MACHINE DATA SHEET

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

MODEL G4791 12" X 39" LARGE COMBO LATHE/MILL

Product Dimensions:

Weight..... 1110 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 69 x 25 x 69 in.
Footprint (Length x Width)..... 56 x 19-1/2 in.

Shipping Dimensions:

Carton #1

Type..... Wood Crate
Content..... Machine
Weight..... 1012 lbs.
Length x Width x Height..... 73 x 33 x 43 in.
Must Ship Upright..... Yes

Carton #2

Type..... Cardboard Box
Content..... Left Stand
Weight..... 94 lbs.
Length x Width x Height..... 21 x 15 x 29 in.
Must Ship Upright..... No

Carton #3

Type..... Cardboard Box
Content..... Right Stand
Weight..... 96 lbs.
Length x Width x Height..... 21 x 15 x 29 in.
Must Ship Upright..... No

Electrical:

Power Requirement..... 220V, Single-Phase, 60 Hz
Prewired Voltage..... 220V
Full-Load Current Rating..... 7.5A
Minimum Circuit Size..... 15A
Connection Type..... Cord & Plug
Power Cord Included..... Yes
Power Cord Length..... 6 ft.
Power Cord Gauge..... 14 AWG
Plug Included..... No
Switch Type..... Push Button, Reversing

Motors:

Mill Spindle

Horsepower..... 3/4 HP
Phase..... Single-Phase
Amps..... 5.5A
Speed..... 1720 RPM
Type..... TEFC Capacitor-Start Induction
Power Transfer ..... Belt Drive
Bearings..... Sealed & Permanently Lubricated
Centrifugal Switch/Contacts Type..... Internal

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Lathe Spindle

Horsepower	1.5 HP
Phase	Single-Phase
Amps	7.5A
Speed	1720 RPM
Type	TEFC Capacitor-Start Induction
Power Transfer	Belt Drive
Bearings	Sealed & Permanently Lubricated
Centrifugal Switch/Contacts Type	Internal

Main Specifications:

Lathe Info

Swing Over Bed	12 in.
Distance Between Centers	39 in.
Swing Over Saddle	6-7/8 in.
Compound Travel	3 in.
Carriage Travel	35 in.
Cross Slide Travel	9 in.
Spindle Bore	1-1/2 in.
Spindle Taper	MT#5
Number Of Spindle Speeds	9
Spindle Speeds	250 – 1600 RPM
Spindle Type	Intrinsic Back Plate
Tailstock Quill Travel	3 in.
Tailstock Taper	MT#3
Tailstock Offset	15/32 in.
Number of Longitudinal Feeds	36
Range of Longitudinal Feeds	0.0047 – 0.0095 in./rev.
Number of Inch Threads	20
Range of Inch Threads	11 – 40 TPI
Number of Metric Threads	14
Range of Metric Threads	0.5 – 3.0 mm

Mill Info

Mill Taper	MT#3
Mill Spindle Travel	5 in.
Mill Swing	21 in.
Distance Spindle To Work Table	14-1/4 in.
Distance Spindle To Bed	16-1/2 in.
Distance Spindle To Center Line	8-1/2 in.
Mill Head Vertical Travel	4-7/8 in.
Maximum Tool Bit Size	1/2 in.
Drilling Capacity For Steel	5/8 in.
Drilling Capacity For Cast Iron	5/8 in.
Table Size Length	16-7/8 in.
Table Size Width	7-7/8 in.
Table Size Thickness	1-1/4 in.
Drawbar Diameter	12 mm
Drawbar Thread Pitch	1.75
Drawbar Length	13-3/4 in.
Number of Mill Drill Speeds	9
Mill Speed Range	350 – 2000 RPM

Construction

Bed	Hardened & Precision-Ground Cast Iron
Headstock	Cast Iron
Body	Cast Iron
Frame	Cast Iron
End Gears	Steel
Stand	Cast Iron
Paint Type/Finish	Enamel

Other

Bed Width	6-1/8 in.
Floor To Center Height	43 in.
Carriage Leadscrew Diameter	0.950 in.
Carriage Leadscrew TPI	8
Carriage Leadscrew Length	46 in.
Cross Slide Leadscrew Diameter	5/8 in.
Cross Slide Leadscrew TPI	10
Cross Slide Leadscrew Length	16 in.
Coolant System	No
Optional Stand	Yes

Other Specifications:

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

Features:

Heavy-Duty Stand with 2 Storage Compartments Included
Hardened and Ground Bedways
T-Slots in Cross Slide

Accessories Included:

1/2" Drill Chuck with Arbor
2 Dead Centers
4-Way Tool Post
6" 3-Jaw Chuck
8" 4-Jaw Chuck
8" Face Plate
Follow Rest
Steady Rest
Threading Dial

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