



MACHINE DATA SHEET

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

MODEL G5850Z 20" PROFESSIONAL PLANER W/ 5 HP SINGLE-PHASE MOTOR

Product Dimensions:

Weight..... 940 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 38 x 40-1/2 x 42-1/4 in.
Footprint (Length x Width)..... 26-1/2 x 24-1/2 in.

Shipping Dimensions:

Type..... Wood Crate
Content..... Machine
Weight..... 1010 lbs.
Length x Width x Height..... 41 x 43 x 45 in.

Electrical:

Minimum Circuit Size..... 30 amp
Switch..... Magnetic with Thermal Overload Protector
Switch Voltage..... 220V
Cord Length..... 7 ft.
Cord Gauge..... 10 gauge
Plug Included..... No

Motors:

Main

Type..... TEFC Capacitor Start Induction
Horsepower..... 5 HP
Voltage..... 220V
Prewired..... 220V
Phase..... Single
Amps..... 25A
Speed..... 3450 RPM
Cycle..... 60 Hz
Number of Speeds..... 1
Power Transfer Twin V-Belt Drive
Bearings..... Shielded and Lubricated

Feed

Type..... TEFC Capacitor Start Induction
Horsepower..... 2 HP
Voltage..... 220V
Prewired..... 220V
Phase..... Single
Amps..... 12A
Speed..... 3450 RPM
Cycle..... 60 Hz
Number of Speeds..... 1
Power Transfer Variable Split Pulley System
Bearings..... Shielded and Lubricated

Main Specifications:

Operation Info

| | |
|---|-------------|
| Max. Cut Width..... | 20 in. |
| Min. Stock Length..... | 8 in. |
| Min. Stock Thickness..... | 1/4 in. |
| Max. Stock Thickness..... | 8 in. |
| No. of Cuts Per Inch..... | 67 - 102 |
| No. of Cuts Per Minute..... | 20,800 |
| Cutterhead Speed..... | 5200 RPM |
| Planing Feed Rate..... | 17 - 26 FPM |
| Max. Cut Depth Planing Full Width..... | 1/16 in. |
| Max. Cut Depth Planing 6 Inch Wide Board..... | 1/8 in. |

Cutterhead Info

| | |
|---------------------------|----------------------|
| Cutterhead Type..... | 4 Knife |
| Cutterhead Dia..... | 3-1/8 in. |
| No. of Knives..... | 4 |
| Knife Type..... | HSS |
| Knife Size Length..... | 20 in. |
| Knife Size Width..... | 1 in. |
| Knife Size Thickness..... | 1/8 in. |
| Knife Adjustment..... | Gibs and Jack Screws |

Table Info

| | |
|-------------------------------|-----------------|
| Table Movement..... | 8 in. |
| Table Bed Size Length..... | 21-1/4 in. |
| Table Bed Size Width..... | 28-1/4 in. |
| Table Bed Size Thickness..... | 3 in. |
| No. of Bed Rollers..... | 2 |
| Floor To Table Height..... | 22-1/2 - 30 in. |

Construction

| | |
|--------------------------|----------------------------|
| Table..... | Precision Ground Cast Iron |
| Body..... | Cast Iron |
| Cutterhead Assembly..... | One Piece Machined Shaft |
| Infeed Roller..... | Segmented Steel |
| Outfeed Roller..... | Polished Steel |
| Paint..... | Epoxy |

Other

| | |
|------------------------|-----------------|
| Table Locks..... | Two Positive |
| Measurement Scale..... | Inch and Metric |
| No. of Dust Ports..... | 1 |
| Dust Port Size..... | 5 in. |
| Mobile Base..... | G7315Z |

Other Specifications:

| | |
|--------------------------------------|--------------------------------------|
| Country Of Origin | Taiwan |
| Warranty | 1 Year |
| Serial Number Location | Machine Data Plate on Top of Machine |
| Customer Assembly & Setup Time | 15 minutes |

Features:

- Segmented Chip Breaker
- Variable Feed Speed
- Lever Adjustable Bed Rollers
- 5" Dust Port
- Precision Ground Cast Iron Bed
- Cutterhead Ball Bearings Include Grease Fittings
- Heavy Duty Cast Iron Construction Throughout
- Board Return Rollers
- Dust Covers Protect Vertical Support Columns and Leadscrews
- Handwheel Depth Adjustment