



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.
Length/Width/Height..... 69 x 25 x 69 in.
Foot Print (Length/Width)..... 56 x 19-1/2 in.

Shipping Dimensions:

Carton #1

Type..... Wood Crate
Content..... Machine
Weight..... 1208 lbs.
Length/Width/Height..... 73 x 33 x 43 in.

Carton #2

Type..... Cardboard
Content..... Left Stand
Weight..... 95 lbs.
Length/Width/Height..... 21 x 15 x 29 in.

Carton #3

Type..... Cardboard
Content..... Right Stand
Weight..... 88 lbs.
Length/Width/Height..... 21 x 15 x 29 in.

Electrical:

Switch..... Push Button, Reversing
Switch Voltage..... 220V
Cord Length..... 6 ft.
Cord Gauge..... 14 gauge
Minimum Circuit Size..... 15 amp
Plug Included..... No

Motors:

Mill

Type..... TEFC Capacitor Start Induction
Horsepower..... 3/4 HP
Voltage..... 220V
Prewired..... 220V
Phase..... Single
Amps..... 5.5A
Speed..... 1720 RPM
Cycle..... 60 Hz
Number Of Speeds..... 1
Power Transfer Gear/Belt
Bearings..... Sealed

Lathe

Type.....	TEFC Capacitor Start Induction
Horsepower.....	1-1/2 HP
Voltage.....	220V
Prewired.....	220V
Phase.....	Single
Amps.....	7.5A
Speed.....	1720 RPM
Cycle.....	60 Hz
Number Of Speeds.....	1
Power Transfer	Gear/Belt
Bearings.....	Sealed

Main Specifications:

Lathe Info

Chuck Type.....	3-Jaw Scroll, 4-Jaw Independent
Chuck Size.....	6 in.
Faceplate Size.....	8 in.
Tailstock Taper.....	MT#3
Tailstock Travel.....	3 in.
Tailstock Offset.....	15/32 in.
Cross Slide Travel.....	9 in.
Carriage Travel.....	35 in.
Compound Travel.....	3 in.
No. Of Spindle Speeds.....	9
Spindle Speed Range.....	250, 315, 400, 500, 630, 800, 1000, 1250, 1600 RPM
No. Of Longitudinal Feeds.....	36
Feed Rate.....	0.0047 - 0.0095 in.
No. Of Inch Threads.....	20
Thread Range Inch.....	11 - 40 TPI
No. Of Metric Threads.....	14
Thread Range Metric.....	0.5 - 3.0 mm
No. Of Change Gears.....	14
Swing Over Bed.....	12 in.
Swing Over Saddle.....	6-7/8 in.
Dist. Between Centers.....	39 in.
Spindle Bore.....	1-1/2 in.
Lathe Spindle Taper.....	MT#5

Mill Info

Drill Press Taper.....	MT#3
Mill Drill Spindle Travel.....	5 in.
Mill Drill Swing.....	21 in.
Dist. Spindle To Work Table.....	14-1/4 in.
Dist. Spindle To Bed.....	16-1/2 in.
Dist. Spindle To Center Line.....	8-1/2 in.
Mill Head Vertical Travel.....	4-7/8 in.
Max Tool Bit Size.....	1/2 in.
Drilling Cap For Steel.....	5/8 in.
Drilling Cap 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.
Draw Bar Diameter.....	12 mm
Draw Bar Length.....	13-3/4 in.
Draw Bar TPI.....	M12 X 1.75
No. Of Mill Drill Speeds.....	9
Mill Drill Speed Range.....	350, 400, 550, 630, 800, 1000, 1350, 1600, 2000 RPM

Construction

Bed Const..... Hardened and Ground Cast Iron
 Headstock Const..... Cast Iron
 Body Const..... Cast Iron
 Frame Const..... Cast Iron
 Headstock Gears Const..... Steel
 Stand Const..... Cast Iron
 Paint..... Epoxy

Other

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

Other Specifications:

Country Of Origin China
 Warranty 1 Year
 Serial Number Location On Headstock
 Assembly Time 1 hour

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