

Brenner 1640 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

MODEL	1640 RAD
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 rapid speed mm/min	460
Vertical handwheel feed rate mm/div	0.005
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