

Stock Straighteners For Precision Control From Coil To Press

Application engineered for product quality, longer die life and high-speed production

Perfecto®

No One Gives You More Than PERFECTO

Straighteners With 5 To 21 Rolls

A Perfecto stock straightener assures that flat material is fed to your presses for higher part quality and extended die life. Designed and manufactured for all types, thicknesses and widths of material, Perfecto straighteners can keep up with the highest production speeds.

Perfecto straighteners work by bending the stock past its elastic limit. Stock is gripped and fed through the straightener by pinch rolls aided by power applied to the lower bank of rolls. The number and diameter of straightening rolls is determined by each application. Other important considerations are control of stock loop and compatibility with other machines in the press feed line.

Straightener models are available with 5 to 21 rolls of 1.7" through 5.5" diameters. Each model accommodates a specific range of thicknesses – the capacity of any unit may be increased with straightening roll back-up supports. All Perfecto straighteners feature fast, easy set-up and require minimal training time.



Model S384807 Powered Stock Straightener features motorized roll adjustment and stock guides, automatic lubrication, back-up rolls, flattener, peeler and a coil restrictor with driven wheel.

Why Pay More When PERFECTO Offers More Standard Equipment Than Anyone!

Standard Features

- 7 straightening rolls with ground finish
- Heavy duty needle bearings on all rolls
- Entry Pinch Rolls ground to 300RA finish
- Stock Guides – hand wheel adjusted
- Catenary support with rollers in full radius
- Precision made cluster drive gears
- Crodon coated upper & lower rolls
- PanelMate video controls
- Angled top cabinet
- Heavy duty angled cabinet
- Automatic lubrication
- Sonic Loop Control
- 1.7" to 5.5" Roll diameters
- One man operation capability
- AC Vector variable speed motor & drives
- All lower rolls power driven
- PLC controls



Optional Features

- Automatic lubrication
- Back – up rolls
- Peeler blade & table
- Flattener
- Coil restrictor arm
- Photoelectric loop control
- Crop shear
- Motorized roll adjust
- Digital readouts for roll adjust
- Motorized stock guides
- End of stock switch



Cluster Gears



Catenary Support

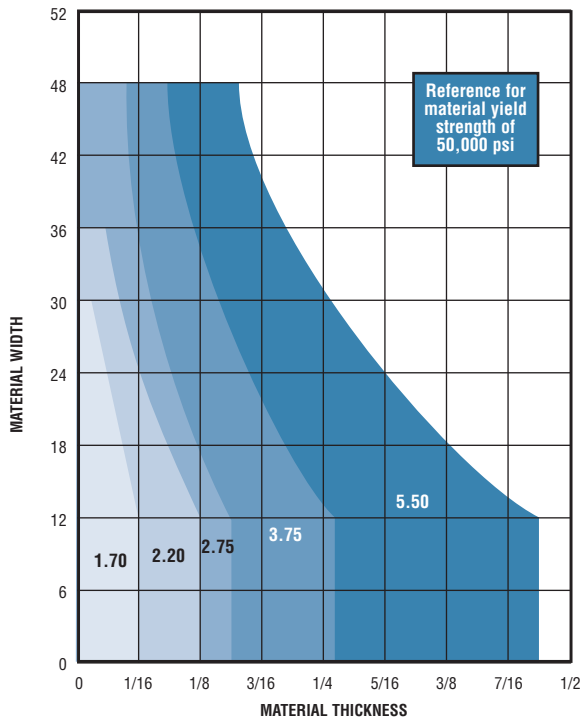


Peeler Table & Blade

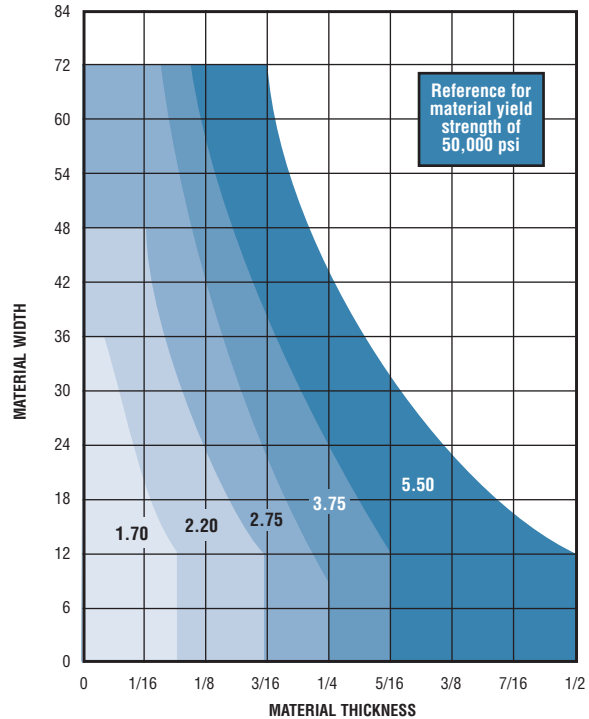


Crop Shear

Capacity – Standard Straightener

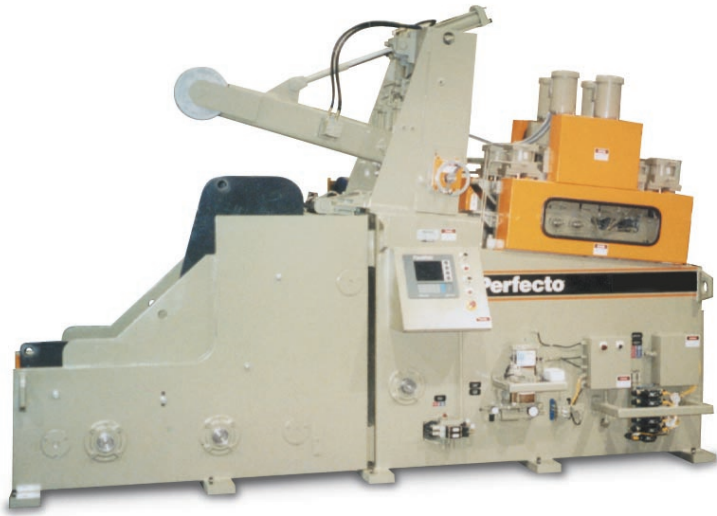


Capacity – Straightener With Back-Up Rolls



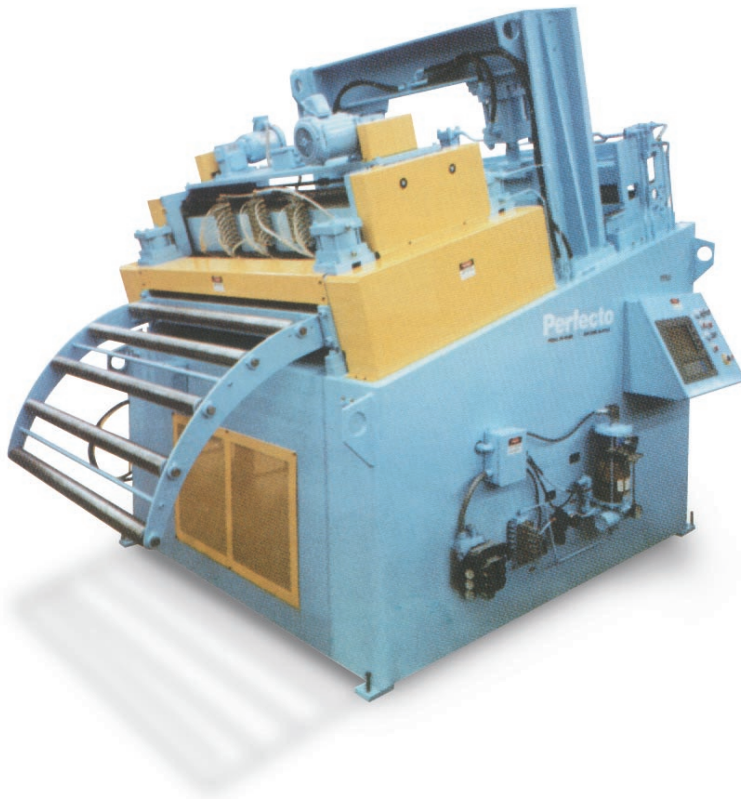
Steel Thickness Reference Guide

Gauge																														
3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30			
.2391	.2242	.2052	.1943	.1793	.1644	.1495	.1345	.1196	.1046	.0897	.0747	.0673	.0598	.0538	.0478	.0418	.0359	.0329	.0299	.0269	.0239	.0209	.0179	.0164	.0149	.0135	.0120			
Approx. Inches																														
MM	13	12	11	10	9	8	7	6	5	4	3	2	1																	
Inches	.5118	.4724	.4331	.3937	.3543	.3150	.2756	.2362	.1969	.1575	.1181	.0787	.0394																	
MM/Inch Conversion																														



Model C381209 Cradle Straightener

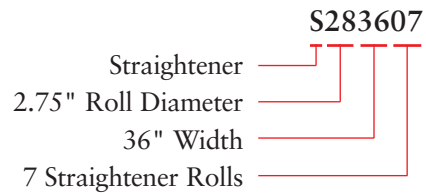
- Automatic cradle plates
- Autolube
- Video display controller
- Motorized penetration
- Hold down arm
- Flattener
- Back-up rolls



S175417 Straightener With Crop Shear

- Video display controller
- Motorized penetration
- Back-up rolls

Model Number Example



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