

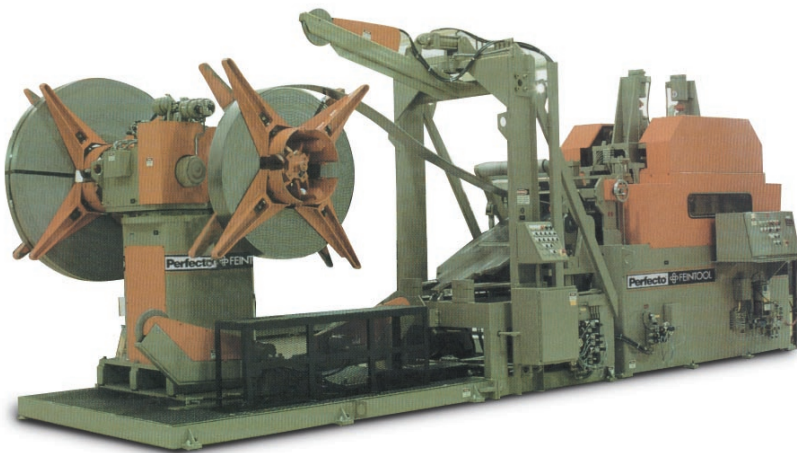


Fineblanking Coil Handling And Straightening Systems

Perfecto®  **FEINTOOL**

How To Get Maximum Productivity From Your Fineblanking Operation

Designed specifically to meet fineblanking accuracy and flatness requirements, automated Perfecto®-Feintool coil handling and straightening systems feature matched components sized for your individual production needs. A typical reel system, such as the one shown here, features a double end reel with dual restrictors mounted on a common base. The peeler hold-down assembly threads material through the stock guides into the straightener for processing to a flatness up to .008" T.I.R. on an 18" square piece.



Coil Cradle/Stock Straighteners

In addition to reel systems, Perfecto-Feintool offers a complete selection of combination coil cradle/stock straighteners. When used with standard threading tables, these units require minimal floor space and can be sized to meet your requirements.



Standard Features

- Fail-safe reel braking
- Dual pinch rolls, chrome blasted
- End-of-stock detector
- Twenty-one roll straighteners with motorized bank adjustment; nine roll straighteners have motorized individual adjustment
- Flattener
- Automatic lubrication
- Mill-type stock guides
- Sonic loop control
- AC closed loop drive; 24VDC controls
- Video display terminal
- Two speed jog
- Automatic head adjustment to programmed penetration setting

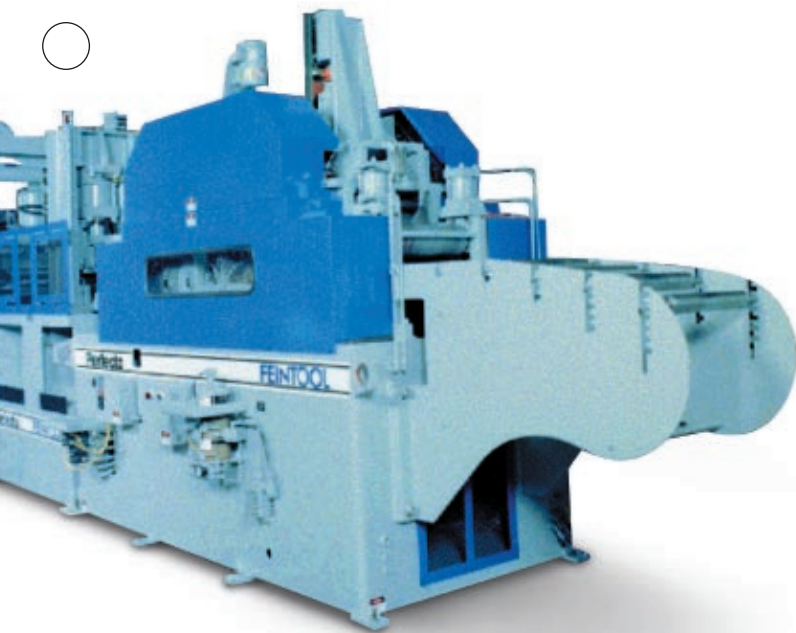
Options

- All system interconnections (cables, hoses and trays)
- Dual expansion range with bolt-on spacers
- Crop Shear

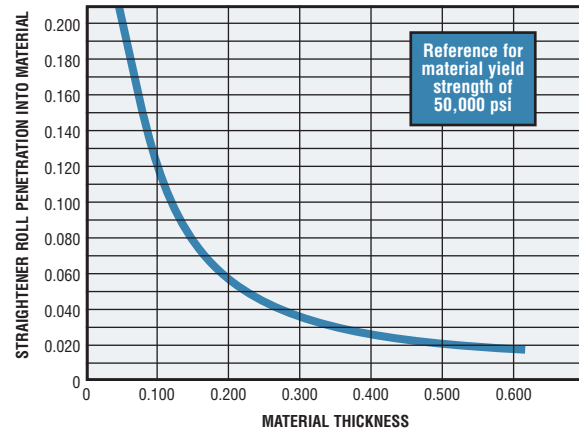
Model	Material Thickness x Width In./mm	Straight Rolls	Back-up Rolls Upper & Lower	Cradle Maximum Coil Weight Lbs./Kgs.	Maximum Coil Diameter In./mm	Upper Roll Adjustment (Motorized)	Entry and Exit Pinch Roll Diameter In./mm
S-38-12-9 C-38-12-9	5/16 x 12 / 6.35 x 305	9	-	10,000 / 4,545	72 / 1,829	Individual	6.0 / 152.4
S-38-12-21 C-38-12-21	3/8 x 9 / 9.53 x 229						
S-38-18-9 C-38-18-9	7/16 x 18 / 11.11 x 457	21	-	10,000 / 4,545	72 / 1,829	Bank	6.0 / 152.4
S-38-18-21 C-38-18-21	1/2 x 6 / 12.70 x 152						
S-38-18-9 C-38-18-9	7/16 x 18 / 11.11 x 457	9	One Set	10,000 / 4,545	72 / 1,829	Individual	6.0 / 152.4
S-38-18-21 C-38-18-21	1/2 x 13 / 12.70 x 330						
S-38-18-9 C-38-18-9	7/16 x 18 / 11.11 x 457	21	One Set	10,000 / 4,545	72 / 1,829	Bank	6.0 / 152.4
S-38-18-21 C-38-18-21	5/8 x 9 / 15.88 x 229						

Stock Straighteners

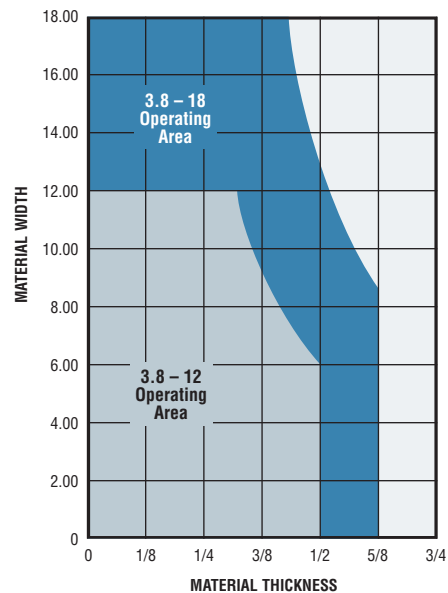
Versatile Perfecto-Feintool stock straighteners offer the precision performance required for the fineblanking process over a wide range of material capacities.



Stock Straightener Penetration



Stock Straightener Capacity



Reference for material yield strength of 50,000 psi

Double End Coil Reels

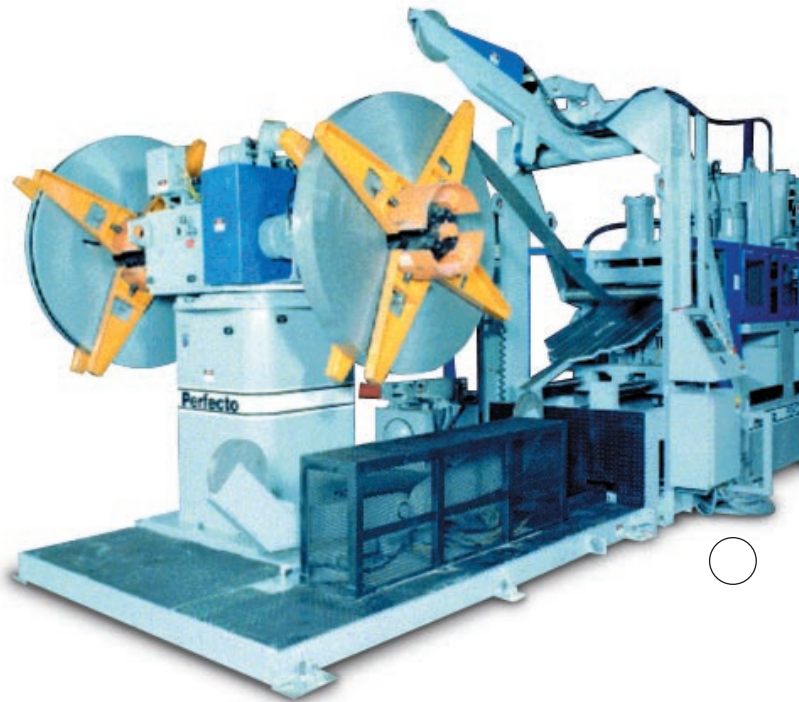
Model	Coil Weight per Mandrel Lbs. / Kgs.	Coil Outside Diameter In. / mm	Coil Inside Diameter In. / mm	Coil Width In. / mm	Maximum Line Speed	
					In. / min.	cm / min.
RD10-12B	10,000 / 4,545	48-72 / 1,219-1,829	20-24 / 508-610	4-12 / 102-305	600	1,524
RD15-18B	15,000 / 6,806	48-72 / 1,219-1,829	20-24 / 508-610	4-18 / 102-457	600	1,524

Standard features include powered coil restrictor wheel, hydraulic coil threading drive motors, air mandrel drag brake, hydraulic rotating cylinder mandrel expansion and motorized turret rotation.

Threading Tables

Model TT-1830 accommodates 18" (457mm) material widths; Model TT-1230 handles 12" (305mm) widths. Both feature a hydraulically actuated 30 ft. (9.1 m) table.

Whatever your process requirements, Perfecto-Feintool coil handling and straightening systems incorporate the latest design technology with operating reliability to optimize productivity. Our system specialists are uniquely qualified to help you select the right coil handling and straightening system for your specific application.



Perfecto®

FEINTOOL

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