



MACHINE DATA SHEET

Customer Service #: (570) 546-9663 · To Order Call: (800) 523-4777 · Fax #: (800) 438-5901

MODEL G5962 18" X 60" PRECISION MACHINE SHOP LATHE

Product Dimensions:

Weight..... 4740 lbs.
Length/Width/Height..... 102 x 38-1/4 x 51 in.
Foot Print (Length/Width)..... 102 x 32 in.

Shipping Dimensions:

Type..... Wood Crate
Content..... Machine
Weight..... 5300 lbs.
Length/Width/Height..... 111 x 45 x 64 in.

Electrical:

Switch..... Magnetic Switch with Thermal Overload Protection
Switch Voltage..... 220V
Minimum Circuit Size..... 30 amp
Plug Included..... No
Phase Converter..... H3741

Motors:

Main

Type..... TEFC Induction
Horsepower..... 5-1/2 HP
Voltage..... 220V
Prewired..... 220V
Phase..... Three
Amps..... 16A
Speed..... 1725 RPM
Cycle..... 60 Hz
Number Of Speeds..... 2
Power Transfer Belt Drive to Gear
Bearings..... Shielded and Permanently Lubricated

Coolant

Type..... Induction
Horsepower..... 1/8 HP
Voltage..... 220V
Prewired..... 220V
Phase..... Three
Amps..... 0.3A
Speed..... 1725 RPM
Cycle..... 60 Hz
Number Of Speeds..... 1
Power Transfer Direct Drive
Bearings..... Shielded and Permanently Lubricated

Main Specifications:

Operation Info

Swing Over Bed.....	18-1/4 in.
Dist Between Centers.....	60 in.
Swing Over Cross Slide.....	11-5/16 in.
Swing Over Saddle.....	11-1/4 in.
Swing Over Gap.....	24-3/4 in.
Max Tool Bit Size.....	1 in.
Compound Travel.....	4-7/8 in.
Carriage Travel.....	55 in.
Cross Slide Travel.....	8-5/8 in.

Headstock Info

Spindle Bore.....	3-1/16 in.
Spindle Taper.....	MT#8
No Of Spindle Speeds.....	12
Range Of Spindle Speeds.....	24, 32, 55, 70, 95, 160, 240, 320, 550, 700, 950, 1600 RPM
Spindle Type.....	D1-8 Cam Lock
Spindle Bearings.....	Tapered Roller

Tailstock Info

Tailstock Travel.....	4-3/4 in.
Tailstock Taper.....	MT#4
Tailstock Barrel Diameter.....	2-3/16 in.

Threading Info

No Of Inch Threads.....	40
Range Of Inch Threads.....	2 - 56 TPI
Range Of Longitudinal Feeds.....	0.0013 - 0.0352 in.
No Of Longitudinal Feeds.....	40
No Of Cross Feeds.....	40
Range Of Cross Feeds.....	0.0006 - 0.0184 in./rev.
No Of Metric Threads.....	52
Range Of Metric Threads.....	0.4 - 14 mm
No Of Modular Threads.....	44
Range Of Modular Threads.....	0.4 - 7 MP
No Of Diametrical Threads.....	32
Range Of Diametrical Threads.....	4 - 56 DP

Dimensions

Bed Width.....	11-3/4 in.
Leadscrew TPI.....	4
Leadscrew Length.....	76 in.
Steady Rest Capacity.....	6 in.
Follow Rest Capacity.....	4 in.
Faceplate Size.....	16-1/2 in.
Leadscrew Diameter.....	1.245 in.
Feed Rod Diameter.....	0.870 in.
Floor To Center Height.....	45-3/4 in.
Height With Leveling Jacks.....	51 in.

Construction

Base Construction.....	Cast Iron
Headstock Construction.....	Cast Iron
Headstock Gears Construction.....	Flame Hardened Steel
Bed Construction.....	Induction Hardened Cast Iron
Body Construction.....	Cast Iron
Stand Construction.....	Cast Iron
Paint.....	Epoxy

Other

Kilowatt Output.....5.5

Other Specifications:

Country Of Origin China
Warranty 1 Year
Serial Number Location Back Side of Headstock

Features:

- Auto Stop System for Apron
- Coolant System
- Direct Inch and Metric Threading
- Emergency Stop
- Foot Brake
- Full Length Splash Guard
- Halogen Light
- Headstock Gears Run in an Oil Bath
- Mounted Taper Attachment
- One Shot Lubrication on Apron
- Precision Hardened and Ground V-Bed
- Threading Dial
- Totally Enclosed Universal Gearbox Allows Cutting of Inch, Metric, Whitworth, Module, and Diametral Threads

Accessories Included:

- 10" 3-Jaw Chuck
- 13" 4-Jaw Chuck
- 16-1/2" Face Plate
- 5 Pc. Quick Change Tool Post
- 9" Dog Plate
- Center Sleeve
- Centers
- Follow Rest
- Leveling Pads
- Manual
- MT#4 Rolling Center
- Service Tools
- Steady Rest
- Toolbox

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