

# CPFS-250-Combination Feeder-Straightener



## SPECIFICATIONS

Feed Roll O.D.:	3.50" Diameter
Breaker Roll O.D.:	2.50" Diameter
Roll O.D.:	Solid Rolls
Roll Body:	Full Width
Roll Speed:	126 Feet / Minute
Acceleration:	38 Feet / Sec / Sec
Accuracy:	+/- .005" Accuracy

## MACHINE CAPACITIES

.125" x 12" Wide
.090" x 18" Wide
.060" x 24" Wide
.040" x 30" Wide

## MACHINE PERFORMANCE

<u>Length</u>	<u>180 Cycle</u>	<u>240 Cycle</u>
2"	177 SPM	236 SPM
6"	91 SPM	122 SPM
12"	53 SPM	71 SPM
18"	37 SPM	50 SPM
24"	29 SPM	38 SPM
36"	20 SPM	26 SPM

\*Machine performance can be limited by pilot release stroke.  
Consult factory for exact throughput estimates.

## FEATURES:

Yaskawa MPA-940 Integrated Drive and Motion Control  
AC Brushless Digital Servo Drive and Motor Package  
Machined and Doweled Tie Bar Type Construction  
Direct Mount Drive for Efficient Torque Transfer  
Precision Cluster Gear Driven Upper Feed Roll  
#3 Matte Chrome Finish of Entrance Feed Rolls  
Lubricated and Sealed Precision Roller Bearings  
Efficient Air Operated Pilot Release of Feed Rolls  
Air Pressure Regulation for Exact Feed Roll Pressure  
Pivoting Pilot Release Mechanism for Straightener Rolls  
Precision Cluster Gear Drivetrain for All Lower Rolls  
True (7) Roll Design for Optimum Straightening Results  
Independent Hand Crank Adjustment of Upper Rolls  
Precision Worm Gear Adjustment of Upper Rolls  
Funneled Material Path for Effective Material Threading  
4 Roll Catenary Section Assures Proper Material Support  
Hand Crank Entrance Edge Guides with Hardened Rolls  
ServoMaster Servo Feed Controller and Interface  
Serial Communication Capability to Press Control



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