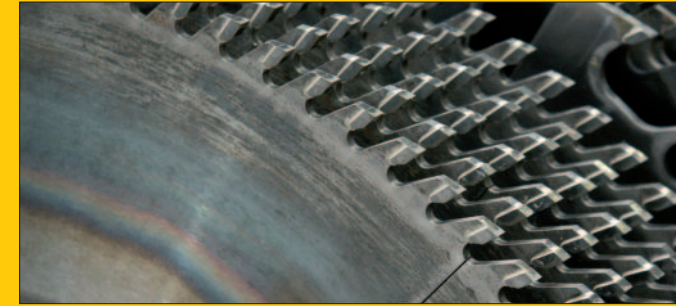
Saw-blade  
sticky and covered in resin



## Cleaning process

### Intensive ultrasonic cleaning method ICA-SWM 900

Heavily soiled saw-blades (covered in sawdust, glue, resin or sap) can be transferred to the ICA-SWM 900 cleaning tank immediately following the production sequence for fast, intensive and environmentally friendly cleaning. The cleaning process is fully automatic and thorough (and completely removes grease and oil, too). The tank can also be used for cleaning other unrelated tools, such as small hydro plane heads, dovetail cutters, fan wheels and miscellaneous rotary objects. The optional basket, which is hooked over the edge of the tank and operated by means of the tool lift, extends usage to include cleaning of other items.



Final result following immersion process using ultrasonic vibrator and surface agitation (about 20–60 minutes without the need for any extra mechanical work such as brushing, etc., using a cleaning solution in a 1% concentration).

## Outcome

The result is a state of cleanliness that cannot even be achieved in three hours, using in some cases conventional agents such as resin remover or mechanical cleaning methods involving wire brushes, or similar.



## Saw-blade cleaning tank

