

# ASP-631F version SL5



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Specialised grinder  
for automatic sharpening  
of mills controlled in 5 axes

Welcome to the world of sharpening...



## ASP-631F version SL5

**Specialised grinder for automatic sharpening of mills controlled in 5 axes**

Automatic grinder ASP-631F (SL5) is designed for sharpening mills and other tools with blades formed along a helical path. This is a 5-axis machine, where 3 axes can work at the same time. It is used for grinding rake and clearance surfaces of screw blades with inclination angle of a helical path within the range from 0° to 90°. It is possible to grind spherical and contouring surfaces. The range of diameters of ground items is up to 160 mm.

### TECHNICAL DATA

Longitudinal pass (axis X)	370 mm
Transverse pass (axis Y)	350 mm
Vertical pass (axis Z)	340 mm
Rotation angle of a gripping head (axis A)	any
Rotation angle of a spindle of grinding wheels y (axis B)	any
Drive power of a grinding wheel	1,1 kW
Rotation speed of a grinding wheel	Max 3574 min. <sup>-1</sup>
Diameter of grinding wheel	Max. 150 mm
Diameter of attachment of a grinding wheel	20 mm
Speed of operating pass	0.2-2 m/min
Value of gain during sharpening	0-0,99 mm
Number of programmable sharpening passes	0-99
Number of programmable spark-out passes	0-9
Total installed power	1,5 kW
Capacity of a coolant container	40 l
Grinding wheel dimension: length x width x height	1500 x 1800 x 1920mm
Machine weight	730 kg

