



MACHINE DATA SHEET

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

MODEL G0791 12" X 36" COMBINATION GUNSMITHING LATHE/MILL

Product Dimensions:

Weight..... 1345 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 66 x 27-1/2 x 75 in.
Footprint (Length x Width)..... 57-1/2 x 14-1/2 in.

Shipping Dimensions:

Carton #1

Type..... Wood Crate
Content..... Machine
Weight..... 1367 lbs.
Length x Width x Height..... 67 x 29 x 52 in.
Must Ship Upright..... Yes

Carton #2

Type..... Cardboard Box
Content..... Left Stand
Weight..... 106 lbs.
Length x Width x Height..... 30 x 14 x 15 in.
Must Ship Upright..... No

Carton #3

Type..... Cardboard Box
Content..... Right Stand
Weight..... 93 lbs.
Length x Width x Height..... 31 x 12 x 15 in.
Must Ship Upright..... No

Electrical:

Power Requirement..... 220V, Single-Phase, 60 Hz
Full-Load Current Rating..... 8.5A
Minimum Circuit Size..... 15A
Connection Type..... Cord & Plug
Recommended Power Cord..... "S"-Type, 3-Wire, 14 AWG, 300 VAC
Plug Included..... No
Recommended Plug Type..... 6-15
Switch Type..... Control Panel w/Magnetic Switch Protection

Motors:

Mill Spindle

Horsepower..... 3/4 HP
Phase..... Single-Phase
Amps..... 4.5A
Speed..... 1720 RPM
Type..... TEFC Capacitor-Start Induction
Power Transfer Gear Drive
Bearings..... Shielded & Permanently Lubricated
Centrifugal Switch/Contacts Type..... Internal

Lathe Spindle

Horsepower.....	2 HP
Phase.....	Single-Phase
Amps.....	8.5A
Speed.....	1725 RPM
Type.....	TEFC Capacitor-Start Induction
Power Transfer	Twin V-Belt Drive
Bearings.....	Shielded & Permanently Lubricated
Centrifugal Switch/Contacts Type.....	Internal

Main Specifications:

Lathe Info

Swing Over Bed.....	12 in.
Distance Between Centers.....	36 in.
Swing Over Cross Slide.....	7 in.
Swing Over Saddle.....	11-5/16 in.
Maximum Tool Bit Size.....	5/8 in.
Compound Travel.....	3-1/4 in.
Carriage Travel.....	30-1/2 in.
Cross Slide Travel.....	6-1/4 in.
Spindle Bore.....	1.57 in. (39.87mm)
Spindle Taper.....	MT#5
Number Of Spindle Speeds.....	9
Spindle Speeds.....	70 – 1400 RPM
Spindle Type.....	D1-5 Camlock
Spindle Bearings.....	High-Precision Tapered Roller
Spindle Length.....	17 in.
Spindle Length with 3-Jaw Chuck.....	21-3/4 in.
Spindle Length with 4-Jaw Chuck.....	21-1/4 in.
Spindle Length with Faceplate.....	18-1/2 in.
Tailstock Quill Travel.....	4 in.
Tailstock Taper.....	MT#3
Tailstock Barrel Diameter.....	1.563 in.
Number of Longitudinal Feeds.....	40
Range of Longitudinal Feeds.....	0.0011 – 0.0310 in./rev.
Number of Cross Feeds.....	40
Range of Cross Feeds.....	0.0004 – 0.0105 in./rev.
Number of Inch Threads.....	40
Range of Inch Threads.....	4 – 112 TPI
Number of Metric Threads.....	29
Range of Metric Threads.....	0.2 – 4.5 mm

Mill Info

Mill Taper.....	R-8
Mill Spindle Travel.....	2-1/4 in.
Mill Swing.....	15 in.
Distance Spindle To Work Table.....	12 in.
Distance Spindle To Bed.....	14-1/4 in.
Distance Spindle To Center Line.....	8-3/8 in.
Mill Head Vertical Travel.....	11-1/2 in.
Mill Head Tilt (Left/Right).....	90 deg.
Maximum Tool Bit Size.....	5/8 in.
Drilling Capacity For Steel.....	5/8 in.
Drilling Capacity For Cast Iron.....	3/4 in.
Table Size Length.....	9-3/4 in.
Table Size Width.....	5-7/8 in.
Table Size Thickness.....	1-5/16 in.
Number of T-Slots.....	2
T-Slot Size.....	3/8 in.
T-Slot Centers.....	2-7/16 in.
Drawbar Diameter.....	7/16 in.
Drawbar TPI.....	20 TPI
Drawbar Length.....	9-1/4 in.
Number of Mill Drill Speeds.....	4
Mill Speed Range.....	250 – 2300 RPM

Construction

Bed.....	Induction-Hardened, Precision-Ground Cast Iron
Headstock.....	Cast Iron
Body.....	Cast Iron
End Gears.....	Flame-Hardened Steel
Stand.....	Cast Iron
Paint Type/Finish.....	Epoxy

Other

Bed Width.....	7-1/4 in.
Floor To Center Height.....	46-1/4 in.
Carriage Leadscrew Diameter.....	0.870 in.
Carriage Leadscrew TPI.....	8 TPI
Carriage Leadscrew Length.....	44 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

Other Specifications:

Country of Origin	China
Warranty	1 Year
Approximate Assembly & Setup Time	1-1/2 Hours
Serial Number Location	ID Label on Headstock
ISO 9001 Factory	No
Certified by a Nationally Recognized Testing Laboratory (NRTL)	No

Features:

1/2" SQ. Drive in Tailstock for Using Torque Wrench to Lock Tailstock Down Precisely Every Time
Min. Gun Barrel Length Through Spindle w/4-Jaw Chuck - 23" (Allowing for Barrel Sticking Out for Threading)
Removable Gap Bed Allows Turnings up to 17" in Diameter
Easy-to-Use Lever Controls
Full Length Splash Guard
On/Off Reverse Switch on Carriage
Halogen Work Light
Ball Bearing Steady/Follow Rests
Outboard Spindle "Spider" Mount w/4 Brass-Tipped Screws
Socket for Tailstock Lock
Cast-Iron Stand with Extended Base

Accessories Included:

1 MT#3 Live Center
10" Faceplate
2 MT#3 Dead Centers (1 Carbide Tipped)
6" 3-Jaw Chuck with 2-Piece Reversible Jaws
8" 4-Jaw Chuck with Reversible Jaws
Follow Rest with Roller Tips
Quick Change Tool Post with One Tool Holder
Set of 7 Change Gears
Steady Rest with Roller Tips
Tool Box with Service Tools
Drill Chuck Arbor R8 x B16
5/8" Drill Chuck
Spindle Sleeve R8 x MT#3
Spindle Sleeve MT#3 x MT#2