



MACHINE DATA SHEET

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

MODEL G0974 METAL GRINDING MACHINE W/DRO

Product Dimensions:

Weight 750 lbs.
Width (side-to-side) x Depth (front-to-back) x Height 54 x 36 x 59 in.
Footprint (Length/Width) 52 x 32 in.
Full Range of Movement Width 113-1/2 in.
Full Range of Movement Depth 75 in.

Shipping Dimensions:

Type Wood Crate
Content Machine
Weight 926 lbs.
Length x Width x Height 61 x 43 x 60 in.
Must Ship Upright Yes

Electrical:

Power Requirement 220V, 3-Phase, 60 Hz
Full-Load Current Rating 14.25A
Minimum Circuit Size 15A
Connection Type Cord & Plug
Plug Included No
Recommended Plug Type 15-15
Power Cord Included No
Recommended Power Cord "S"-Type, 4-Wire, 10 AWG, 600 VAC
Switch Type ON/OFF Push Button & Trigger Switch w/Emergency Stop
Inverter (VFD) Type Delta MS300 VFD7A5MS23ANSAA
Inverter (VFD) Size 2 HP

Motors:

Main

Horsepower 1 HP
Phase 3-Phase
Amps 3A
Speed 1734 RPM
Type Induction
Power Transfer Direct
Bearings Sealed & Permanently Lubricated

Vacuum Pump

Horsepower 3 HP
Phase 3-Phase
Amps 9A
Speed 3380 RPM
Type Induction
Power Transfer Direct
Bearings Sealed & Permanently Lubricated

Main Specifications:

Operation Information

Minimum Workpiece Dimension	3-1/8 x 1-7/8 in.
Wet Grinding.....	No
No of Spindle Speeds	Variable
Spindle Speed Range	240 - 1500 RPM

Spindle Information

Spindle Diameter	19mm
Spindle Flange Length	45mm
Spindle Flange Diameter.....	25mm
Spindle Flange Thread Pitch.....	M8-1.25
Left Spindle Rotation	Clockwise
Right Spindle Rotation.....	Counter-Clockwise
Left Spindle Thread Direction.....	Right Hand
Right Spindle Thread Direction	Left Hand
Spindle Tilt (Left/Right)	180 Deg.

Filter Information

Number of Filters.....	1
Filter Type.....	Canister Filter
Filter Rating	2 - 5 Microns @ 99%
Filter Size	150 x 215mm

Construction

Base	Steel
Table	Steel
Table Cover	Rubber
Paint Type/Finish.....	Urethane

Table Information

Table Length.....	31-1/2 in.
Table Width.....	51-3/8 in.
Table Height (from Floor/Base)	36 in.
Table Weight Capacity.....	242 lbs.
Vacuum Table Length.....	9-7/8 in.
Vacuum Table Width.....	13-3/4 in.
Number of Vacuum Zones	1
Table Guard Thickness.....	1/8 in.
Table Guard Height (Useable).....	2-1/2 in.

Other Related Information

Number of Dust Ports.....	1
Dust Port Size	5 in.

Other Specifications:

Country of Origin.....	Taiwan
Warranty.....	1 Year
Approximate Assembly & Setup Time.....	1 Hour
Serial Number Location	ID Label
Certified by a Nationally Recognized Testing Laboratory (NRTL)	Yes

Features:

- Four-Point Articulating Arm w/Weight Compensation
- Four Swivel Casters for Maneuverability
- Dual-Spindle 1 HP Motor Rotates 180 Degrees
- Variable Spindle Speed w/Digital Readout
- Vacuum Table for Small Workpieces (3-1/8 in. x 1-7/8 in. Minimum)
- 3 HP Vacuum Pump w/Air Filter
- Four Adjustable Table Guards

Accessories:

Hex Wrench Set (1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm)

Optional Accessories (Not Included):**Ceramic Abrasive Disc (T34037, T34038)**

Disc Type..... Hook & Loop
Disc Material..... Aluminum Oxide
Disc Diameter..... 155mm
Disc Grit..... 60 & 120
Maximum Speed Rating..... 2200 RPM
Maximum Workpiece Height 3-15/16 in.

Deburring, Single Row (T34039, T34040, T34041, T34042, T34043, T34044, T34045, T34046)

Wheel Material Aluminum Oxide, Zirconium, Silicon Carbide
Wheel Diameter..... 155mm
Wheel Bore..... 25mm
Wheel Rotation Direction..... Clockwise
Maximum Speed Rating..... 1600 RPM
Maximum Workpiece Height 3-1/8 in.

Deburring, Double Row (T34047, T34048, T34049)

Wheel Material Aluminum Oxide, Zirconium, Silicon Carbide
Wheel Diameter..... 155mm
Wheel Bore..... 25mm
Wheel Rotation Direction..... Clockwise
Maximum Speed Rating..... 1600 RPM
Maximum Workpiece Height 3-1/8 in.

Deburring, Double Row HERO (T34050, T34051, T34052, T34053, T34054, T34055, T34056)

Wheel Material Aluminum Oxide, Zirconium, Silicon Carbide
Wheel Diameter..... 155mm
Wheel Bore..... 25mm
Wheel Rotation Direction..... Clockwise
Maximum Speed Rating..... 1600 RPM
Maximum Workpiece Height 3-5/16 in.

Deslagging Brush (T34057)

Wheel Material Steel
Wheel Diameter..... 155mm
Wheel Bore..... 25mm
Wheel Rotation Direction..... Clockwise
Maximum Speed Rating..... 700 RPM
Maximum Workpiece Height 2-3/8 in.

Oxide Brush (T34058)

Wheel Material Stainless Steel
Wheel Diameter..... 155mm
Wheel Bore..... 25mm
Wheel Rotation Direction..... Clockwise
Maximum Speed Rating..... 700 RPM
Maximum Workpiece Height 2-3/8 in.

Surface Conditioning Disc (T34061)

Disc Type..... Hook & Loop
Disc Material..... Aluminum Oxide
Disc Diameter..... 155mm
Disc Grit..... 180
Maximum Workpiece Height 3-15/16 in.