

Brenner 1640 HAD Auto Feed Surface Grinding Machine



The Brenner HAD Rapid Feed Surface Grinding Machines are produced with highly rigid cast iron body ensuring maximum rigidity. These models feature automatic feed on longitudinal, cross and vertical axes. 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
- Automatic vertical 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 | 1640 HAD |
| Working surface of table mm | 406 x 1020 |
| Max longitudinal travel mm | 1130 |
| Max cross travel mm | 450 |
| Max table load (incl. magnetic chuck) kg | 600 |
| Distance between table & spindle centre mm | 580 |
| 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 automatic feed speeds mm | 0.005, 0.01, 0.02, 0.03, 0.04, 0.05 |
| Grinding wheel size mm | 350 x 40 x 127 |
| Spindle speed rpm | 1450 |
| Spindle motor kW | 5.5 |
| Length mm | 4400 |
| Width mm | 2400 |
| Height mm | 1890 |
| Weight kg | 4000 |