



MACHINE DATA SHEET

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

MODEL G0516 COMBO LATHE W/ MILLING ATTACHMENT

Product Dimensions:

Weight..... 397 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 44 x 23 x 34 in.
Footprint (Length x Width)..... 43 x 16-1/2 in.

Shipping Dimensions:

Carton #1

Type..... Wood Crate
Content..... Machine
Weight..... 454 lbs.
Length x Width x Height..... 47 x 26 x 23 in.
Must Ship Upright..... Yes

Carton #2

Type..... Wood Crate
Content..... Attachment
Weight..... 102 lbs.
Length x Width x Height..... 17 x 30 x 20 in.
Must Ship Upright..... Yes

Electrical:

Power Requirement..... 110V, Single-Phase, 60 Hz
Prewired Voltage..... 110V
Full-Load Current Rating..... 9A
Minimum Circuit Size..... 15A
Connection Type..... Cord & Plug
Power Cord Included..... Yes
Power Cord Length..... 6 ft.
Power Cord Gauge..... 18 AWG
Plug Included..... Yes
Included Plug Type..... 5-15
Switch Type..... Forward/Reverse & Button Switches

Motors:

Mill Spindle

Horsepower..... 4/5 HP
Phase..... Single-Phase
Amps..... 6A
Speed..... 6000 RPM
Type..... Universal
Power Transfer Gear Drive
Bearings..... Sealed & Permanently Lubricated

Lathe Spindle

Horsepower..... 3/4 HP
Phase..... Single-Phase
Amps..... 9A
Speed..... 1725 RPM
Type..... TEFC Capacitor-Start Induction
Power Transfer Gear Drive
Bearings..... Sealed & Permanently Lubricated

Main Specifications:

Lathe Info

Swing Over Bed.....	9-3/4 in.
Distance Between Centers.....	21 in.
Swing Over Saddle.....	6 in.
Maximum Tool Bit Size.....	1/2 in.
Compound Travel.....	2-1/4 in.
Carriage Travel.....	23 in.
Cross Slide Travel.....	4-1/4 in.
Spindle Bore.....	0.787 in.
Spindle Taper.....	MT#3
Number Of Spindle Speeds.....	6
Spindle Speeds.....	150 – 2400 RPM
Spindle Type.....	Intrinsic Back Plate
Tailstock Quill Travel.....	2-1/2 in.
Tailstock Taper.....	MT#2
Tailstock Offset.....	3/8 in.
Number of Longitudinal Feeds.....	2
Range of Longitudinal Feeds.....	0.005 – 0.010 in./rev.
Number of Inch Threads.....	12
Range of Inch Threads.....	8 – 40 TPI
Number of Metric Threads.....	12
Range of Metric Threads.....	0.4 – 3.0 mm

Mill Info

Mill Taper.....	MT#3
Mill Spindle Travel.....	4 in.
Mill Swing.....	12-3/4 in.
Distance Spindle To Work Table.....	9-1/2 in.
Distance Spindle To Bed.....	9-3/4 in.
Distance Spindle To Vise.....	5 in.
Distance Spindle To Center Line.....	4-1/2 in.
Mill Head Vertical Travel.....	8 in.
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.....	9-1/2 in.
Table Size Width.....	4-1/4 in.
Table Size Thickness.....	1 in.
Vise Jaw Opening.....	3-1/8 in.
Drawbar Diameter.....	12 mm
Drawbar TPI.....	1.75
Drawbar Length.....	4 in.
Number of Mill Drill Speeds.....	Variable
Mill Speed Range.....	0 – 2500 RPM

Construction

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

Other

Bed Width.....	5-3/8 in.
Floor To Center Height.....	13-1/4 in.
Carriage Leadscrew Diameter.....	3/4 in.
Carriage Leadscrew TPI.....	10
Carriage Leadscrew Length.....	33 in.
Cross Slide Leadscrew Diameter.....	9/16 in.
Cross Slide Leadscrew TPI.....	12
Cross Slide Leadscrew Length.....	9-1/2 in.
Coolant System.....	No
Optional Stand.....	No

Other Specifications:

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

Features:

- See Thru Eye Shield
- Mill Head has Tilting Column
- Quick Change Lathe Spindle
- Cross Slide Table Included
- Included Collets: 1/8, 3/16, 1/4, 5/16, 3/8, 7/16, 1/2, and 9/16

Accessories Included:

- 1/2" Drill Chuck with Arbor
- 12 Change Gears
- 2 Dead Centers
- 4-Way Turret Tool Post
- 5" 3-Jaw Chuck
- 5" 4-Jaw Chuck
- 8-1/2" Faceplate
- Quick-Change Collet Set
- Quick-Change Tool Post