



MACHINE DATA SHEET

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

MODEL G0998 10" X 30" VARIABLE-SPEED METAL LATHE

Product Dimensions:

Weight..... 390 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 56-1/2 x 24 x 48 in.
Footprint (Length x Width)..... 46-1/2 x 12 in.

Shipping Dimensions:

Carton #1

Type..... Wood Crate
Content..... Machine
Weight..... 364 lbs.
Length x Width x Height..... 56 x 27 x 24 in.
Must Ship Upright..... Yes

Carton #2

Type..... Cardboard Box
Content..... Stand
Weight..... 100 lbs.
Length x Width x Height..... 32 x 21 x 14 in.
Must Ship Upright..... No

Electrical:

Power Requirement..... 120V, Single-Phase, 60 Hz
Full-Load Current Rating..... 15A
Minimum Circuit Size..... 20A
Connection Type..... Cord & Plug
Power Cord Included..... Yes
Power Cord Length..... 72 in.
Power Cord Gauge..... 14 AWG
Plug Included..... Yes
Included Plug Type..... 5-20
Switch Type..... Push Button

Motors:

Main

Horsepower..... 1-1/2 HP
Phase..... Single-Phase
Amps..... 10.6A
Speed..... 5200 RPM
Type..... DC
Power Transfer Belt
Bearings..... Shielded & Permanently Lubricated

Main Specifications:

Operation Info

Swing Over Bed.....	10 in.
Distance Between Centers.....	29-1/2 in.
Swing Over Cross Slide.....	5-1/2 in.
Swing Over Saddle.....	9 in.
Maximum Tool Bit Size.....	3/8 in.
Compound Travel.....	2-5/8 in.
Carriage Travel.....	26 in.
Cross Slide Travel.....	4-5/8 in.

Headstock Info

Spindle Bore.....	1 in.
Spindle Taper.....	MT#4
Spindle Threads.....	M32 X 1.5
Number of Spindle Speeds.....	Variable
Spindle Speeds.....	100–2200 RPM
Spindle Type.....	Intrinsic Back Plate
Spindle Bearings.....	Tapered Roller
Spindle Length.....	11-3/4 in.
Spindle Length with 3-Jaw Chuck.....	15-1/4 in.
Spindle Length with 4-Jaw Chuck.....	15-1/4 in.
Spindle Length with Faceplate.....	12-3/4 in.

Tailstock Info

Tailstock Quill Travel.....	2-1/2 in.
Tailstock Taper.....	MT#2
Tailstock Barrel Diameter.....	1.18 in.

Threading Info

Number of Longitudinal Feeds.....	23
Range of Longitudinal Feeds.....	0.0036 - 0.0183 in./rev.
Number of Cross Feeds.....	42
Range of Cross Feeds.....	0.0012 - 0.0173 in./rev.
Number of Inch Threads.....	27
Range of Inch Threads.....	8 - 56 TPI
Number of Metric Threads.....	15
Range of Metric Threads.....	0.35 - 3mm

Dimensions

Bed Width.....	5-3/8 in.
Carriage Leadscrew Diameter.....	3/4 in.
Leadscrew TPI.....	16 TPI
Carriage Leadscrew Length.....	39-1/8 in.
Steady Rest Capacity.....	1/16 - 1-3/16 in.
Follow Rest Capacity.....	1/16 - 1 in.
Faceplate Size.....	8-5/8 in.
Feed Rod Diameter.....	3/4 in.
Floor to Center Height.....	42-7/8 in.

Other

Carriage Handwheel Graduations.....	0.02 in.
Carriage Handwheel Revolution.....	0.68 in.
Cross Slide Handwheel Graduations.....	0.001 in.
Cross Slide Handwheel Revolution.....	0.1 in.
Compound Handwheel Graduations.....	0.001 in.
Compound Handwheel Revolution.....	0.05 in.
Tailstock Handwheel Graduations.....	0.001 in.
Tailstock Handwheel Revolution.....	0.1 in.

Construction

Base..... Steel
Headstock..... Cast Iron
End Gears..... Cast Iron
Bed..... Precision Ground Cast Iron
Body..... Cast Iron
Stand..... Steel
Paint Type/Finish..... Enamel

Fluid Capacities

Gearbox Capacity..... 6-3/4 oz.
Gearbox Fluid Type..... ISO 68

Other Specifications:

Country of Origin China
Warranty 1 Year
Approximate Assembly & Setup Time 2 Hours
Serial Number Location Machine ID Label
ISO 9001 Factory Yes

Features:

Digital Spindle RPM Readout
Variable Spindle Speed Control Through 2 Speed Ranges
100-Series Quick-Change Tool Post
Power Carriage & Cross Slide Travel
Cuts Right- and Left-Hand Threads
Full-Length Back Splash & Chip Tray
Stand Has Storage Cabinets & Shelves
Intrinsic Back Plate Spindle w/Bayonet Ring
Outboard Spindle Support Spider
Hardened & Ground V-Way Bed
Oil-Bath Gearbox

Accessories Included:

5" 3-Jaw & 4-Jaw Chucks
Steady & Follow Rests
8-5/8" Faceplate
MT#2 & MT#4 Dead Centers
MT#2 Drill Chuck 1 - 13mm B16