



# 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..... 1208 lbs.  
Length x Width x Height..... 73 x 33 x 43 in.

#### Carton #2

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

#### Carton #3

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

### Electrical:

Minimum Circuit Size..... 15 amp  
Switch..... Push Button, Reversing  
Switch Voltage..... 220V  
Cord Length..... 6 ft.  
Cord Gauge..... 14 gauge  
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..... Hardened and Ground Cast Iron  
Headstock..... Cast Iron  
Body..... Cast Iron  
Frame..... Cast Iron  
Headstock Gears..... Steel  
Stand..... 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