MACHINE DATA SHEET

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

MODEL G0769 8" X 16" VARIABLE-SPEED COMBINATION LATHE/MILL

Product Dimensions:

Weight..... 234 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 36 x 20 x 34 in.
Footprint (Length x Width)..... 31-1/2 x 10-1/2 in.

Shipping Dimensions:

Type..... Wood Crate
Content..... Machine
Weight..... 287 lbs.
Length x Width x Height..... 36 x 23 x 35 in.
Must Ship Upright..... Yes

Electrical:

Power Requirement..... 110V, Single-Phase, 60 Hz
Full-Load Current Rating..... 10A
Minimum Circuit Size..... 15A
Connection Type..... Cord & Plug
Power Cord Included..... Yes
Power Cord Length..... 6 ft.
Power Cord Gauge..... 16 AWG
Plug Included..... Yes
Included Plug Type..... 5-15
Switch Type..... ON/OFF Push Button Switch w/Safety Cover

Motors:

Lathe Spindle

Horsepower..... 600W (3/4 HP)
Phase..... Single-Phase
Amps..... 10A
Speed..... 5250 RPM
Type..... Universal Brush-Type
Power Transfer ..... Belt Drive
Bearings..... Shielded & Permanently Sealed

Mill Spindle

Horsepower..... 600W (3/4 HP)
Phase..... Single-Phase
Amps..... 10A
Speed..... 4800 RPM
Type..... Universal Brush-Type
Power Transfer ..... Gear Drive
Bearings..... Shielded & Permanently Sealed

Main Specifications:

Lathe Info

Swing Over Bed	8-1/4 in.
Distance Between Centers	15-3/4 in.
Swing Over Cross Slide	4-5/8 in.
Swing Over Saddle	6-7/8 in.
Maximum Tool Bit Size	3/8 in.
Compound Travel	2-1/8 in.
Carriage Travel	15-3/4 in.
Cross Slide Travel	3 in.
Spindle Bore	0.787 in. (20mm)
Spindle Taper	MT#3
Number Of Spindle Speeds	Variable
Spindle Speeds	50 – 1000, 100 – 2000 RPM
Spindle Type	Intrinsic Back Plate
Tailstock Quill Travel	2 in.
Tailstock Taper	MT#2
Number of Longitudinal Feeds	2
Range of Longitudinal Feeds	0.0037, 0.0068 in./rev.
Number of Inch Threads	15
Range of Inch Threads	9 – 44 TPI
Number of Metric Threads	12
Range of Metric Threads	0.4 – 3.0 mm

Mill Info

Mill Taper	MT#2
Mill Spindle Travel	1-3/4 in.
Mill Swing	13 in.
Distance Spindle To Work Table	9-7/8 in.
Distance Spindle To Bed	11-1/2 in.
Distance Spindle To Center Line	7-3/4 in.
Mill Head Vertical Travel	6-5/16 in.
Mill Head Tilt (Left/Right)	Left 45, Right 45 deg.
Maximum Tool Bit Size	1/2 in.
Drilling Capacity For Steel	1/2 in.
Drilling Capacity For Cast Iron	1/2 in.
Table Size Length	7-1/4 in.
Table Size Width	3-1/8 in.
Table Size Thickness	1-1/8 in.
Number of T-Slots	2
T-Slot Size	1/4 in.
T-Slot Centers	1-1/2 in.
Drawbar Diameter	3/8 in.
Drawbar Thread Pitch	16 TPI
Drawbar Length	8-1/2 in.
Number of Mill Drill Speeds	2
Mill Speed Range	50 – 2000 RPM

Construction

Bed	Hardened and Precision-Ground Cast Iron
Headstock	Cast Iron
Body	Cast Iron
End Gears	Steel
Paint Type/Finish	Epoxy

Other

Bed Width	4 in.
Carriage Leadscrew Diameter	5/8 in.
Carriage Leadscrew TPI	12 TPI
Carriage Leadscrew Length	23-3/4 in.
Cross Slide Leadscrew Diameter	3/8 in.
Cross Slide Leadscrew TPI	16 TPI
Cross Slide Leadscrew Length	9-1/2 in.
Coolant System	No
Optional Stand	Model T26599

Other Specifications:

Country of Origin	China
Warranty	1 Year
Approximate Assembly & Setup Time	1 Hour
Serial Number Location	ID Label
ISO 9001 Factory	Yes
Certified by a Nationally Recognized Testing Laboratory (NRTL)	No

Features:

Chip tray and full length splash guard
Emergency stop
Thread dial indicator
Electronic variable speed control w/digital readout
Includes 1/2" B-16 drill chuck
Fine spindle downfeed
Dovetail column
Dials in inches
T-slots in cross slide
Belt drive offers low speed range of 50 – 1000 RPM, and high speed range of 100 – 2000 RPM
Convenient quick-locking tailstock

Accessories Included:

4" 3-jaw chuck with two sets of jaws
4" 4-jaw chuck with reversible jaws
4-way turret tool post
6-3/4" faceplate
Follow rest
Steady rest
Tool box
Complete set of change gears
Service wrenches
Bottle for oil
MT#2 and MT#3 dead centers

Accessories Recommended:

T26599 Lathe Stand for G0768 and G0769