



MACHINE DATA SHEET

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

MODEL G0965 2 HP EXTREME-SERIES METAL/GRINDING DOWNDRAFT TABLE

Product Dimensions:

Weight 776 lbs.
Width (side-to-side) x Depth (front-to-back) x Height 56 x 39 x 74 in.
Footprint (Length x Width) 47-1/2 x 27 in.

Shipping Dimensions:

Type Wood Crate
Content Machine
Weight 1019 lbs.
Length x Width x Height 58 x 47 x 83 in.
Must Ship Upright Yes

Main Electrical:

Power Requirement 230V or 460V, 3-Phase, 60 Hz
Prewired Voltage 230V
Full-Load Current Rating 6.6A at 230V, 3.3A at 460V
Minimum Circuit Size 15A
Connection Type Cord & Plug at 230V, Permanent (Hardwire) at 460V
Power Cord Included Yes
Power Cord Length 118 in.
Power Cord Gauge 14 AWG
Plug Included No
Recommended Plug Type 15-20 for 230V
Switch Type Magnetic Switch w/Overload Protection

Work Light/Auxiliary Electrical:

Power Requirement 120V, Single-Phase, 60 Hz
Full-Load Current Rating 7A
Minimum Circuit Size 15A
Connection Type Cord & Plug
Power Cord Included Yes
Power Cord Length 117 in.
Power Cord Gauge 14 AWG
Plug Included Yes
Included Plug Type 5-15
Switch Type Paddle Safety Switch w/Removable Key
Number of Lights 1
Lighting Type 20W Fluorescent, 23-1/4 in.

Motors:

Main

Horsepower 2 HP
Phase 3-Phase
Amps 6.6A/3.3A
Speed 3450 RPM
Type TEFC Induction
Power Transfer Direct
Bearings Shielded & Permanently Lubricated

Main Specifications:

Operation Information

Air Suction Capacity	1350 CFM
Inlet Hole Area	1.6 sq. ft.
Outlet Size.....	20 x 18 in.
Air Input Connection Type	Industrial Quick-Coupler Plug (Male)
Air Input Connection Size	1/4" NPT Threads, 1/4" Body
Tank Size	1 Gallon
Maximum Tank Pressure	90 PSI
Air Output Connection Type.....	Industrial Quick-Coupler (Female)
Air Output Connection Size.....	1/4" NPT Threads, 1/4" Body
Drain Valve Type.....	Ball Valve

Filter Information

Number of Filters.....	4
Number of First-Stage Filters.....	1
First-Stage Filter Type.....	Spark Arrestor Aluminum Mesh Filter
First-Stage Filter Size.....	630 x 285 x 22mm
Number of Second-Stage Filters.....	2
Second-Stage Filter Type	Canister Filter
Second-Stage Filter Rating	0.2 - 2 Microns @ 95%
Second-Stage Filter Size	285 x 330mm
Second-Stage Filter Surface Area	107.6 sq. ft.
Number of Third-Stage Filters.....	1
Third-Stage Filter Type	HEPA Filter
Third-Stage Filter Rating.....	0.3 Microns @ 99.99%
Third-Stage Filter Size	457 x 508 x 150mm
Third-Stage Filter Surface Area	134.5 sq. ft.

Impeller Information

Impeller Type	Radial Fin
Impeller Size	12.1 in.
Impeller Blade Thickness	0.16 in.

Table Information

Table Length	35-5/8 in.
Table Width	44 in.
Floor to Table Height	40-1/2 in.
Table Load Capacity	1543 lbs.
Number of Table Inserts	2
Table Fixture Hole Size.....	5/8 in. (Unthreaded)

Construction

Cabinet.....	Steel
Casters.....	Rubber
Impeller.....	Aluminum
Table	Steel
Table Inserts	Steel
Paint Type/Finish	Powder Coated

Other Specifications:

Country of Origin	Taiwan
Warranty.....	1 Year
Approximate Assembly & Setup Time	30 Minutes
Serial Number Location.....	ID Label
ISO 9001 Factory	Yes

Features:

Filters Provide a Combined Surface Area of 242.1 Sq. Ft.
Flame-Resistant Canister Filters Collect 95% of Particles at 0.2 - 2 Microns
MERV-17 HEPA Filter Collects 99.99% of Particles at 0.3 Microns
Vacuum Pressure Gauge Indicates When to Clean/Replace Filters
Overhead Fluorescent Work Light w/Safety Switch, Auxiliary Outlet for 120V Hand-Held Tool, and Circuit Breaker
Industrial Quick-Coupler Connection for Pneumatic Tool
Air Pulse Button for Pneumatically Cleaning Canister Filters
Easy-to-Clean Dust Drawer and Tray
Side Doors Open for Large Workpieces
Steel Body w/Two Locking Caster Wheels