

# Lapping- and Polishing machine with double eccentric and double overarm

D 125 – 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 125-2             | D 125-4             |
|---|---------------------|---------------------|
| <b>Number of spindle</b>                          | 2                   | 4                   |
| <b>Basin size in mm (inch)</b>                    | 200 (8")            | 200 (8")            |
| <b>Main spindle in min<sup>-1</sup></b>           | 30 - 450            | 30 - 450            |
| <b>Eccentric plate in min<sup>-1</sup></b>        | 5 - 75              | 5 - 75              |
| <b>Distance Spindle – center arm in mm (inch)</b> | 160 (6")            | 160 (6")            |
| <b>Stroke ball all pin in mm (inch)</b>           | 0 – 100 (4")        | 0 – 100 (4")        |
| <b>Working pressure in N</b>                      |                     |                     |
| <b>Overarm (unload)</b>                           | 0                   | 0                   |
| <b>Sliding weight</b>                             | 5 - 10              | 5 - 10              |
| <b>Pneumatic arm</b>                              | 5 - 18              | 5 - 18              |
| <b>Main spindle thread</b>                        | M27 DIN 58725       | M27 DIN 58725       |
| <b>Power requirement in kW</b>                    | 1,75                | 3,30                |
| <b>Ball pin</b>                                   | Ø 8 (0,3") mm / M8  | Ø 8 (0,3") mm / M8  |
| <b>Weight in kg</b>                               | 400                 | 700                 |
| <b>Dimensions (W x D x H) in mm</b>               |                     |                     |
| <b>without Touch-Display</b>                      | 1010 x 780 x 1400   | 1560 x 780 x 1400   |
| <b>with Touch-Display</b>                         | 1010 x 780 x 1615   | 1560 x 780 x 1615   |
| <b>Paint finish (Standard)</b>                    | Light grey RAL 7035 | Light grey RAL 7035 |

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

