



# 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.  
Length/Width/Height..... 71-1/2 x 26 x 52-1/2 in.  
Foot Print (Length/Width)..... 71 x 22 in.

### Shipping Dimensions:

#### Carton #1

Type..... Wood Crate  
Content..... Machine  
Weight..... 1155 lbs.  
Length/Width/Height..... 76 x 30 x 29 in.

#### Carton #2

Type..... Cardboard  
Content..... Left Stand  
Weight..... 99 lbs.  
Length/Width/Height..... 28 x 19 x 18 in.

#### Carton #3

Type..... Cardboard  
Content..... Right Stand  
Weight..... 76 lbs.  
Length/Width/Height..... 28 x 17 x 14 in.

### Electrical:

Switch..... Magnetic Switch  
Switch Voltage..... 220V  
Minimum Circuit Size..... 15 amp  
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.
Dist Between Centers.....	40 in.
Swing Over Cross Slide.....	8 in.
Swing Over Saddle.....	8 in.
Swing Over Gap.....	19 in.
Max 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
No Of Spindle Speeds.....	8
Range Of 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 Travel.....	3-1/2 in.
Tailstock Taper.....	MT#3
Tailstock Barrel Diameter.....	1-1/4 in.

**Threading Info**

No Of Inch Threads.....	40
Range Of Inch Threads.....	4 - 112 TPI
Range Of Longitudinal Feeds.....	0.0036 - 0.1005 in.
No Of Longitudinal Feeds.....	40
No Of Cross Feeds.....	40
Range Of Cross Feeds.....	0.0012 - 0.0345 in./rev.
No Of Metric Threads.....	40
Range Of Metric Threads.....	0.2 - 6 mm

**Dimensions**

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