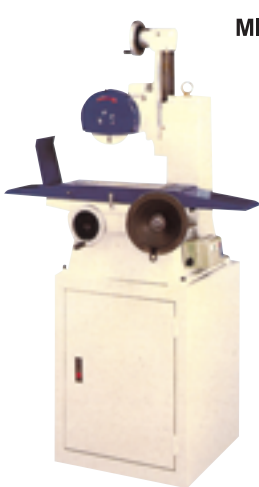




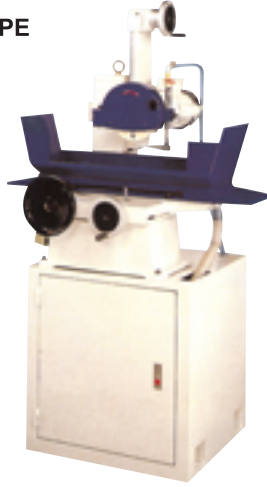
# Bench Surface Grinder (Handfeed)

## MINI TYPE



**ORDER NO. SG-612B**

Picture shown steel floor stand is optional.



**ORDER NO. SG-612BC**

Picture shown are standard.



**ORDER NO. SG-618BC**

Picture shown are standard.



Table slides on 36 precision balls.

## BENCH SURFACE GRINDER (Handfeed)

### Features:

1. Meehanite casting on major parts
2. Precision constructed wheel head producing extremely
3. A high performance, precision surface grinder is ideally suitable for tool room production.
4. Down feed is driven with spiral bevel gear
5. Table slides on 36 precision steel balls
6. Its high precision and economical cost more than fulfill the stringent demands of tool and die shops, or other users of hand feed surface grinder.

### OPTIONAL ACCESSORIES

1. Diamond wheel dresser
2. Permanent magnetic chuck
3. Hand operated lubricator (612BE ONLY)
4. Grinding wheel balancing stand
5. Steel floor stand (612BE ONLY)

### STANDARD ACCESSORIES

1. Splash guard (618BCE, 612BCE, ONLY)
2. Coolant system (618BCE,612BCE ONLY)
3. Steel floor stand (618BCE,612BCE ONLY)
4. Hand operated lubricator (618BCE,612BCE ONLY)
5. Tool box with tools kit
6. Grinding wheel, wheel flange, wheel guard

### MODEL DESIGNATION

"BE" ....Steel ball slideways

"BCE"...."BE" + coolant + steel floor stand + splash guard + hand operated lubricator

### SPECIFICATION

ORDER NO.	SG-618BCE	SG-612BCE	SG-612BE
DESCRIPTION			
Table Surface area	418x152mm (18"x6")	305x152mm (12"x6")	305x152mm (12"x6")
Max long. travel or table	470mm (18 <sup>1</sup> / <sub>2</sub> "	320mm (12 <sup>5</sup> / <sub>8</sub> "	320mm (12 <sup>5</sup> / <sub>8</sub> "
Max cross travel of table	200mm (8")	200mm (8")	170mm (6 <sup>1</sup> / <sub>16</sub> "
T-slot	12.7x19.5x610mm ( <sup>1</sup> / <sub>2</sub> "x <sup>3</sup> / <sub>4</sub> "x24")	12.7x19.5x398mm ( <sup>1</sup> / <sub>2</sub> "x <sup>3</sup> / <sub>4</sub> "x15 <sup>1</sup> / <sub>2</sub> ")	12.7x19.5x398mm ( <sup>1</sup> / <sub>2</sub> "x <sup>3</sup> / <sub>4</sub> "x15 <sup>1</sup> / <sub>2</sub> ")
Grinding wheel size	178x31.7x12.7mm (7"x1 <sup>1</sup> / <sub>4</sub> "x1 <sup>1</sup> / <sub>2</sub> ")	178x31.7x12.7mm (7"x1 <sup>1</sup> / <sub>4</sub> "x1 <sup>1</sup> / <sub>2</sub> ")	178x31.7x12.7mm (7"x1 <sup>1</sup> / <sub>4</sub> "x1 <sup>1</sup> / <sub>2</sub> ")
Max.distance from table surface to spindle center	320mm (12 <sup>1</sup> / <sub>2</sub> "	320mm (12 <sup>1</sup> / <sub>2</sub> "	280mm (11")
Min.distance from table surface to spindle center	89mm (3 <sup>1</sup> / <sub>2</sub> "	89mm (3 <sup>1</sup> / <sub>2</sub> "	89mm (3 <sup>1</sup> / <sub>2</sub> "
Spindle speed ( 50HZ / 60HZ )	2850/3600RPM	2850/3600RPM	2850/3600RPM
Vertical feed handwheel per grabuation	0.012mm (0.0005")	0.012mm (0.0005")	0.012mm (0.0005")
Cross feed handwheel per grabuation	0.025mm (0.001")	0.025mm (0.001")	0.025mm (0.001")
Spindle motor	3/4HP	3/4HP	3/4HP
Coolant pump motor	1/8HP	1/8HP	
Floor space	600x550mm (25 <sup>3</sup> / <sub>4</sub> "x21 <sup>1</sup> / <sub>2</sub> ")	600x550mm (25 <sup>3</sup> / <sub>4</sub> "x21 <sup>1</sup> / <sub>2</sub> ")	440x430mm (17 <sup>1</sup> / <sub>2</sub> "x17")
Net weight	340Kgs (1012Lbs)	310Kgs (682Lbs)	205Kgs (451Lbs)
Gross weight	460Kgs (748Lbs)	410Kgs (901Lbs)	260Kgs (572Lbs)
Packing dimensions ( LXWXH )	1270x690x1520mm (54"x28"x60")	1060x690x1520mm (42"x28"x60")	1040x730x950mm (41"x29"x38")
CODE NO.	8001-041	8001-042	8001-043