

BRENNER

Autofeed Surface Grinding Machine

The Brenner Range of Autofeed 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 can be specified as manual, manual with a rapid feed function or fully automated. 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.

Brenner 818 HAD Auto Feed Surface Grinder featuring optional extras:

**SINO 2-Axis Digital Readout
Balance Stand
Full Height Splash Guard**





Machine Features

- Highly rigid cast iron body
- Automatic longitudinal feed
- Automatic cross feed
- Manual vertical feed (RAD models)
- Automatic vertical feed (HAD models)
- Permanent magnetic chuck
- Ball bearing guideways
- Central lubrication system
- Coolant system
- Halogen work light
- Grinding wheel included
- Wheel Dresser Stand
- Operating Tools & Tool Box

Optional Equipment

- Balancing Stand
- Magnetic Separator
- Dust Extraction System
- Parallel Wheel Dresser
- SINO 2-Axis DRO
- Extra Flange
- Full Height Splash Board



RAD Controller



HAD Controller

TECHNICAL SPECIFICATIONS

MODEL		818 MAD	1020 MAD	1225 MAD	1240 MAD	1632 MAD	1640 MAD
		818 RAD	1020 RAD	1225 RAD	1240 RAD	1632 RAD	1640 RAD
		818 HAD	1020 HAD	1225 HAD	1240 HAD	1632 HAD	1640 HAD
Working Surface of Table	mm	200 x 508	254 x 508	305 x 635	305 x 1,020	406 x 813	406 x 1,020
Magnetic Chuck Size	mm	200 x 460	250 x 500	300 x 600	300 x 1,000	400 x 800	400 x 1,000
Max. Distance between Table Surface and Spindle Centre	mm	450	450	580	580	580	580
Max. Cross Table Travel	mm	240	275	340	340	450	450
Max. Longitudinal Travel	mm	560	560	765	1,130	910	1,130
Max. Table Loading (including Magnetic Chuck)	kg	180	180	270	400	500	600
Speed of Table (Longitudinal Travel)	m/min	5 - 25					
Cross Motion							
Intermittent Feed Rate	mm/t	0.1 - 8					
Rapid Speed	mm/min	990					
Feed of Handwheel	mm/div	0.02					
Vertical Motion							
Auto down feed rate	mm/t	HAD Series: 0.005 - 0.5					
Rapid down speed	mm/min	RAD Series: 650 / HAD Series: 480					
Feed of Handwheel	mm/div	0.005					
Spindle Rotating Speed	r/min	2,850 (50HZ) 3,450 (60HZ)			1,450 (50HZ) 1,750 (60HZ)		
Grinding Wheel Size	mm	200 x 20 x 31.75			350 x 40 x 127		
Spindle Motor Power	kw	2.2			4		
Length	mm	2,300		2,900	4,400	3,600	4,400
Width	mm	1,600		2,200	2,200	2,400	2,400
Height	mm	1,675		1,900	1,900	1,900	1,900
Weight	Kg	1,650	1,800	2,800	3,200	3,400	3,700