



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.
Length/Width/Height..... 98 x 78 x 72-1/2 in
Foot Print (Length/Width)..... 86-1/2 x 22-1/2 in.

Shipping Dimensions:

Type..... Wood Slat
Content..... Machine
Weight..... 4620 lbs.
Length/Width/Height..... 106 x 67 x 86 in.

Electrical:

Switch..... Magnetic with Thermal Overload Protector
Switch Voltage..... 220
Minimum Circuit Size..... 220V/40A, 440V/20A

Motors:

Main

Type..... TEFC Induction
Horsepower..... 10
Voltage..... 220/440
Prewired..... 220
Phase..... Three
Amps..... 24/12
Speed..... 1725
Cycle..... 60
Number Of Speeds..... 1
Power Transfer Belt & Gear Drive
Bearings..... Shielded and Permanently Sealed

Gear Box

Type..... ASEC Induction
Horsepower..... 1-4
Voltage..... 220/440
Prewired..... 220
Phase..... Three
Amps..... 1.6/0.8
Speed..... 875
Cycle..... 60
Number Of Speeds..... 1
Power Transfer Belt & Gear Drive
Bearings..... Shielded and Permanently Sealed

Coolant

Type.....DV Induction
Horsepower..... 1/8
Voltage..... 220/440
Prewired..... 220
Phase.....Three
Amps..... 0.32/0.22
Speed..... 3450
Cycle..... 60
Number Of Speeds..... 1
Power Transfer Direct Drive
Bearings.....Shielded and Permanently Sealed

Main Specifications:

Operation Info

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

Headstock Info

Spindle Bore.....3-3/8 in.
Spindle Taper.....MT#7
No Of Spindle Speeds..... Variable in 3 Ranges
Range Of Spindle Speeds..... 10-2000 RPM
Spindle Type..... D1-8 Camlock
Spindle Bearings..... Tapered Roller

Tailstock Info

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

Dimensions

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

Construction

Base Construction..... Cast Iron
Headstock Construction..... Cast Iron
Headstock Gears Construction..... Flame Hardened Steel
Bed Construction.....Induction Hardened Cast Iron
Paint..... Urethane

Other Specifications:

Country Of OriginTaiwan
Warranty 1 Year
Serial Number Location Machine ID Label on Front of Operator Guard

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

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