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.
Must Ship Upright	Yes

Electrical:

Power Requirement	110V, Single-Phase, 60 Hz
Prewired Voltage	110V
Full-Load Current Rating	8.7A
Minimum Circuit Size	15A
Connection Type	Cord & Plug
Power Cord Included	Yes
Power Cord Length	6 ft.
Power Cord Gauge	16 AWG
Plug Included	Yes
Switch Type	Push Button, Reversing

Motors:

Main

Type	TEFC Capacitor-Start Induction
Horsepower	3/4 HP
Phase	Single-Phase
Amps	8.7A
Speed	1710 RPM
Power Transfer	Belt Drive
Bearings	Shielded & Permanently Lubricated

Main Specifications:

Lathe Info

Swing Over Bed	16-1/2 in.
Distance Between Centers	19-3/16 in.
Swing Over Saddle	11-1/2 in.
Compound Travel	3 in.
Carriage Travel	13 in.
Cross Slide Travel	4-1/2 in.
Spindle Bore	3/4 in.
Spindle Taper	MT#3
Number Of Spindle Speeds	7
Spindle Speeds	185 – 1455 RPM
Tailstock Taper	MT#3
Tailstock Quill Travel	1-1/2 in.
Tailstock Offset	1/2 in.
Number Of Longitudinal Feeds	8
Range of Longitudinal Feeds	0.002 – 0.0069 in./rev.
Number Inch Threads	27
Range of Inch Threads	8 – 120 TPI
Number Of Metric Threads	18
Range of Metric Threads	0.2 – 3.0 mm

Mill Info

Mill Taper	MT#3
Mill Spindle Travel	3-1/2 in.
Mill Swing	12 in.
Distance Spindle To Work Table	10 in.
Distance Spindle To Bed	15-3/4 in.
Distance Spindle To Vise	8-1/4 in.
Distance Spindle To Center Line	9-3/4 in.
Mill Head Vertical Travel	3 in.
Maximum Tool Bit Size	1/2 in.
Drilling Capicity For Steel	1/2 in.
Drilling Capicity 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.
DrawBar Diameter	3/8 in.
Vise Jaw Opening	3-1/8 in.
DrawBar Length	10-3/4 in.
Draw Bar TPI	16
Number Of Mill Drill Speeds	14
Mill Speed Range	117 – 1300 RPM

Construction

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

Other

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

Other Specifications:

Country Of Origin	China
Warranty	1 Year
Approximate Assembly & Setup Time	1 Hour
ISO 9001 Factory	No
CSA Certified	No

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