

**PAT MOONEY, INC.**

16 W. Official Road, Addison, Illinois 60101
Telephone 630/543-6222 • 800/323-7503 • Fax 630/543-5584

www.patmooneysaws.com



PMI-30L B PMI PRECISION HORIZONTAL SAW FOR ALUMINUM PROFILES

The PMI Precision Cutoff Saws are designed to saw aluminum profiles quickly, accurately and with a burr free mirror finish. The PMI-30L B has many outstanding features that allow maximum productivity while providing a safe work environment. The saw head moves on a linear guideway that assures accurate and large cutting.

Machine Features:

15 HP Saw Motor:

The strong drive system via a 15 HP saw motor allows for maximum cutting force and chip removal. This additional power extends the life of the saw blade between regrinds.

Horizontal Design:

The PMI-30L B is a horizontal saw. The saw blade is housed in a secure cabinet and moves through the work piece horizontally which allows the saw to cut large pieces safely and accurately.

Precision Ground Work Table with Special Surface Coating:

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

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. This clamp is controlled by its own cylinder and is adjustable according to the size of the work piece. The clamps move on linear guideways to assure stable clamping of the work piece.

Saw Blade Feed:

The saw blade feed is driven by the hydraulic system. This allows 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 monitored by a limit switch. The cover must be closed for the saw to cycle.



PAT MOONEY, INC.

16 W. Official Road, Addison, Illinois 60101
Telephone 630/543-6222 • 800/323-7503 • Fax 630/543-5584

www.patmooneysaws.com



Two Hand Cycle Start Activation:

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

Safety Limit Switch:

The blade access door is protected via a limit switch that will shut down the machine in case of an open door.

Technical Data:

- Saw Blade Size 28" or 30" diameter x 50mm bore
- Saw Motor 15 HP
- Saw Blade Speed 1500 RPM
- Hydraulic Motor 2HP
- Table Size 67-1/3" x 43" (1710 x 1090mm)
- Work Height 35-3/7" (900mm)
- Machine Dimensions 90-5/9" x 70-6/7" x 86-3/5"
- Machine Weight 3960 lbs

Additional Standard Items included with purchase of the PMI-30L B:

- Tool Kit
- Kanefusa Saw Blade
- Operating Manual

Cutting Capacity (h x w)
10.43" x 21.65"
5.12" x 33.46"
0.78 x 35.43"