

Brenner 818 RAD Rapid Feed Surface Grinding Machine



The Brenner RAD Rapid Feed Surface Grinding Machines are produced with highly rigid cast iron body ensuring maximum rigidity. Both the longitudinal and cross feeds are automatic while the vertical feed is manual with a rapid feed function. They are designed to operate with low vibration, high accuracy and low maintenance requirements and include centralised one-shot lubrication. A permanent magnetic chuck, coolant system and a halogen working light are all standard equipment.

Features

- Highly rigid cast iron body
- Automatic longitudinal feed
- Automatic cross feed
- Manual vertical feed with rapid feed
- Permanent magnetic chuck
- Ball bearing guideways
- Central lubrication system
- Coolant system
- Halogen work light
- Grinding wheel included

Technical Specification

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| MODEL | 818 RAD |
| Working surface of table mm | 200 x 460 |
| Max longitudinal travel mm | 510 |
| Max cross travel mm | 238 |
| Max table load (incl. magnetic chuck) kg | 120 |
| Distance between table & spindle centre mm | 450 |
| Longitudinal automatic feed range m/min | 7 - 23 |
| Cross automatic feed range mm/min | 0.1 - 8 |
| Cross rapid speed mm/min | 990 |
| Cross handwheel feed rate mm/div | 0.02 |
| Vertical rapid speed mm/min | 460 |
| Vertical handwheel feed rate mm/div | 0.005 |
| Grinding wheel size mm | 200 x 20 x 31.75 |
| Spindle speed rpm | 2850 |
| Spindle motor kW | 1.5 |
| Length mm | 2050 |
| Width mm | 1400 |
| Height mm | 1675 |
| Weight kg | 1600 |