

Lapping- and Polishing machine

with horizontal overarm and NC-control

HC 75 – with supporting weights

Machine Characteristics

- Multi-spindle processing machine for workpieces for lapping and polishing
- Parameters can be stored in 300 recipes to reduce set-up times and increase process reliability and reproducibility
- Programmable sequences (pressure, speed, time control)
- Over arm movements individually programmable via NC-control
- Stroke, over arm position and speed adjustable during the process adjustable during the process
- Over arm movement via servo drive with planetary gear
- Touch display for parameter input and notice
- Large parameter spectrum enables efficient use of modern tools and operating equipment
- Interface for process data output (archiving of process and machine data), OPC-UA standard
- Connection to other systems, e.g. measuring equipment
- Working pressure adjustment via supporting weights
- Pneumatic spindle locking device
- Tool spindle made of stainless steel
- Stainless steel basin
- Polishing agent distributor, circulation lubrication prepared



Options

- Working pressure indicator
- Lever pull-out position indicator

Technical Details

	HC 75-5	HC 75-6
Number of spindle	5	6
Basin size in mm (inch)	1025 x 224 (40.35x8.82)	1225 x 224 (48.23x8.82)
Spindle sleeve in min⁻¹	0 - 450	0 - 450
Eccentric stroke frequency in stroke/min⁻¹	0 - 75	0 - 75
Distance – Spindle – centre of overarm in mm (inch)	175 (6.89)	175 86.89)
Stroke on ball pin in mm (inch)	0 - 50 (1.97)	0 - 50 (1.97)
Working pressure in N		
Overarm (unloaded)	0	0
Sliding weight	5 - 15	5 - 15
Main spindle thread	M16 DIN 58725	M16 DIN 58725
Power requirement in kW	2,6	2,8
Ball pin in mm (inch)	Ø 8 (0.32) mm / M8	Ø 8 (0.32) mm / M8
Weight in kg	481	621
Dimensions (WxdxH) in mm		
without Touch-Display	1295 x 1030 x 960	1495 x 1030 x 960
with Touch-Display	1295 x 1030 x 1750	1495 x 1030 x 1750
Paint finish (standard)	Light grey RAL 7035	Light grey RAL 7035

Tools and accessories can be found in our current catalogue or on request



Stock Konstruktion GmbH | Am Stollenbach 7-9 | 65623 Schiesheim-Zollhaus - Germany
Telephone: +49 (0) 6430-92391-0 | E-Mail: info@stock-konstruktion.de | www.stock-konstruktion.de

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