

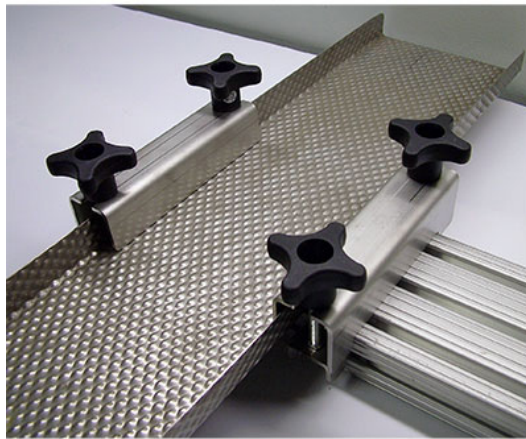


Magnets | Material Handling  
Electronic Inspection | Service

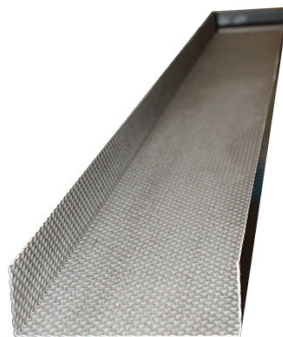
# Press Mounted Multi Pan System Electric Shaker Conveyor

Series: M-10 18" Maximum Crossbar Electric Shaker

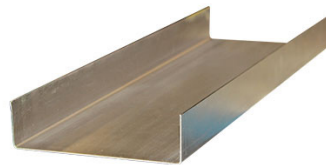
Patent: #US-008,752,695-B2



**Quick Release Pan Mount Bracket Accessory**



**Rigidized Pan**



**Smooth Pan**

## The Most Reliable Solution to Stay Up and Running

- MPI patented electric shakers are the most reliable scrap removal conveyor available. They deliver years of dependable service and have a modular design, so if something does go wrong, you can get back up and running quickly.

## Easy Installation and Quick-Changeover

- Plug and play design slides into a single t-slot on the press, locks down by tightening a bolt and plug into a standard 110V plug. The unit is light enough to carry to by hand if needed.
- Optional Quick-Release Pan Mount Brackets make it easy to add, remove and slide pans on the extrusion when setting up for a new die.

## Extremely Efficient

- A compact electric motor drives the scrap conveyor. Compared to previously used pneumatic designs, the electric design can reduce operating costs by 71%.

## Heavy-Duty 7-Gauge Carbon Steel Construction

- The press room can be an abusive environment for equipment. Our M-10 electric scrap shakers are built with heavy duty steel construction that is lightweight for the drive, but strong enough to stand up to anything in the press room, except a die being dropped on it.

## Easy to Reverse Direction of Travel

- The scrap shaker can easily reverse direction of travel for the scrap by unmounting, turning 180 degrees and remounting.

## Quiet Operation

- Noise compounds in the press room, and you do not need your scrap system adding to the overall noise. The electric shaker runs almost silently, allowing operators to focus on their work.

## No Air or Lubrication Required

- The electric drive saves on maintenance and compressor operating costs when compared to pneumatic design.

## Simple On/Off Switch to Operate

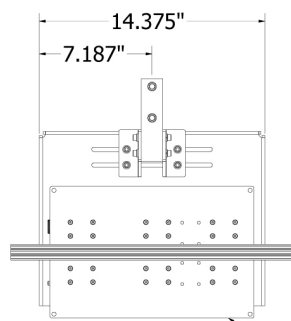
- The scrap shaker features a simple on/off switch located on the side of the unit to turn it on and off.

## Excellent Service and Support

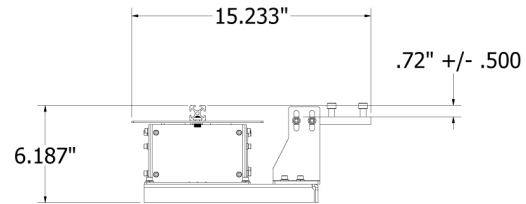
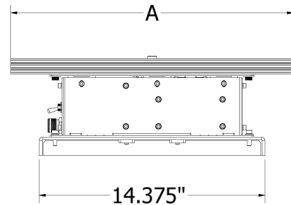
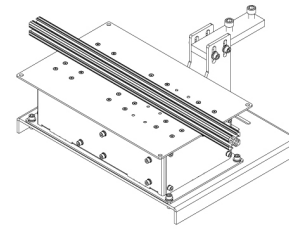
- MPI understands that if these systems are not running, you cannot run your press. Should the unexpected occur, MPI has spare units on the shelf, a repair program and a 24/7 number so you can know you can reach us even if it is 2am on a Sunday.

\*Specifications subject to change

Series: M-10 18" Maximum Crossbar Electric Shaker Version 1.0 © MPI



M10 LIGHTNING SHAKER ASSEMBLY



## Press Mounted Multi Pan System M-10 Electric Shaker Conveyor Specifications

| Model Number                              | M-10 Motor Only       | M-10-18   |
|---|-----------------------|---|
| Power Input                               | 110 VAC, single phase | 110 VAC, single phase                                 |
| System Weight                             | 24 lbs.               | 28 lbs.   |
| Design Capacity (Pans and Scrap)          | 10 lbs.               | 10 lbs.   |
| Crossbar Width Included                   | Not Included          | 18"   |
| T-Slot Included                           | Not Included          | 0.50" Thick x 1.375" Wide and 3/4" Thick x 1.75" Wide |
| Quick Release Pan Mount Bracket Accessory | Not Included          | Not Included  |

## Press Mounted Multi Pan System M-10 Electric Shaker Conveyor Options

**Scrap Shaker Trays or Scrap Shaker Pans:** MPI can provide new or replacement shaker pans for your electric shaker for scrap conveying. These can be manufactured from carbon steel, stainless steel, or rigidized carbon steel. Each pan is made to the size required for the specified application or die that is being run.

**Quick Release Pan Mount Bracket Accessory (QRPMB):** Shaker pan should always be securely mounted to the crossbar to ensure proper scrap transfer and protect the pans and motor from damage. MPI Quick Release Pan Mount Bracket Accessory are designed to make adding, removing or moving shaker pan quick and easy for operators in between die changes. Once tightened by hand, the mounting system securely attaches the pan to the crossbar. This metal mounting system does not use any plastic that wears out over time and is lightweight so it does not impact the long term performance of the shaker system. One set is required for each pan. A set includes a left and right hand pan attachment.

- The bracket sizing is based on your mounting cross bar, width of the crossbar correlates to size.
- M-10 Electric Scrap Shaker Model use QRPMB-1.5X1.5, extrusion size is 1.5".

**Wear Pad Kits:** When pans are installed, they can be supported by the bolster. If there are any concerns for wear, uneven surfaces, or insufficient pan support. MPI offers wear pad kits that can be attached to the bottom of the pans. These raise the pan off the bolster and make the wear pad the wear item that can be replaced as needed.