

GRINDING & POLISHING MACHINE

SAPHIR 550 / RUBIN 520



The SAPHIR 550 with RUBIN 520 is a single wheel grinder and polisher of recent generation with an innovative grinding and polishing head for working wheels Ø 250-300 mm.

The head RUBIN 520 is equipped with an automatic protective hood and sets a new standard for operational safety. Single and central pressure, memory function, integrated dosing system, material removed measurement are only a few of the possibilities.

Motor-driven height setting with pneumatic clamping and all characteristics of the basic unit Saphir 350 meet the highest demands. The removal height can be pre-determined with 0.01 mm accuracy. The material removed measurement takes place automatically. After reaching the preset value, the machine switches off.

PRODUCT ADVANTAGES

- | Single wheel grinder/polisher with Rubin 520
- | Single and central pressure
- | Variable speed of working wheel and polishing head
- | Electronic control with touch screen
- | Programmable memory
- | Polishing head with clockwise/counter-clockwise rotation
- | Memory function for side and height adjustment
- | Automatic front cover for safety

FEATURES

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| Working wheels | Ø 200 - 300 mm |
| No. of samples (single pressure) | 1-6 samples Ø 50 mm |
| Single pressing force | variable, 5-100 N |
| Central pressing force | variable, 20-400 N |
| Connection power | 3.2 kVA |
| Drive power (base) | 0.75 kW S6/40% |
| Drive power (head) | 0.17 kW S1 |
| Speed (grinder) | 50 - 600 rpm |
| Speed (head) | 30 - 150 rpm |
| W x H x D | 560 x 550 - 650 x 660 mm |
| Weight | ~ 85 kg |
| Water connection | 1x fresh water connection R½" max. 6 bars |

www.qatm.com/saphir550