

Lapping- and Polishing machine

With parallelogram lever

PH 350

Machine Characteristic

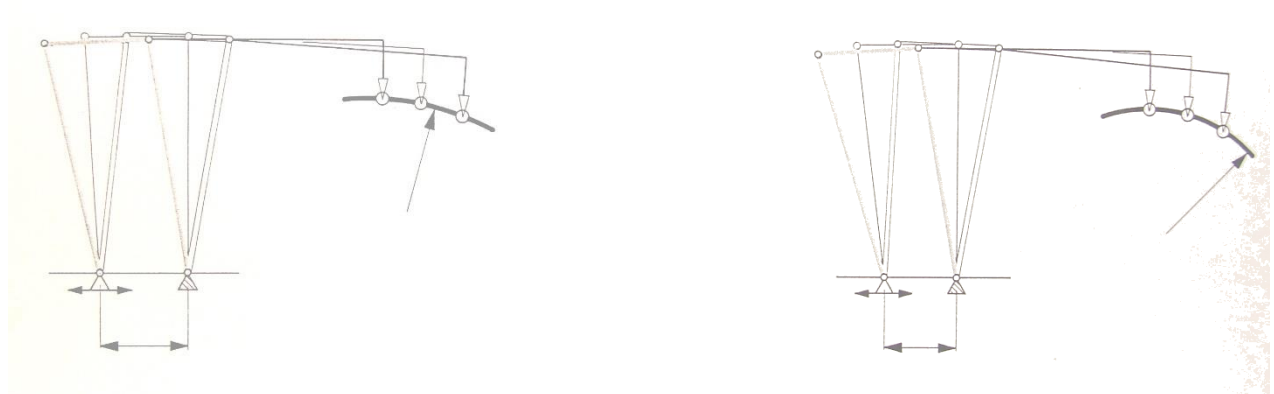
The PH 350 is characterized by a lever mounted on an oscillating parallelogram. By adjusting two pivots of this parallelogram, it is possible to set both a rectilinear and a radial movement of the tool.

In the PH series machines, the movement of the workpiece is adapted to any radius up to the flat surface.

- Fully enclosed work area
- Lever movement adapted to the workpiece radius
- Radius adjustment of the lever arm via threaded spindle
- Stable frame in welded construction
- Powerful spindle and eccentric drives, infinitely variable independently of each other
- Highest running smoothness of the spindle due to Poly-V belt drive
- Laterally swiveling polishing pin
- Spindle lock
- Pneumatic working pressure generation
- Eccentric stroke size and position adjustable
- Reproducible setting of all machine parameters by scales or displays
- Easily removable stainless steel splash guard
- Suspension circuit through the quill (top), and/or laterally via flexible tube
- Touch Screen Display for the user-friendly input of the parameters:
 - Machining pressure
 - Machining time
 - Spindle speed
 - Eccentric speed



Product database for recording the process parameters stored in the control system.



Options

- → See separate options list



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Technical Details

	PH 350 - 2
Number of spindle:	2
Basin diameter in mm:	550 x 540
Spindle speed in min ⁻¹	40 – 600
Eccentric speed in min ⁻¹	5 – 60
Workspace ø in mm:	250 for grinding and fast polishing 350 for conventional polishing
Radius range in mm:	R ± 120 to plan
Oscillation frequency in Hübe/min:	23
Oscillation stroke in mm:	70
Working pressure in N:	50 - 800
Operation pressure in bar:	4 - 6
Main spindle connection thread DIN 58725:	M39
Ball pin:	Ø 12 mm / M12
Power requirement in kW:	13,2
Dimension (WxDxH) in mm:	1600 x 1750 x 1600
weight in kg:	1070
Paint finish (standard):	light grey RAL 7035

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

