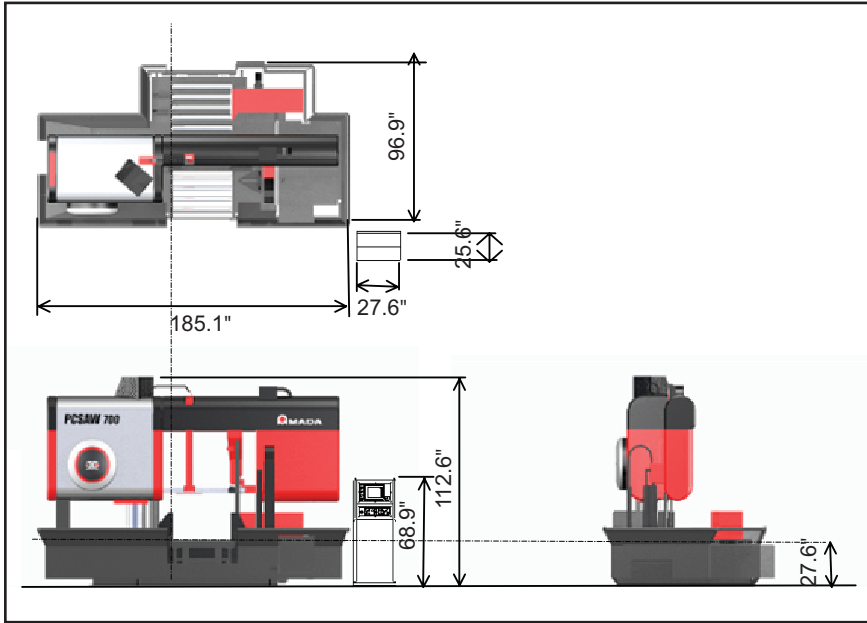


# PCSAW700 Pulse Cutting Band Saw

High-Speed & Low-Noise Metal Cutting





**Attained Higher Cutting Rates with Low Noise Levels**

Double pulse cutting by servomotor controls vibrations that occur during the longitudinal and penetration forces. This technology generates the maximum efficiency of blade performance and enables high cutting rates with low noise levels.

**Automatic Dual Wire Brush System**

The dual wire brushes contact the sides of the blade at the teeth, instantly cleaning the gullet area and avoiding excessive brush wear due to improper settings.



**Increased Blade Life without Sacrificing Productivity**

By controlling vibrations that occur during the penetration force, pulse cutting reduces cutting resistance and blade wear in half. Lower tooling cost is ensured by the extended blade life.

Specifications

|                                |                          |                         |
|--------------------------------|--------------------------|-------------------------|
| Cutting Capacity               | Round Work (Diameter)    | 27.6"                   |
|                                | Rectangle Work (W x H)   | 31.5" x 27.6"           |
| Work Load Capacity             |                          | 17640 lbs.              |
| Work Feed                      | Feed Stroke              | 18.90"                  |
| Saw Blade                      | Blade Size (L x T x W)   | 27'2" x 0.063" x 2-5/8" |
|                                | Blade Speed              | 49 - 261 ft./min.       |
| Motors                         | Saw Blade Motor          | 19 HP (15 kW)           |
|                                | Hydraulic Pump Motor     | 5 HP (3.7 kW)           |
|                                | Pulse-Cutting Motor      | 0.27 HP (0.2 kW)        |
|                                | Cutting Fluid Pump Motor | 0.5 HP (0.37 kW)        |
| Power Requirements             |                          | AC220V±10%, 3PH, 60Hz   |
| Cutting Fluid                  | Tank Capacity            | 37.0 gal.               |
| Hydraulic                      | Tank Capacity            | 29.1 gal.               |
| Machine Dimensions (W x L x H) |                          | 185.1" x 96.9" x 112.6" |
| Table Height (Above Floor)     |                          | 27.6"                   |
| Machine Weight                 |                          | 22046 lbs.              |

Amada reserves the right to change specifications and/or accessories at any time without prior notice.



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