



FEEDS 1" – 84"

Designed and manufactured for Versatility, Dependability,
Repeatability, and virtually Maintenance Free operation

Perfecto®

Reduce Setup Time To Seconds

Perfecto servo roll feeds get you back to stamping faster than any feed on the market.

Standard Features

- Centralized control facilitates One-Man operation.
- 10' curly cord Operators remote control.
- Power run-in locates stock in the die.
- Job storage up to 100 parts.
- Micro-Adjustment "On the Fly".
- Fully programmable feed length from .001"– 100", in .001" increments.
- Roll position repeatability +/- .002".
- Digital readout display records length fed.
- RS-232 interface capabilities.
- Forward and Reverse (Jog).
- Batching.
- AC brushless servo motor.
- Indramat drives.
- Adjustable feed cycle time form 90° to infinity.
- Full width feed rolls hardened to Rc62 and ground.
- Positive Drive system using Kevlar timing belts.
- Upper and Lower rolls driven through full-contact gears.
- Permanently sealed, lubricated bearings.
- Heavy duty Stock Guides.
- Hand wheel adjustment for Stock Guides.
- Anti-Backup rolls.
- Catenary designed for full material contact.

- Dual air cylinders for consistent roll pressure.
- Right-to-Left or Left-to-Right feeding.
- Ratchet Wrench pass line adjustment +/- 3".
- Tie bars on cabinet mounted presses.
- Custom engineered adapter plates.

Benefits

- Job changeovers are accomplished quickly and easily.
- Higher production rates.
- Built in ergonomics prevent operator fatigue.
- AC brushless servo motor provides feed accuracy of +/- .002".
- Ergonomically designed control panel allows operator to enter feeds, speed or part number.
- Press mounted or free-standing cabinet models.
- Standard sizes designed to feed material from 1" thru 84" wide.

Versatile Performance

- Extra long feed lengths.
- Short runs with variable feed length requirements.
- Blank and draw operations
- Cut-to-Length lines.
- Roll forming.

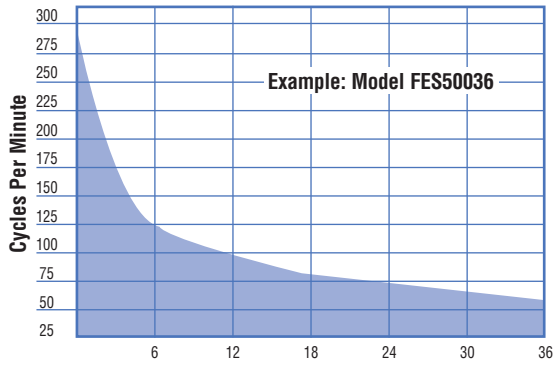
Options

- Motorized Stock Guides
- Entry and Exit double roll feeds
- Recirculating stock lubricator
- Motorized pass line adjustment

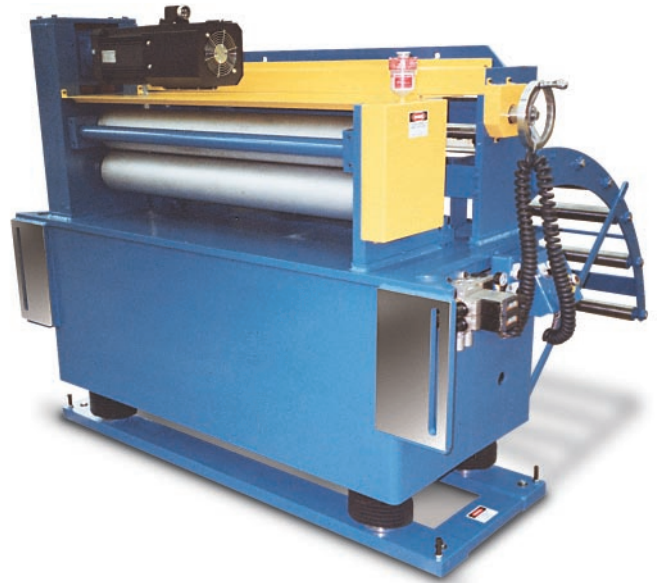


Model FES60024 Press Mount

Production Rates Reference .125" Steel



Model FES60048 Cabinet Mount



Feed Length

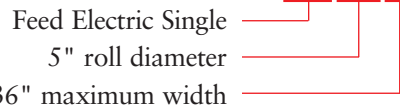
1. Feed length and cycles per minute depend upon press cycle time.
2. Speed rates are estimates and are effected by the feed angle.
3. Actual production depends upon material thickness.

Standard Sizes 12", 24", 36", 48", 60", 72", 84"

Model Number FES300 FES400 FES500 FES600 FES700

Roll Diameter 3" 4" 5" 6" 7"

Complete model number example: **FES50036**



Model FES60060 Cabinet Mount



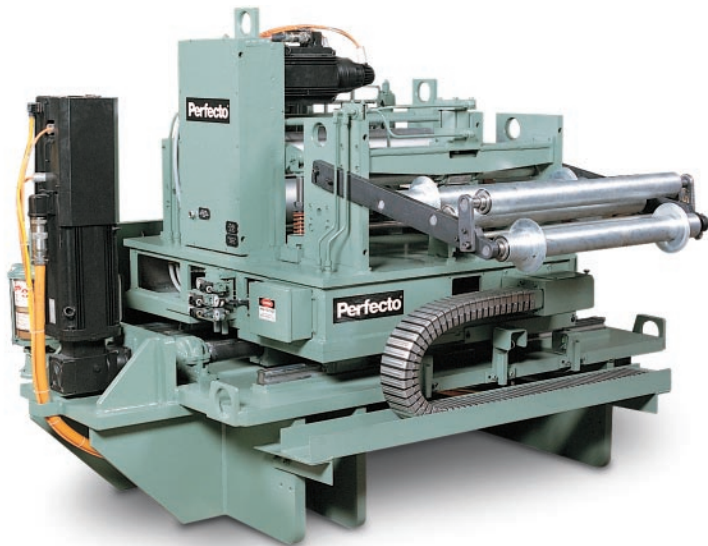
Zig-Zag Press Feed System Reduces Costly Scrap

Now you can stamp more blanks from every coil and save up to 15% of waste material with the Perfecto Zig-Zag press feed system. You can produce blanks of any shape up to 36" wide, giving a single die press the effect of a multiple die.

Fast And Easy Feed Setup

Mounted on the press for greater rigidity, the Perfecto Zig-Zag system features customized electronic controls programmed to coordinate feed speed, feed progression and lateral movement.

Setup time is reduced to the few seconds needed to program the controller. And you can make precise adjustments while the system is operating.

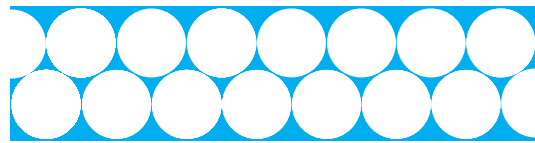


Model FZS50036



±.002 Repeatability

A mounting bracket retains the sliding feed mechanism and its two servo motors on linear bearing rails. One servo actuates the multi-lead screw that provides lateral indexing of the feed assembly. The other servo controls the material's forward motion into the press with a precision gear box.



A zig-zag system allows a two-out pattern for maximum material yield while still using only a single die.

Highly Versatile

You can accommodate all types of metal coils in different thicknesses and in any practical width. Its central control permits independent adjustment of forward and lateral movements to meet changing conditions.

Machines can be customized to your specific needs, so dimensions, weights, production rates and the degree of lateral movement will vary with specifications.

Perfecto®

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