

## A space saving solution for aluminum to AHSS

The new patent-pending SpaceMaster® Series 5 Compact Coil Lines combine unwinding, straightening and feeding of coil stock into one piece of compact equipment. These lines are capable of processing heavy-gauge, high-strength materials at speeds up to 50–60 SPM within 28-ft. of floorspace, delivering quick ROI.

### FEATURES & BENEFITS

#### Servo-Driven Feeder-Straightener

- 5.0" diameter straightening rolls
- 6.7" diameter pinch and feed rolls
- Bank-type adjustment of upper rolls

#### Servo-Actuated Pilot Release

- Industry-unique eccentric lift mechanism
- High speed roll lift provides higher SPM's
- Superior performance vs. air lift mechanisms

#### Powered Pull-off Pinch Rolls

- Driven by AC variable speed drive and motor
- Maintains web tension and contains clockspring
- Pivoting lower roll for effective strip threading

#### Horizontal Loop Cage

- Optimized slack loop for higher linespeeds
- Linespeed averaging with laser trim sensor

#### Hold Down with Motorized Endwheel

- Provides effective threading and rewind operations
- Hydraulic actuation for clockspring containment
- Wide-face powered endwheel with banding slot

#### Powered Coil Guides

- Tapered roll design for effective coil guiding
- Independent hydraulic actuation of each roll

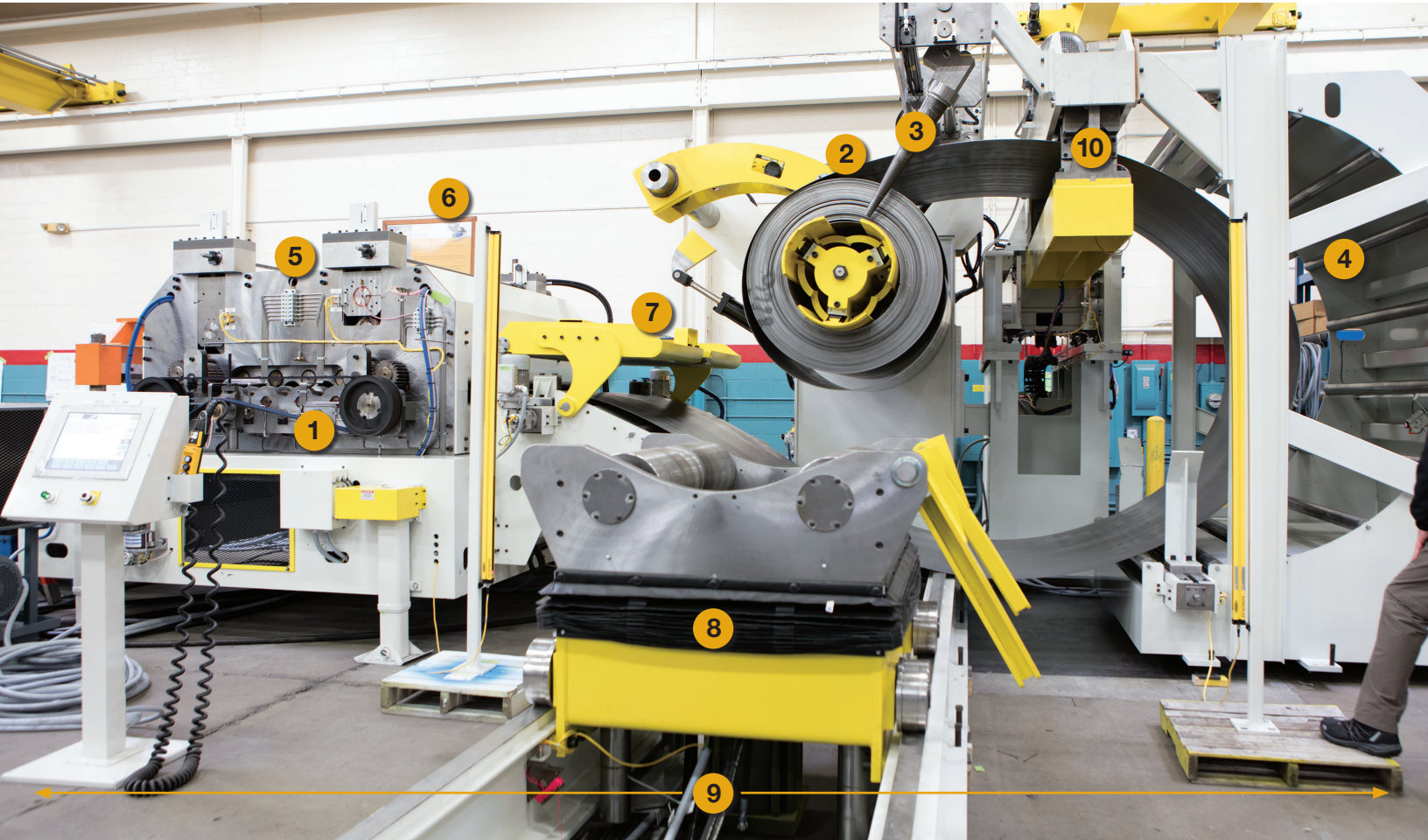
#### Pivoting Peeler-Debender

- Provides hands-free threading

### SpaceMaster Series 5 Capacities

- Widths from 24" – 72"
- Thickness from .040" - .620"\*
- Coil weights from 10,000 – 60,000 lbs.
- Yield strengths up to 1000Mpa
- CRS, HRS, AHSS, stainless, aluminum
- Feeding speeds of up to 50 – 60 SPM

\*Thickness capacity is influenced by material and width; please consult the factory for a technical evaluation of the application requirements.



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|---|---|
| ① Servo-driven, feeder-straightener     | ⑥ Patent-pending high-speed, servo-actuated pilot release |
| ② Hold down with motorized endwheel     | ⑦ Hands-free threading                                    |
| ③ Tapered, powered coil guides          | ⑧ Coil car with powered nest rollers                      |
| ④ Laser loop sensor in guided loop cage | ⑨ Fits within 28' feet of floorspace                      |
| ⑤ Unique worm-gear adjustment mechanism | ⑩ Swing-out pinch/feed roll                               |

*At COE Press Equipment, we believe that there is always a better way. Our goal is to make your operations run smoothly and profitably. We apply our engineering knowledge, materials expertise, and industry experience to consistently develop solutions that address your manufacturing challenges and simplify your plant floor operations.*

## COE'S EXCLUSIVE 5-4-3 WARRANTY

All Heavy Duty Servo Roll Feeds are backed by the COE 5-4-3 Warranty – five year limited coverage on components manufactured by COE Press Equipment; four year limited coverage on mechanical components installed by COE Press Equipment; and three year coverage on the complete system.



40549 Brentwood  
Sterling Heights, MI 48310  
Tel (586) 979-4400  
Fax (586) 979-2970  
Email [info@COEpress.com](mailto:info@COEpress.com)  
[www.COEpress.com](http://www.COEpress.com)