



MACHINE DATA SHEET

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

MODEL G0653 17" X 40" CNC LATHE WITH CENTROID CONTROLS

Product Dimensions:

Weight..... 3960 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 98 x 78 x 72-1/2 in.
Footprint (Length x Width)..... 86-1/2 x 22-1/2 in.

Shipping Dimensions:

Type..... Wood Slat Crate
Content..... Machine
Weight..... 5071 lbs.
Length x Width x Height..... 80 x 104 x 67 in.

Electrical:

Power Requirement..... 220V or 440V, 3-Phase, 60 Hz
Prewired Voltage..... 220V
Full-Load Current Rating..... 25.92A at 220V, 13.02A at 440V
Minimum Circuit Size..... 40A at 220V, 20A at 440V
Switch Type..... Magnetic Switch w/Thermal Overload Protection

Motors:

Main

Horsepower..... 10 HP
Phase..... 3-Phase
Amps..... 24A/12A
Speed..... 1725 RPM
Type..... TEFC Induction
Power Transfer Belt Drive
Bearings..... Shielded & Permanently Lubricated
Centrifugal Switch/Contacts Type..... N/A

Coolant Pump

Horsepower..... 1/8 HP
Phase..... 3-Phase
Amps..... 0.32A/0.22A
Speed..... 3450 RPM
Type..... TEFC Induction
Power Transfer Direct Drive
Bearings..... Shielded & Permanently Lubricated
Centrifugal Switch/Contacts Type..... N/A

Feed

Horsepower..... 1-4
Phase..... 3-Phase
Amps..... 1.6A/0.8A
Speed..... 875 RPM
Type..... ASEC Induction
Power Transfer Belt Drive
Bearings..... Shielded & Permanently Lubricated
Centrifugal Switch/Contacts Type..... N/A

Main Specifications:

Operation Info

Swing Over Bed.....	17 in.
Distance Between Centers.....	40 in.
Swing Over Cross Slide.....	7-1/2 in.
Swing Over Saddle.....	17 in.
Swing Over Gap.....	26 in.
Maximum Tool Bit Size.....	1 in.

Headstock Info

Spindle Bore.....	3.15 in.
Spindle Taper.....	MT#7
Number of Spindle Speeds.....	Variable
Spindle Speeds.....	10 – 2000 RPM
Spindle Type.....	D1-8 Camlock
Spindle Bearings.....	Tapered Roller

Tailstock Info

Tailstock Quill Travel.....	5-5/8 in.
Tailstock Taper.....	MT#5
Tailstock Barrel Diameter.....	3 in.

Dimensions

Bed Width.....	18 in.
Carriage Leadscrew Diameter.....	40 mm
Leadscrew TPI.....	2.54 TPI
Carriage Leadscrew Length.....	26-1/2 in.
Steady Rest Capacity.....	4-1/2 in.
Floor to Center Height.....	43-1/2 in.

Construction

Base.....	Cast Iron
Headstock.....	Cast Iron
End Gears.....	Flame Hardened Steel
Bed.....	Induction-Hardened, Precision-Ground Cast Iron
Body.....	Cast Iron
Paint Type/Finish.....	Urethane

Other Specifications:

Country of Origin	Taiwan
Warranty	1 Year
Serial Number Location	ID Label on Front of Operator Guard
ISO 9001 Factory	No
Certified by a Nationally Recognized Testing Laboratory (NRTL)	No

Features:

Centroid T400 Controller
Sliding Operator Guard w/Window & Cross/Longitudinal Controls
Hardened and Precision-Ground Bed
High Alloy Gears Hardened, Ground and Honed
Three-Bearing Spindle Support w/Pressurized Lubrication
Automatic Homing Feature
Pull-Out Chip Tray
Automatic Gear Change
M-Code Controlled Coolant System
Chuck Guard
Built-In Fluorescent Work Lamp