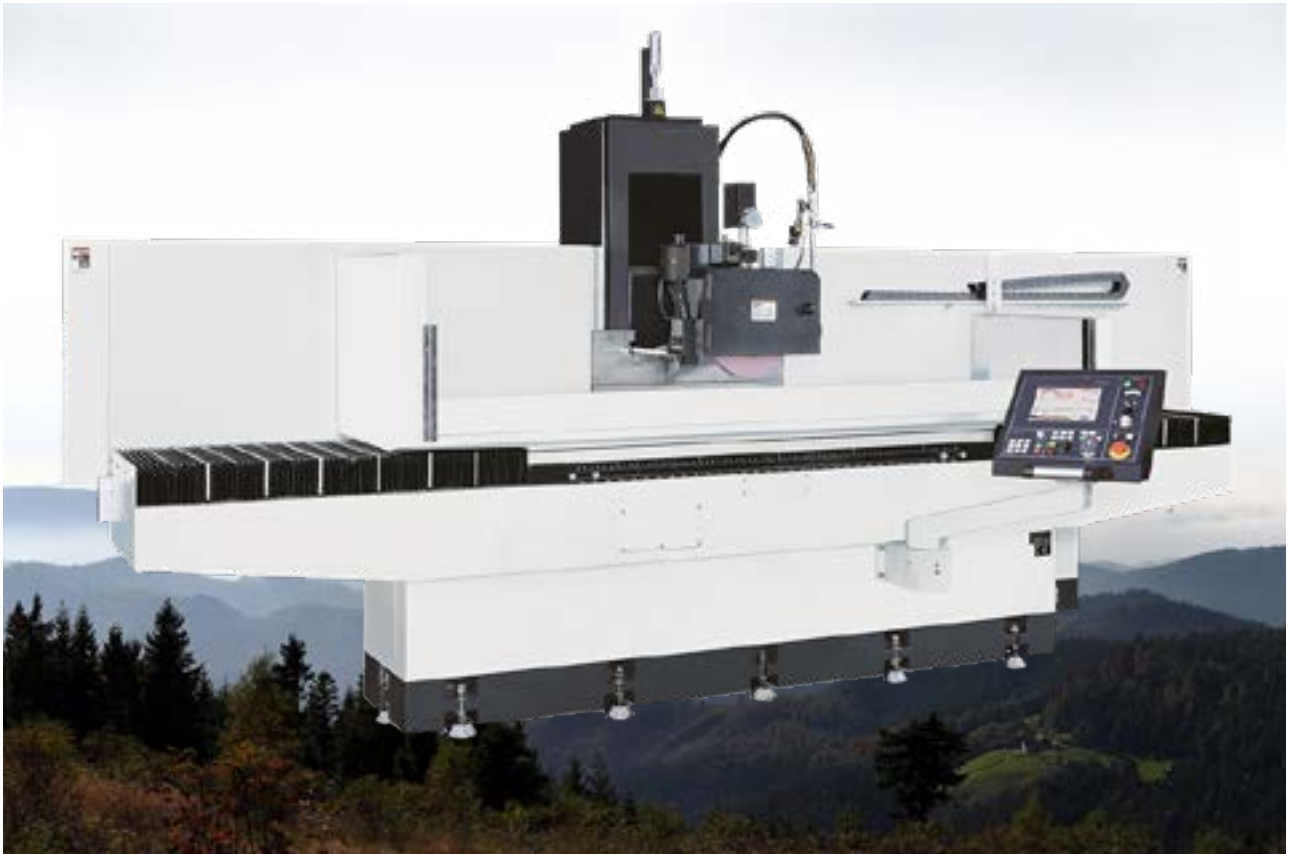


HIGH-PERFORMANCE FLAT GRINDING MACHINE

FSG AD IV 2048/2064

FSG AD IV 2048/2064 Order no: 630870/630871



ALL HIGHLIGHTS AT A GLANCE

- Spindle motor AC-servo
- Infinitely variable spindle speed
- Vertically over AC servo motor, CNC axis
- Internal resolution 0,001
- Transversal over servo motor with „Teach in“ for wide limitation
- Longitudinal hydraulic
- Electronic handwheel for vertical and transversal
- Minimum delivery vertical 0.001 mm
- Dressing with diamond, mounted on the table
- Jog-movement buttons for all 3 axes
- Mask input for cycles: Flat : grinding
Cross grinding
Plunge grinding
- Integrated „dynamic“ balancing of the grinding disk in the machine.
- Load and vibration monitoring

Further information on the machine series and numerous accessories can be found on our website:
<https://www.wagner-maschinen.de/en/grinding>

TECHNICAL DATA

- Grinding length 1.200/1.600 mm
- Grinding width 500 mm
- Table traverse path 1.300/1.700 mm
- Transverse travel of 560 mm
- Vertical travel 560 mm
- Maximum distance spindle centre – table surface 730 mm
- Distance table – floor 900 mm
- Workpiece weight without magnetic plate 1.250/1.580 kg
- Workpiece weight with magnetic plate 930/1.100 kg

Table

- Table size 500 x 1.200/500 x 1.600 mm
- T-slots 14 x 170 x 3
- Longitudinal: Adjustable table speed 5-30 m/min.

- Transverse: Automatic feed 0,001-32 mm
- Smallest increment 0,001 mm
- Speed 0-2,250 mm/min

Delivery

- Automatic feed 0-675 mm/min
- Smallest increment 0,001-0,04 mm
- Spindle speed 500-2.200 rpm
- Spindle motor 11 kW
- Dimensions of the grinding disk 405x50x127 mm
- Pneumatics 30 KVA
- Y-/Z-axis, motors
- Hydraulic motor
- Installation surface (LxWxH) 4.600 x 2.837 x 2.200/5.200 x 2.837 x 2.200 mm
- Weight 6.400/8.000 kg

STANDARD EQUIPMENT

- Raised splash guard left and right
- 1 grinding disk flange
- 1 grinding disk
- 1 balancing arbour
- Grinding disk flange pressure release device
- Toolbox with operating tools
- 1 set of levelling screws with nuts and adjusting blocks
- Operating instructions and spare parts list
- CE-standard

SPECIAL EQUIPMENT

- Electromagnetic plate
- Adjustable adhesive force and automatic demagnetisation (Chuck Control)
- Machine light
- Wet grinding unit with automatic fleece roller - filter system 120L
- Wet grinding unit with automatic fleece roller - filter system 250 L
- Dressing of the grinding disk on the table, with compensation
- Full enclosure
- Grinding disk flange with balancing weights

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We reserve the right to make design changes in the course of technical improvements. Illustrations, dimensions and weights are not binding.