



MACHINE DATA SHEET

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

MODEL G4016 13-1/2" X 40" GEAR HEAD LATHE W/ STAND

Product Dimensions:

Weight..... 1261 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 71-1/2 x 26 x 52-1/2 in.
Footprint (Length x Width)..... 71 x 22 in.

Shipping Dimensions:

Carton #1

Type..... Wood Crate
Content..... Machine
Weight..... 1242 lbs.
Length x Width x Height..... 76 x 30 x 29 in.

Carton #2

Type..... Cardboard
Content..... Left Stand
Weight..... 74 lbs.
Length x Width x Height..... 28 x 19 x 18 in.

Carton #3

Type..... Cardboard
Content..... Right Stand
Weight..... 58 lbs.
Length x Width x Height..... 28 x 17 x 14 in.

Electrical:

Minimum Circuit Size..... 15 amp
Switch..... Magnetic Switch
Switch Voltage..... 220V
Plug Included..... No

Motors:

Main

Type..... TEFC Capacitor Start Induction
Horsepower..... 2 HP
Voltage..... 220V
Prewired..... 220V
Phase..... Single
Amps..... 11.9A
Speed..... 1725 RPM
Cycle..... 60 Hz
Number of Speeds..... 1
Power Transfer Belt Drive to Gear
Bearings..... Shielded and Permanently Lubricated

Main Specifications:

Operation Info

Swing Over Bed.....	13-1/2 in.
Distance Between Centers.....	40 in.
Swing Over Cross Slide.....	8 in.
Swing Over Saddle.....	8 in.
Swing Over Gap.....	19 in.
Maximum Tool Bit Size.....	5/8 in.
Compound Travel.....	2-7/8 in.
Carriage Travel.....	35 in.
Cross Slide Travel.....	6-1/4 in.

Headstock Info

Spindle Bore.....	1-7/16 in.
Spindle Taper.....	MT#5
Number of Spindle Speeds.....	8
Spindle Speeds.....	78, 128, 210, 330, 510, 830, 1360, 2100 RPM
Spindle Type.....	D1-4 Camlock
Spindle Bearings.....	Tapered Roller
Spindle Length.....	16 in.
Spindle Length with 3-Jaw Chuck.....	20 in.
Spindle Length with 4-Jaw Chuck.....	20-3/8 in.

Tailstock Info

Tailstock Quill Travel.....	3-1/2 in.
Tailstock Taper.....	MT#3
Tailstock Barrel Diameter.....	1-1/4 in.

Threading Info

Number of Longitudinal Feeds.....	40
Range of Longitudinal Feeds.....	0.0036 - 0.1005 in.
Number of Cross Feeds.....	40
Range of Cross Feeds.....	0.0012 - 0.0345 in./rev.
Number of Inch Threads.....	40
Range of Inch Threads.....	4 - 112 TPI
Number of Metric Threads.....	27
Range of Metric Threads.....	0.2 –6 mm

Dimensions

Bed Width.....	7-3/8 in.
Leadscrew Diameter.....	7/8 in.
Leadscrew TPI.....	8
Leadscrew Length.....	51 in.
Steady Rest Capacity.....	2-3/4 in.
Follow Rest Capacity.....	2 in.
Faceplate Size.....	12 in.
Feed Rod Diameter.....	3/4 in.
Floor to Center Height.....	45-1/2 in.

Construction

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

Other

Kilowatt Output.....	1.5
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Other Specifications:

Country Of Origin China
Warranty 1 Year
Serial Number Location Tailstock End Between Bed Ways

Features:

Cast Iron Construction Throughout
Chip Pan
Flame Hardened Headstock Gears
Full Length Splash Guard
Heavy Duty Stand
Induction Hardened Bedways
Jog Button and Emergency Stop
Tapered Roller and Ball Bearings
Threading Dial

Accessories Included:

12" Face Plate
2 MT#3 Dead Centers
4 Way Turret Tool Post
6" 3-Jaw Chuck with 2 Piece Jaws
8" 4-Jaw Chuck
Center Sleeve
Drill Chuck with Arbor
Follow Rest
Live Center
Oil Can
Set Up Tools
Steady Rest
Tool Box