

GSG-612B

Handfeed Surface Grinder

6"x12" Table Surface. 11" Table Surface to Wheel Center.

FEATURES

- Picture shown steel floor stand optional.
- Table slides on 36 Precision steel balls.
- Meehanite casting on major parts.
- Precision constructed wheel head producing extremely smooth grinding result.
- Down feed is driven with spiral bevel gear.

STANDARD EQUIPMENTS

- Single or three phase electric motor.
- Grinding wheel (sample only)
178x32x13mm(7"x1 1/4"x1/2")
- Grinding wheel collet.
- Wheel guard.
- Tool box & necessary tools.

OPTIONAL EQUIPMENTS

- Permanent magnetic chucks.
- Diamond wheel dresser.
- Grinding wheel balancing stand.
- Hand operated lubricator.
- Steel folir stand.



GSG-612B

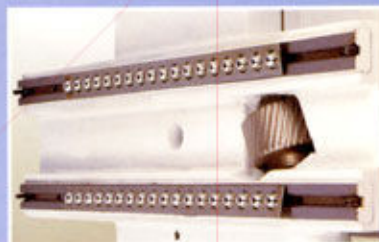


Table slides on 36 precision steel balls.

SPECIFICATIONS:

Table surface area	305x152mm(12"x6")
Max. longitudinal travel of table	320mm(12 5/8")
Max. crossfeed travel of table	170mm(6 11/16")
T-slot	12.7x19.5x398mm (1/2"x3/4"x15 1/2")
Grinding wheel size	178x31.7x12.7mm (7"x1 1/4"x1/2")
Max. distance from table surface to wheel center	280mm(11")
Min. distance from table surface to wheel center	89mm(3 1/2")
Spindle speed	3400-3600RPM
Vertical feed handwheel per graduation	0.012mm(0.0005")
Cross feed handwheel per graduation	0.025mm(0.001")
spindle motor	3/4HP
Floor space	440x430mm(17 1/2"x17")
Net weight	205kgs (451lbs)
Gross weight	260kgs(572lbs)
Packing dimensions(LxWxH)1set	1040x730x950mm (41"x29"x38")
2set	1280x1080x950mm (50"x42.5"x38")
Stand carton dimensions	510x510x660mm (20"x20"x26")

GSG-612BC

Handfeed Surface Grinder

6"x12" Table Surface. 12 1/2" Table Surface to Wheel Center.

FEATURES:

- Steel floor stand.
- Table slides on 36 precision steel balls.
- Meehanite casting on major parts.
- Coolant equipment, machine stand and splash guard supplied as standard equipment.
- Precision constructed wheel head producing extremely smooth grinding result.
- Down feed is driven with spiral bevel gear.

STANDARD EQUIPMENTS:

- Single or three phase electric motor.
- Steel floor stand.
- Coolant equipment.
- Grinding wheel (sample only)
178x32x13mm (7"x1 1/4"x1/2")
- Grinding wheel collet.
- Wheel guard.
- Splash guard.
- Tool box & necessary tools.

OPTIONAL EQUIPMENTS:

- Permanent magnetic chucks.
- Diamond wheel dresser.
- Grinding wheel balancing stand.
- Hand operated lubricator.

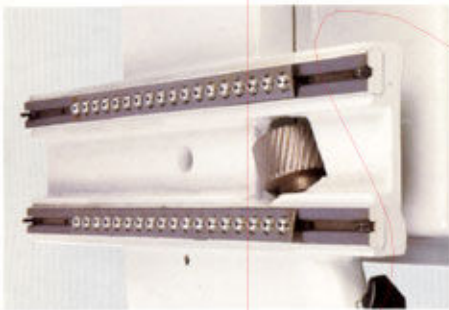


Table slides on 36 precision steel balls.

GSG-612BC



SPECIFICATIONS

Table surface area	305x152mm(12"x6")
Max. longitudinal travel of table	320mm(12 5/8")
Max. crossfeed travel of table	200mm(8")
T-slot	12.7x19.5x398mm (1/2"x3/4"x15 1/2")
Grinding wheel size	178x31.7x12.7mm (7"x1 1/4"x1/2")
Max. distance from table surface to wheel center	320mm(12 1/2")
Min. distance from table surface to wheel center	89mm(3 1/2")
Spindle speed	3400-3600RPM
Vertical feed handwheel per graduation	0.012mm(0.0005")
Cross feed handwheel per graduation	0.025mm(0.001")
Spindle motor	3/4HP
Coolant pump motor	1/8HP
Floor space	600x550mm (25 3/4x21 1/2")
Net weight	310kgs(682lbs)
Gross weight	410kgs(901lbs)
Packing dimensions(LxWxH)	1060x690x1520mm (42"x28"x60")

Model Designation

" B "Steel ball slideways

" BC " " B " + coolant + steel floor stand
+ splash guard + hand operated lubricator

SPECIFICATION

DESCRIPTION	Model	GSG-618BC	GSG-612BC	GSG-612B
Table Surface area		450 X152mm (18" X 6")	305X152mm (12" X 6")	305X152mm (12" X 6")
Max long. travel of table		470mm (18 1/2")	320mm (12 5/8")	320mm (12 5/8")
Max cross travel of table		200mm (8")	200mm (8")	170mm (6 11/16")
T-slot		12.7X19.5X610mm (1/2"x3/4"x24")	12.7X19.5X398mm (1/2"x3/4"x15 1/2")	12.7X19.5X398mm (1/2"x3/4"x15 1/2")
Grinding wheel size		178X31.7X12.7mm (7"x1 1/4"x1 1/2")	178X31.7X12.7mm (7"x1 1/4"x1 1/2")	178X31.7X12.7mm (7"x1 1/4"x1 1/2")
Max.distance from table surface to spindle center		320mm (12 1/2")	320mm (12 1/2")	280mm (11")
Min.distance from table surface to spindle center		89mm (3 1/2")	89mm (3 1/2")	89mm (3 1/2")
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 3/4 X21 1/2")	600X550mm (25 3/4 X21 1/2")	440X430mm (17 1/2 X17")
Net Weight		340Kgs (748Lbs)	310Kgs (682Lbs)	205Kgs (451Lbs)
Gross Weight		460Kgs (1012Lbs)	410Kgs (901Lbs)	260Kgs (572Lbs)
Packing dimensions (LXWXH)		1270X690X1520mm (54" X28" X60")	1060X690X1520mm (42" X28" X60")	1040X730X950mm (41" X29" X38")

Note: We reserve the right to modify the specs of this brochure without prior notice

OPTIONAL ACCESSORIES

- *Permanent magnetic chuck
- *Diamond wheel dresser
- *Grinding wheel balancing stand
- *Hand operated lubricator (612B ONLY)
- *Steel floor stand (612B ONLY)

STANDARD ACCESSORIES

- *Steel floor stand (618BC,612BC ONLY)
- *Coolant system (618BC,612BC ONLY)
- *Splash guard (618BC,612BC ONLY)
- *Hand operated lubricator (618BC,612BC ONLY)
- *Grinding wheel, wheel flange, wheel guard
- *Tool box with tools kit

Complete
Machine Tools Pty Ltd