



MACHINE DATA SHEET

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

MODEL G4015Z COMBO LATHE/MILL

Product Dimensions:

Weight..... 440 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 42 x 23 x 35 in.
Footprint (Length x Width)..... 42 x 23 in.

Shipping Dimensions:

Type..... Wood Crate
Content..... Machine
Weight..... 475 lbs.
Length x Width x Height..... 23 x 41 x 39 in.

Electrical:

Minimum Circuit Size..... 10 amp
Switch..... Push Button, Reversing
Switch Voltage..... 110V
Cord Length..... 6 ft.
Cord Gauge..... 16 gauge
Plug Included..... Yes

Motors:

Main

Type..... TEFC Capacitor Start Induction
Horsepower..... 3/4 HP
Voltage..... 110V
Prewired..... 110V
Phase..... Single
Amps..... 8.7A
Speed..... 1710 RPM
Cycle..... 60 Hz
Number of Speeds..... 1
Power Transfer Gear/Belt
Bearings..... Shielded and Lubricated for Life

Main Specifications:

Lathe Info

Chuck Type.....	3-Jaw Scroll
Chuck Size.....	4 in.
Faceplate Size.....	9-1/2 in.
Tailstock Taper.....	MT#3
Tailstock Travel.....	1-1/2 in.
Tailstock Offset.....	1/2 in.
Cross Slide Travel.....	4-1/2 in.
Carriage Travel.....	13 in.
Compound Travel.....	3 in.
No. Of Spindle Speeds.....	7
Spindle Speed Range.....	185, 330, 405, 535, 680, 955, 1455 RPM
No. Of Longitudinal Feeds.....	8
Feed Rate.....	0.002 - 0.0069 in.
No. Of Inch Threads.....	27
Thread Range Inch.....	8 - 120 TPI
No. Of Metric Threads.....	18
Thread Range Metric.....	0.2 - 3.0 mm
No. Of Change Gears.....	19
Swing Over Bed.....	16-1/2 in.
Swing Over Saddle.....	11-1/2 in.
Dist. Between Centers.....	19-3/16 in.
Spindle Bore.....	3/4 in.
Lathe Spindle Taper.....	MT#3

Mill Info

Drill Press Taper.....	MT#3
Mill Drill Spindle Travel.....	3-1/2 in.
Mill Drill Swing.....	12 in.
Dist. Spindle To Work Table.....	10 in.
Dist. Spindle To Bed.....	15-3/4 in.
Dist. Spindle To Vise.....	8-1/4 in.
Dist. Spindle To Center Line.....	9-3/4 in.
Mill Head Vertical Travel.....	3 in.
Max Tool Bit Size.....	1/2 in.
Drilling Cap For Steel.....	1/2 in.
Drilling Cap For Cast Iron.....	1/2 in.
Table Size Length.....	7-1/4 in.
Table Size Width.....	6 in.
Table Size Thickness.....	1-1/2 in.
Draw Bar Diameter.....	3/8 in.
Vise Jaw Opening.....	3-1/8 in.
Draw Bar Length.....	10-3/4 in.
Draw Bar TPI.....	16
No. Of Mill Drill Speeds.....	14
Mill Drill Speed Range.....	117, 150, 220, 276, 290, 345, 360, 440, 450, 575, 640, 836, 1000, 1300 RPM

Construction

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

Other

Bed Width.....	5-1/2 in.
Floor To Center Height.....	16 in.
Lead Screw Diameter.....	7/8 in.
Lead Screw TPI.....	6
Lead Screw Length.....	24 in.
Cross Slide Screw Diameter.....	1/2 in.
Cross Slide Screw TPI.....	10
Cross Slide Screw Length.....	9 in.
Coolant System.....	No
Stand.....	No

Other Specifications:

Country Of Origin	China
Warranty	1 Year
Customer Assembly & Setup Time	1 hour

Features:

- T-Slots in Cross Slide
- Cuts Inch and Metric Threads
- Built-in Vise
- Hardened and Ground Bedways
- Adjustable Mill/Drill Head
- Fine Down-Feed

Accessories Included:

- 1/2" Drill Chuck with Arbor
- 2 Dead Centers
- 4" 3-Jaw Chuck
- 4-Way Tool Post
- 5" Back Plate
- 9-1/2" Face Plate
- Change Gears
- MT#3 Chuck Arbor