**OP-FC 300**
your allround machine for hand chamfering, grinding, lapping and polishing

machine description

- Machine for manual chamfering, grinding, lapping and polishing which is also very appropriate for manual flatness or wedge correction
- Traverse stiffened aluminum profile construction with integrated control cabinet
- Massive tabletop area with room for documentation, blanks and finished parts on both sides
- Integrated drawers for storage of tools, holders and measurement devices
- Infinitely variable speed control of grinding, beveling or polishing tools
- LED illuminated workstation
- Integrated vacuum workpiece holder with vacuum tweezers in 8 different sizes
- In production switch between through spindle coolant unit or droplet lubrication possible
- Automatic water tank filling with level control display
- Integrated Waste tank with level control display
- Spindle blocker for quick tool changes
- Spindle drive can be additionally switched on/off over foot pedal
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additional machine options

- Additional tank for cerium or
diamond slurry with integrated
stirrer and heating option
- Radio & MP3 player with
Audio and USB jack
- Self-configurable tablet for
displaying of drawings,
documents, work instructions
or for connections with your
ERP System
- Spring-Arm Magnifying
LED-Lamp for checking small
workpieces
- Microscope with LED-cold light
source for inspection
- Table top height adjustable
from 800 mm to 1200 mm for
working seated or in upright
position
- Additional modules and
equipment on request

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Dimension (L x T x H in mm)</th>
<th>1500 x 800 x 800</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tool diameter</td>
<td>max. 250 mm</td>
</tr>
<tr>
<td>Sink diameter</td>
<td>300 mm</td>
</tr>
<tr>
<td>RPM of Tool spindle</td>
<td>max. 1400 U in min -1</td>
</tr>
<tr>
<td>Thread on tool spindle</td>
<td>M16 (metric)</td>
</tr>
<tr>
<td>Vacuum tweezers (Ø in mm)</td>
<td>from 3 mm to 20 mm</td>
</tr>
<tr>
<td>Power Supply</td>
<td>400 V – 3 Phases – 50 Hz – 16 A</td>
</tr>
<tr>
<td>Weight</td>
<td>170 kg (375 lbsd)</td>
</tr>
<tr>
<td>Color (as standard)</td>
<td>light grey</td>
</tr>
<tr>
<td>Water tank volume</td>
<td>3 Liter, with direct fresh water connection for refill</td>
</tr>
</tbody>
</table>

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