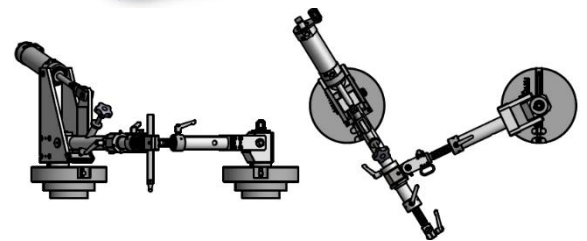


Lapping- and Polishing machine with double eccentric and double overarm

D 500 – with sliding weight or pneumatic arm

Machine Characteristics

- Single or multi-spindle processing machine
- for grinding, lapping and polishing
- Touch display for parameter input and display
- All parameters can be stored (product database)
- Interface for process data output (archiving of process and machine data), OPC-UA standard
- All drives individually controllable
- Programmable sequences (pressure, speed, time control)
- Working pressure adjustment via sliding weight or alternatively pneumatic arm
- Stroke distance and position of the eccentric movements are easily adjustable according to clear scales
- One-hand lifting lift out device for the overarm(s) (for sliding weight)
- Pneumatic lifting and lowering of the overarm(s) (for pneumatic arm)
- Spindle locking device
- Plastic tank
- Polishing agent distributor



Schematic diagram of over arm system

Options

- → see separate options list

Technical Details

	D 500-1	D 500-2
Number of spindle	1	2
Basin size in mm (inch)	700 (28") x 1000 (39")	700 (28") x 1000 (39")
Main spindle in min⁻¹	5 - 75	5 - 75
Eccentric plate in min⁻¹	5 - 75	5 - 75
Distance Spindle – center arm in mm (inch)	235 (9.25")	235 (9.25")
Stroke ball all pin in mm (inch)	0 - 200	0 - 200
Working pressure in N		
Overarm (unload)	0	0
Sliding weight	50 - 120	50 - 120
Pneumatic arm	100 - 650	100 - 650
Main spindle thread	M39 DIN 58725	M39 DIN 58725
Power requirement in kW	4,5	17,8
Ball pin	Ø 12 (0.47") mm / M12	Ø 12 (0.47") mm / M12
Weight in kg	870	1389
Dimensions (W x D x H) in mm		
without Touch-Display	1330 x 1300 x 1650	2630 x 1300 x 1650
with Touch-Display	1330 x 1300 x 1690	2630 x 1300 x 1690
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

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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