MACHINE DATA SHEET

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

MODEL G0949G 12" X 35" VARIABLE-SPEED GUNSMITH METAL LATHE

Product Dimensions:

Weight..... 772 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 65 x 30-1/2 x 53 in.
Footprint (Length x Width)..... 58-1/2 x 15 in.

Shipping Dimensions:

Carton #1

Type..... Wood Crate
Content..... Machine
Weight..... 776 lbs.
Length x Width x Height..... 63 x 30 x 32 in.
Must Ship Upright..... Yes

Carton #2

Type..... Wood Pallet
Content..... Stand
Weight..... 118 lbs.
Length x Width x Height..... 32 x 23 x 20 in.
Must Ship Upright..... Yes

Electrical:

Power Requirement..... 110V, Single-Phase, 60 Hz
Full-Load Current Rating..... 15A
Minimum Circuit Size..... 20A
Connection Type..... Cord & Plug
Power Cord Included..... Yes
Power Cord Length..... 60 in.
Power Cord Gauge..... 14 AWG
Plug Included..... Yes
Included Plug Type..... 5-15
Switch Type..... START/STOP Buttons

Motors:

Main

Horsepower..... 1.5 HP
Phase..... Single-Phase
Amps..... 15A
Speed..... 3400 RPM
Type..... DC Brushless
Power Transfer ..... Belt
Bearings..... Shielded & Permanently Lubricated

Main Specifications:

Operation Info

Swing Over Bed	12-5/8 in.
Distance Between Centers	34-5/8 in.
Swing Over Cross Slide	7-3/4 in.
Swing Over Saddle	10-1/2 in.
Maximum Tool Bit Size	5/8 in.
Compound Travel	3-3/8 in.
Carriage Travel	33-7/16 in.
Cross Slide Travel	6-1/2 in.

Headstock Info

Spindle Bore	1.5 in.
Spindle Taper	MT#5
Spindle Threads	M48 x 1.5mm
Number of Spindle Speeds	2
Spindle Speeds	100 - 515, 390 - 2000 RPM
Spindle Type	D1-4 Camlock
Spindle Bearings	Tapered Roller
Spindle Length	14-3/4 in.
Spindle Length with 3-Jaw Chuck	18-3/8 in.
Spindle Length with 4-Jaw Chuck	19-13/16 in.
Spindle Length with Faceplate	15-13/16 in.

Tailstock Info

Tailstock Quill Travel	3-1/8 in.
Tailstock Taper	MT#3
Tailstock Barrel Diameter	1.261 in.

Threading Info

Number of Longitudinal Feeds	12
Range of Longitudinal Feeds	0.0025 - 0.012 in./rev.
Number of Cross Feeds	10
Range of Cross Feeds	0.0015 - 0.0056 in./rev.
Number of Inch Threads	21
Range of Inch Threads	8 - 56 TPI
Number of Metric Threads	12
Range of Metric Threads	0.4 - 3.5mm

Dimensions

Bed Width	7 in.
Carriage Leadscrew Diameter	13/16 in.
Leadscrew TPI	8
Carriage Leadscrew Length	47-7/16 in.
Steady Rest Capacity	2 in.
Follow Rest Capacity	2 in.
Faceplate Size	9-3/8 in.
Feed Rod Diameter	11/16 in.
Floor to Center Height	46-1/2 in.

Other

Carriage Handwheel Graduations	0.01 in.
Carriage Handwheel Revolution	1.2 in.
Cross Slide Handwheel Graduations	0.002 in.
Cross Slide Handwheel Revolution	0.2 in.
Compound Handwheel Graduations	0.001 in.
Compound Handwheel Revolution	0.1 in.
Tailstock Handwheel Graduations	0.001 in.
Tailstock Handwheel Revolution	0.1 in.

Construction

Base	Steel
Headstock	Cast Iron
End Gears	Flame-Hardened Steel
Bed	Induction-Hardened Cast Iron
Body	Cast Iron
Stand	Steel
Paint Type/Finish	Epoxy

Fluid Capacities

Headstock Capacity	27 oz.
Headstock Fluid Type	ISO 32 (eg. Grizzly T23963, Mobil DTE Light)
Gearbox Capacity	13.5 oz.
Gearbox Fluid Type	ISO 68 (eg. Grizzly T23962, Mobil Vactra 2)
Apron Capacity	6.75 oz.
Apron Fluid Type	ISO 68 (eg. Grizzly T23962, Mobil Vactra 2)

Other Specifications:

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

Features:

Digital Spindle Speed Readout
Outboard Spindle Support Spider with 4 Brass-Tipped Bolts
D1-4 Camlock Spindle
Full-Length Splash Guard
200-Series Quick-Change Tool Post
Steady and Follow Rests with Brass Supports
Stand with 3 Storage Drawers and 1 Cabinet
Variable-Speed Control Through 2 Speed Ranges

Accessories Included:

6" 3-Jaw Universal Chuck with 2 Sets of Jaws
6" 4-Jaw Independent Chuck with Reversible Jaws
9-3/8" Faceplate
200-Series Quick-Change Tool Post with 2 Holders
Steady and Follow Rests with Brass Supports
MT#5 - MT#3 Adapter Sleeve
(2) MT#3 Dead Centers
Set of 10 Change Gears
Toolbox with Service Tools