

**PAT MOONEY, INC.**

502 S. Westgate Street, Addison, Illinois 60101-4525
Telephone 630/543-6222 • 800/323-7503 • Fax 630/543-5584

www.patmooneysaws.com

PMI PRECISION UPCUT SAW FOR ALUMINUM PROFILES

Model: PMI-24CE

The PMI Precision Cutoff Saws are designed to saw aluminum profiles quickly and accurately with a burr free mirror finish. The PMI-24CE has many outstanding features that allow maximum productivity and also provide a safe work environment.

Machine Features:

7.5 HP Saw Motor

This strong drive system via 7.5 HP saw motor allows for maximum cutting force and chip removal. This additional power will also extend the life of the saw blade between regrinds.

Upcut Design and Saw Blade Chamber

The PMI-24CE is an Upcut saw. The saw blade is housed under the work table and travels up through the work piece. This has several advantages such as, safety (less blade exposed during cut), chip removal and longer blade life.

Precision Ground Work Table with Special Surface Coating

The work table is a ground surface and is coated with a special Chromate coating. This coating prevents marring the outside of your work piece.

Material Clamping

The hydraulic clamping system has adjustable clamping pressure to prevent distortion of thin wall profiles. The top clamp holds the work piece on both sides of the saw blade to deliver a burr free cutoff part. This clamp is controlled by its own cylinder and has adjustment according to the size of the work piece.

Saw Blade Feed

The saw blade feed is controlled via a hydraulic cylinder with full control of the feed rate. This will allow for accurate cuts and long blade life. In addition, the saw blade travel is controlled for fastest cycle time.

Precise Micro-Drip Blade Lubrication System

The blade is lubricated via a micro-drip system. A small amount of lubricant is introduced to an air line at the point of discharge for control and economical distribution of the saw lubricant

Safety Features:

Safety Machine Enclosure

The work table is guarded via a machine enclosure that is also monitored by a limit switch. The cover must be closed for the saw to cycle.

Two Hand Cycle Start Activation

Dual Start push button insures that the operator has both hands free of the machine.

Safety Limit Switch

Blade access door is protected via limit switch that will shut down the machine in the case of open door.

Technical Data:

Saw Blade Size	24" X 1" Bore
Saw Motor	7.5 HP
Saw Blade Speed	2000 RPM
Table Size	45 ¼ x 26" (1150mm x 660mm)
Work Height	29 ½" (750mm)
Machine Dimensions	49 ¼" x 49 ¼" x 66 ⅞"
Machine Weight	1210 lbs

Additional Standard Items included with the purchase of the PMI-24CE:

- ∞ Tool kit
- ∞ Kanefusa 120T Saw Blade
- ∞ Operating Manual