

# Pellet grinding- and polishing machine

PSP 500

## Machine Characteristics

- stable frame in welded construction
- extremely wide working disc bearing eliminates deformation of the work disc
- High-performance working disc and eccentric drives, infinitely variable independently of each other, with speed displays
- Highest running smoothness of the working disc due to poly V-belt drive
- Height adjustment of the lever arm via threaded spindle
- Lateral swiveling of the lever arm possible, locking device can be operated from the front
- Timer for automatic termination of the processing time
- Pneumatic working pressure generation
- Eccentric stroke size and position adjustable
- Reproducible setting of all machine parameters by scales or displays possible
- Table top and boiler made of plastic
- Easily removable splash guard attachment
- Suspension circuit through the quill (top), through the work spindle and laterally and/or via flexible tube



## Options

- → See separate options list

## Technical Details

PSP 500	
<b>Tool diameter:</b>	500 mm
<b>Workpiece height:</b>	max. 360 mm
<b>Basin size:</b>	700 mm
<b>Spindle speed, steppless:</b>	100 - 700 min <sup>-1</sup>
<b>Oscillation frequency:</b>	8 – 30 HÜBE/min
<b>Oscillation range:</b>	max. 195 mm
<b>Adjustable expiration time:</b>	1 sec – 160 h
<b>Working pressure:</b>	max. 4400 N
<b>Operating pressure:</b>	6 bar
<b>Pressure ball pierced:</b>	18 mm – DIN 58727
<b>Tool holder:</b>	PBS-System - Ø 410 mm
<b>Power requirement in kW:</b>	7
<b>weight in kg:</b>	921
<b>Dimensions (WxDxH) in mm:</b>	
without Touch-Display	1300 x 1200 x 1700
with Touch-Display	1300 x 1200 x 1730
<b>Paint finish (standard):</b>	Light grey RAL 7035

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



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