



WORLD-CLASS COIL AUTOMATION SOLUTIONS



**INTRODUCING OUR
NEW PRO SERIES
COIL FEED LINES**

PRO Series Introduction

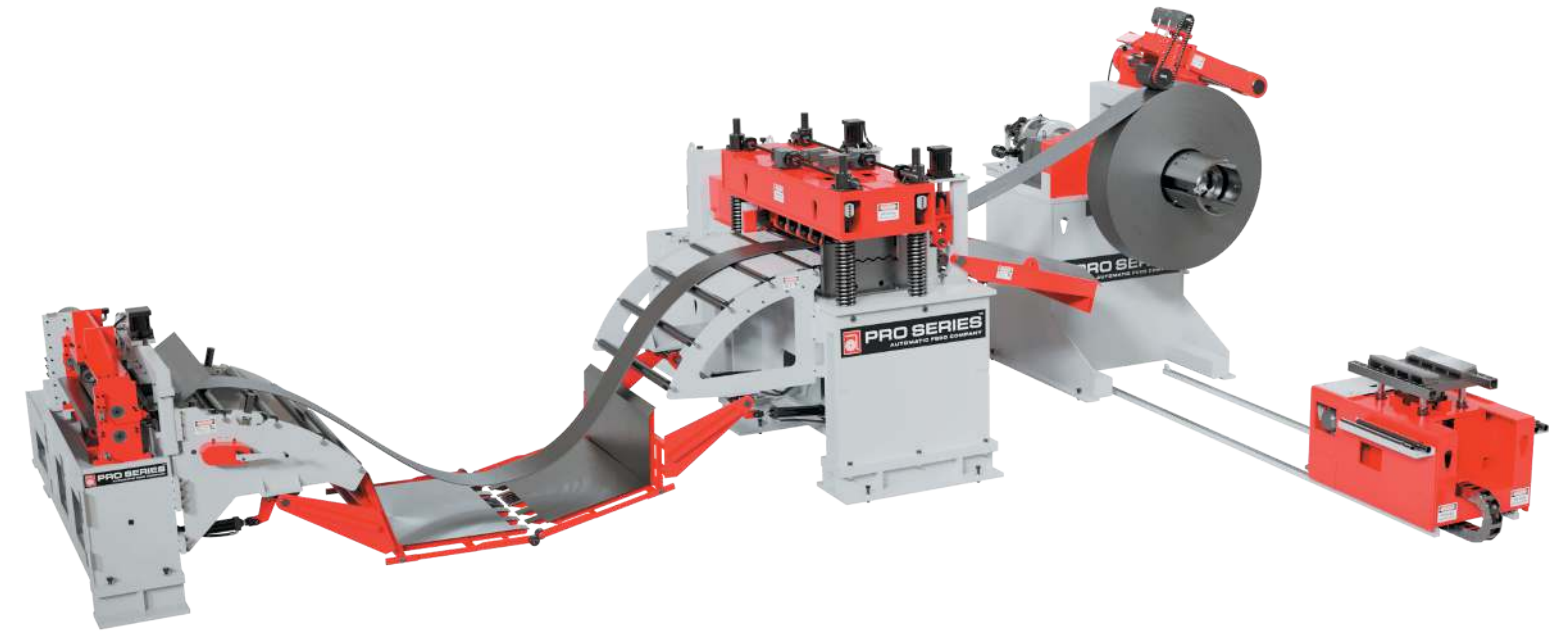
We've taken our high strength steel and aluminum processing experience and packaged it into our new and compact PRO Series coil lines. These systems are designed for feeding coil directly into a blanking or stamping press, shear or laser cell.

The PRO Series is available in three sizes perfectly suited for Tier suppliers who are processing UHSS, AHSS and/or aluminum for applications such as inner body panels and stamped parts. The PRO name says it all — our PRO 40 processes coil up to 40" wide, the PRO 60, up to 60" wide and the PRO 80, up to 80" wide.

Background

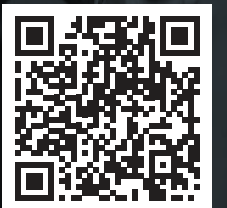
For the past few decades, Automatic Feed Company (AFCO) has primarily been recognized for providing automotive OEMs and Tier 1 suppliers with automated, high-speed blanking, cut-to-length and laser blanking lines for surface-critical applications. What may not be as well-known is that fact that for over 70 years, AFCO has also been supplying lines to the appliance, agriculture, truck and heavy construction industries, specializing in heavy gauge and high-strength steels.

While the OEMs still maintain much of their stamping in house, they rely heavily on Tier suppliers for much of the inner body blanks and progressive die stampings. With the new PRO Series coil feed lines, AFCO brings expertise for processing high strength steel and aluminum to the Tier stamping market.



Capabilities

- ↔ **Width:** PRO 40 up to 40" wide
 PRO 60 up to 60" wide
 PRO 80 up to 80" wide
- ≡ **Thickness:** 0.020" — 0.25"
- ⏏ **Material:** CRS, HRS, stainless, aluminum, AHSS
- ⌚ **Speeds:** Up to 160 FPM
- ⚖ **Coil weight:** Up to 60,000#
- ⚙ **Yield:** Aluminum up to 50 KSI (350 Mpa)
 and Steel up to 175 KSI (1,200 Mpa)
- 📏 **Footprint:** PRO 80 Series, the largest,
 is approximately 40' x 30'



For a broader list of capabilities, please visit:

automaticfeed.com/full-lines/pro-series



| GENERAL | PRO SERIES 40 | PRO SERIES 60 | PRO SERIES 80 |
|-----------------------|----------------------------------|---------------------------|---------------------------|
| Maximum Coil Weight | 27.25 metric Tons (60,000 lbs) | Same | Same |
| Material Thickness | 0.5 mm - 6.4 mm (0.020" - 0.25") | Same | Same |
| Coil Width | 100 mm - 1016 mm (4" - 40") | 100 mm - 1525 mm (4"-60") | 100 mm - 2032 mm (4"-80") |
| Coil Outside Diameter | 762 mm - 2032 mm (30" - 80") | Same | Same |
| Coil Inside Diameter | 508 mm - 610 mm (18" - 24") | Same | Same |
| Line Direction | To Be Determined | Same | Same |
| Feed Passline Height | To Be Determined | Same | Same |

| MATERIAL THICKNESS | PRO SERIES 40 | PRO SERIES 60 | PRO SERIES 80 |
|--------------------|------------------|------------------|------------------|
| Steel | 100 mm - 1016 mm | 100 mm - 1525 mm | 100 mm - 2032 mm |
| Steel | 4" - 40" | 4" - 60" | 4" - 80" |
| Aluminum | 100 mm - 1016 mm | 100 mm - 1525 mm | 100 mm - 2032 mm |
| Aluminum | 4" - 40" | 4" - 60" | 4" - 80" |

| MATERIAL WIDTH RANGE (MM) | PRO SERIES 40 | PRO SERIES 60 | PRO SERIES 80 |
|---------------------------|------------------|------------------|------------------|
| Steel | 100 mm - 1016 mm | 100 mm - 1525 mm | 100 mm - 2032 mm |
| Steel | 4" - 40" | 4" - 60" | 4" - 80" |
| Aluminum | 100 mm - 1016 mm | 100 mm - 1525 mm | 100 mm - 2032 mm |
| Aluminum | 4" - 40" | 4" - 60" | 4" - 80" |

| MATERIAL YIELD MPA | PRO SERIES 40 | PRO SERIES 60 | PRO SERIES 80 |
|--------------------|-----------------|---------------|---------------|
| Steel | 120 - 1200 MPa | Same | Same |
| Steel | 17.4 - 174 Ksi | Same | Same |
| Aluminum | 50 - 350 MPa | Same | Same |
| Aluminum | 7.25 - 50.8 Ksi | Same | Same |

| PRODUCTION SPEED | PRO SERIES 40 | PRO SERIES 60 | PRO SERIES 80 |
|------------------|------------------|---------------|---------------|
| Max Line Speed | 50 mpm (164 FPM) | Same | Same |



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