



PAT MOONEY, INC.
16 W. Official Road, Addison, IL 60101-4525
Telephone (630)543-6222 | (800)823-7503 | Fax (630)543-5584
www.patmooneysaws.com



PMI-18 PMI PRECISION UPCUT SAW FOR ALUMINUM PROFILES



The PMI Precision Cutoff Saws are designed to saw aluminum profiles quickly and accurately with a burr free mirror finish. The PMI-18 has many outstanding features that allow maximum productivity and provide a safe work environment.

Machine Features:

7.5 HP Saw Motor:

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

Upcut Design and Saw Blade Chamber:

The PMI-18 is an Upcut saw. The saw blade is housed under the worktable 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 Worktable with Special Surface Coating:

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



PAT MOONEY, INC.
16 W. Official Road, Addison, IL 60101-4525
Telephone (630)543-6222 | (800)823-7503 | Fax (630)543-5584
www.patmooneysaws.com



Material Clamping:

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

Two Hand Cycle Start Activation: Dual Start push button ensures the operator has both hands free of the machine.

Safety Limit Switch: The blade access door is protected via a limit switch that shuts down the machine in case of an open door.

Technical Data:

- Saw Blade Size 18" (455mm) X 1" Bore
- Saw Motor 7.5 HP
- Saw Blade Speed 3200 RPM
- Table Size 26-1/3" x 26" (640mm x 660mm)
- Work Height 33-7/8" (860mm)
- Machine Dimensions 34" x 35" x 66"
- Machine Weight 770 lbs
- 1 Blade Included
- Tool Box Included