



DYNAMIC FEEDS/SP SERIES COMPACT FEED LINES (Reel and Combination Straightener-Feeder)

- Thickness Range: 0.030 - 0.157" (0.70 – 4.0mm) @ Full Width
- Maximum Material: Cross-section: 3.7 Inches² (2300 mm²)
- Width Range: 1.0 – 23.6" (25 - 600mm)
- Space saving length
- Reel and straightener-feeder mounted on common base for alignment
- Easy thread-up
- Programmable pilot release
- Hydraulic opening of straightener head for easy material loading

COMBINATION SINGLE REEL, STRAIGHTENER-FEEDER

Model Number	SMTCP600AET5p
Max. Coil Capacity	10,000 lbs. (5000 Kg)
Max. Width	23.6" (600 mm)
Thickness, mild steel	0.030" / 0.157" (0.6 – 4.0mm)
Max. Coil Outside Dia.	63" (1600mm)
Coil Inside Dia. range	18" to 21.5" (Others upon request) (470 – 560mm)
Number of Rolls	9 Work, 2 Entry Pinch
Roll Diameter	3.15" (80mm)
Voltage	480 Volts / 3 Phase / 60 Hz
Line Speed	780 inches/minute
SPM* at 180 degrees	4"=75, 8"=55, 12"=40, 16"=35
SPM* at 270 degrees	4"=75, 8"=75, 12"=60, 16"=55
Pass Line Adjustment	+/- 3.93" (100 mm)
Line Direction	L eft to Right
Color, Base	Off white
Color, Moving Parts	Safety yellow
Overall Length	13 feet, 2 inches (approx)
Crated Weight	6,615 lbs. (approx)

* Approximate rates for crank motion presses.
Actual rates may vary with specific application.

- Hydraulic power is provided from unit in reel base
- Hold-down arm on reel maintains outer coil wrap when coil bands are removed
- Straightener head includes 9 work rolls in bank arrangement and 2 entry pinch rolls
- Closely spaced roll centers in heavy casting maximize straightening capability
- Direct gear drive to lower work rolls, no chains or belts; gears in grease well
- All rolls are hardened 58/60 HRC
- Powered work roll depth adjustment
- Roll depth position digital readouts on console
- Rolls open wide alligator style (8", 200mm) for loading material, cleaning and pilot release
- Excellent for progressive die applications
- Common base, heavy welded plate machine cabinets, no special foundation
- Digital servo control and brushless motor
- Excellent accuracy and repeatability
- Press PLS signals automatic release of **all** rolls for die pilot positioning of material
- Operator console and remote pendant enables easy threading, coil through die
- Remote pendant for threading and setup
- Powered pass-line adjustment for easy setup of various jobs
- Reel decoils by brake release and/or power rotation by hydraulic drive
- Optical sensor monitors loop and modulates reel drive speed
- Coil keepers (6) standard on reel mandrel
- Hydraulic mandrel expansion through durable linkage type mechanism
- Easy threading of the coil
- Heavy-duty dual vertical roller (4 rollers) adjustable stock guides on the entry and exit
- Press mounting plate provided to maintain feed alignment