

Manual Incremental Feed Slide Table (FH3563-60M) (FH3563-60M)

This Full Head Press Cutting System features 60 tons of available tonnage and a 35" x 63" bed size.



Features

Features

A four-post hydraulic press producing 100 metric (110 U.S.) tons of cutting force, with two cylinders mounted over cross members linked end to end with torsion bars. This mechanical balancing system ensures that the maximum cutting force of the press can be delivered anywhere on the bed of the press, and keeps the bed and bridge parallel even under asymmetrical (unbalanced) loads. This hydraulic press can deliver its total force at any point in the down stroke.

Advantages

- Inboard and Outboard Motorized Pinch Roll Feeding System with 8.3" (210 mm) Maximum Opening – The opening and closing of the pinch rolls is motorized in operation. The pinch rolls are suited to feed up to two layers of material in and out of the machine while holding the material during the cutting process.
- 2 HP Frequency Converter Positioning System, Including Encoder and Data Input Device – Uses an AC motor controlled by the frequency converter. This device varies the voltage and cycles going to the motor to provide a soft start and stop.
- Manual 4 Post Mechanical Stops – Low point stops ensure the precise bottom position and parallelism of the head on each cutting stroke.
- Pneumatic Four Position Die Mounting Rails Under the Head – The die rails hold the tooling under the head. They are pneumatically operated and adjustable for easy die board change out.
- Hardened and Ground Steel Plate – The hardened and ground steel plate has a 60^o Rockwell hardness and is designed as a non-consumable cutting surface for through cutting and kiss cutting of various materials. Kiss cutting is done in conjunction with mechanical stops.
- Touch Screen Operator Interface with Program Storage – The user friendly touch screen makes machine operation easy for any operator with the ability to store programs, recall programs, and change material specifications and feed distances all with the touch of a finger.

Options

Machine Options

- Model FH3563-150M – Above machine with 150 Metric (165 U.S.)Tons of cutting force
- 1 HP Servo Motor Positioning System (Instead of 2 HP Frequency Converter Position System) – The servo motor positioning system has a +/-0.004” positioning accuracy which means you will obtain very high material yields.
- Polypropylene Cutting Pad and Oscillating Pad Shifter on the Bed of the Press – The oscillating pad shifter greatly improves the cutting pad life by rotating the cutting pad on a circular path after each cut.
- Double Pumps and Motors – Two motors and hydraulic pumps are used so the press can make more cuts per minute than it would make with one pump and motor.
- High Speed Hydraulic System – A special hydraulic system so the press can make more cuts per minute than it would make with a normal hydraulic system.
- Manual Adjustment Device to Raise and Lower the Inboard and Outboard Conveyors – In order to accommodate for the cutting pad with pad shifter or hardened and ground steel plate as they sit at different heights

Specifications

FH3563-60M