

# BAUER INDUSTRIAL EQUIPMENT LTD.

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Celebrating quality products  
 at competitive prices since 1973!



## MICROCUT Model PBM-GEVS Series

Heavy Duty, Vertical/Horizontal, Knee-type Milling Machines

### FEATURES

- Japanese Yaskawa inverter provides direct drive from motor and infinitely-variable spindle speeds
- 5HP or 7.5HP horizontal spindle motor
- Extra wide 36" saddle for smooth movement and support of heavy loads
- Hardened & ground slideways
- Spindle tapping device
- Ball screws and adjustable backlash on X & Y axes
- Built-in Japanese Yaskawa servo motors on X, Y & Z axes
- Z axis table up/down rapid traverse motor
- Automatic lubrication pump for vertical head and slide-ways
- Extra large 14.6" x 58" table size
- Align air power drawbar



### SPECIFICATIONS

	<u>PBM-GEVS500A</u>	<u>PBM-GEVS600A</u>
Table Size	14.6" x 58"	
Table Travel - manual (X,Y,Z)	44", 20.5", 17.3"	44", 24", 17.3"
Ram Travel	23.6"	
Vertical Spindle -		
Speed Range	0-480-3600 RPM (inverter variable)	
Taper	NST 40	
Quill Travel	5.5"	
Feeds	0.0014", 0.0028", 0.0055"/rev	
Motor	5HP	
Swivel -		
Head	45 deg. (R & L)	
Horizontal Spindle -		
Speed Range (9 steps)	65 – 1500 RPM	
Taper	NST 40	NST 50
Motor	5 HP	7.5 HP
Table Feed Range -		
Long./Cross	1.2" – 118"/min (variable)	
Vertical	1.2" – 45"/min (variable)	
Electrics	220/440/60/3 Ph	
Longitudinal/Cross & Vertical Feed Motors	1 HP	
Coolant Motor	1/8 HP	
Weight	5900 lbs.	6100 lbs.

### STANDARD ACCESSORIES

Built-in longitudinal, cross & vertical power feed	Built-in table elevating motor	Halogen work-light
Coolant system with chip tray	Align air-power drawbar	Pendent control
Horizontal milling arbor (1") w/supports	Auto lubrication system	Tools with toolbox
Spindle tapping device		

### OPTIONAL ACCESSORIES

Newall Digital Readout System (5 yr. Warranty)

Please feel free to contact us for pricing or if you have any questions.