



MACHINE DATA SHEET

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

MODEL G0410 43" 25 HP 3-PHASE EXTREME SERIES WIDE BELT SANDER

Product Dimensions:

Weight..... 3131 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 63 x 60 x 68 in.
Footprint (Length x Width)..... 61-1/2 x 31 in.

Shipping Dimensions:

Type..... Wood Crate
Content..... Machine
Weight..... 3418 lbs.
Length x Width x Height..... 67 x 63 x 79 in.
Must Ship Upright..... Yes

Electrical:

Power Requirement..... 220V or 440V, 3-Phase, 60 Hz
Prewired Voltage..... 220V
Full-Load Current Rating..... 70.9A at 220V, 35.5A at 440V
Minimum Circuit Size..... 90A at 220V, 50A at 440V
Connection Type..... Permanent (Hardwire to Shutoff Switch)
Switch Type..... Control Panel w/Magnetic Switch Protection

Motors:

Main

Horsepower..... 25 HP
Phase..... 3-Phase
Amps..... 64.9A/32.5A
Speed..... 1760 RPM
Type..... AEEF
Power Transfer Belt
Bearings..... Shielded & Permanently Lubricated

Feed

Horsepower..... 2 HP
Phase..... 3-Phase
Amps..... 6A/3A
Speed..... 1710 RPM
Type..... AEVF
Power Transfer Belt
Bearings..... Shielded & Permanently Lubricated

Table Elevation

Horsepower..... 1/4 HP
Phase..... 3-Phase
Amps..... 1.2A/0.6A
Speed..... 1650 RPM
Type..... AEEF
Power Transfer Belt
Bearings..... Shielded & Permanently Lubricated

Main Specifications:

Operation Information

| | |
|---|-------------------------------|
| Number of Sanding Heads..... | 2 |
| Maximum Board Width..... | 43 in. |
| Minimum Board Width..... | 2 in. |
| Maximum Board Thickness..... | 6 in. |
| Minimum Board Thickness..... | 3/16 in. |
| Minimum Board Length..... | 14 in. |
| Sandpaper Speed..... | 3543 (Front), 2565 (Rear) FPM |
| Sanding Belt Oscillations per Minute..... | 35 - 40 OPM |
| Sanding Belt Oscillation Stroke Length..... | 3/16 - 5/8 in. |
| Conveyor Feed Rate..... | 14 - 60 FPM |
| Sandpaper Length..... | 60 in. |
| Sandpaper Width..... | 43 in. |

Drum Information

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|---------------------------------|-----------------------|
| Infeed Sanding Drum Type..... | Spiral Grooved Rubber |
| Infeed Sanding Drum Size..... | Front 8, Rear 4 in. |
| Outfeed Sanding Drum Type..... | Steel |
| Outfeed Sanding Drum Size..... | 3 in. |
| Shore Hardness (Durometer)..... | Front 70, Rear 65 |

Platen Information

| | |
|--------------------|-------------------------|
| Platen Type..... | Adjustable Graphite Pad |
| Platen Length..... | 44-1/4 in. |
| Platen Width..... | 2-1/8 in. |
| Platen Travel..... | 0 - 3.5mm |

Construction

| | |
|------------------------|---------------|
| Conveyor Belt..... | Rubber |
| Body..... | Steel |
| Paint Type/Finish..... | Powder Coated |

Other Related Information

| | |
|---------------------------------|---------------------|
| Floor To Table Height..... | 31-7/8 - 37-1/2 in. |
| Belt Tracking..... | Pneumatic |
| Sanding Belt Tension..... | Pneumatic |
| Number of Pressure Rollers..... | 3 |
| Pressure Roller Type..... | Rubber |
| Pressure Roller Size..... | 1-9/16 in. |
| Conveyor Table Length..... | 51 in. |
| Conveyor Belt Length..... | 102-3/8 in. |
| Conveyor Belt Width..... | 43-5/16 in. |
| Belt Roller Size..... | 4 in. |
| Number of Dust Ports..... | 8 |
| Dust Port Size..... | 5 in. |
| Air Requirement..... | 75 PSI |

Other Specifications:

| | |
|---|------------------|
| Country of Origin | Taiwan |
| Warranty | 1 Year |
| Approximate Assembly & Setup Time | 1 Hour |
| Serial Number Location | Machine ID Label |
| ISO 9001 Factory | Yes |

Features:

- Pneumatic Belt Tracking & Tensioning
- Includes 100-Grit & 180-Grit Sanding Belts
- Amp/Load Meter
- Built-In Air Regulator & Water Separator
- Disc Brake
- Emergency Stop Bar
- Adjustable Conveyor Speed & Sanding Belt Oscillation Speed
- Micro-Adjustable Graphite/Felt Platen (Rear Sanding Head)
- Touchscreen Controls w/Powered Table Elevation
- Lighted View Window
- Workpiece Thickness Sensor