



MACHINE DATA SHEET

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

MODEL G0884 13" X 27" ENCLOSED CNC LATHE

Product Dimensions:

Weight 2750 lbs.
 Width (side-to-side) x Depth (front-to-back) x Height 75 x 47 x 83 in.
 Footprint (Length/Width) 67 x 75 in.

Shipping Dimensions:

Type Wood Crate
 Content Machine
 Weight 3100 lbs.
 Length x Width x Height 79 x 52 x 73 in.
 Must Ship Upright Yes

Electrical:

Power Requirement 220V, 3-Phase, 60 Hz
 Full-Load Current Rating 12.1A
 Minimum Circuit Size 15A
 Connection Type Permanent (Hardwire to Shutoff Switch)
 Power Cord Included Yes
 Power Cord Length 6-1/2 ft.
 Power Cord Gauge 12 AWG

Motor:

Spindle

Horsepower 4 HP
 Phase 3-Phase
 Amps 6.4A
 Speed 2880 RPM
 Type Inverter Duty
 Power Transfer Belt Drive
 Bearings Shielded & Permanently Lubricated

X-Axis

Horsepower 1 HP
 Phase 3-Phase
 Amps 2.5A
 Speed 2000 RPM
 Type Servo
 Power Transfer Direct Drive
 Bearings Sealed & Permanently Lubricated

Z-Axis

Horsepower 1.3 HP
 Phase 3-Phase
 Amps 3A
 Speed 2000 RPM
 Type Servo
 Power Transfer Direct Drive
 Bearings Sealed & Permanently Lubricated

Tool Changer

Horsepower	60 Watts
Phase	3-Phase
Amps	0.3A
Speed	1400 RPM
Type.....	Servo
Power Transfer.....	Direct Drive/Gearbox
Bearings	Sealed & Permanently Lubricated

Coolant Pump

Horsepower	100 Watts
Phase	3-Phase
Amps	0.2A
Speed	2800 RPM
Type.....	Induction
Power Transfer.....	Direct Drive
Bearings	Shielded & Permanently Lubricated

Main Specifications:

Operation Information

Distance Between Centers.....	27 in.
Swing Over Bed	13 in.
Swing Over Cross Slide	6 in.
Maximum Tool Bit Size	5/8 in.
Carriage Travel.....	23-1/2 in.
Cross Slide Travel.....	6-1/4 in.
X-Axis Rapid Speed	235 in./min.
Z-Axis Rapid Speed	315 in./min.

Headstock Information

Spindle Bore.....	1.5 in.
Spindle Taper	1:20
Spindle Type	A2-4
Spindle Speeds	30 - 4000 RPM

Tailstock Information

Tailstock Quill Travel.....	4-1/2 in.
Tailstock Taper.....	MT#3
Tailstock Barrel Diameter	1.75 in.

Dimensions

Bed Width.....	6-5/8 in.
Floor to Center Height.....	45-9/16 in.

Fluid Capacities

Coolant Capacity	8 Gallons
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Construction

Base	Cast Iron
Headstock.....	Cast Iron
End Gears	Steel
Bed	Cast Iron
Body	Cast Iron
Stand	Steel
Paint Type/Finish.....	Enamel

Other Specifications:

Country of Origin..... China
Warranty..... 1 Year
Approximate Assembly & Setup Time 2 Hours
Serial Number LocationMachine ID Label
ISO 9001 Factory.....Yes

Features:

Siemens Sinumerk® CNC Controller
Servo Motors with Ball Screws on All Axes
Powerful 4 HP Main Motor
6-Position Turret for Automatic Tool Changing