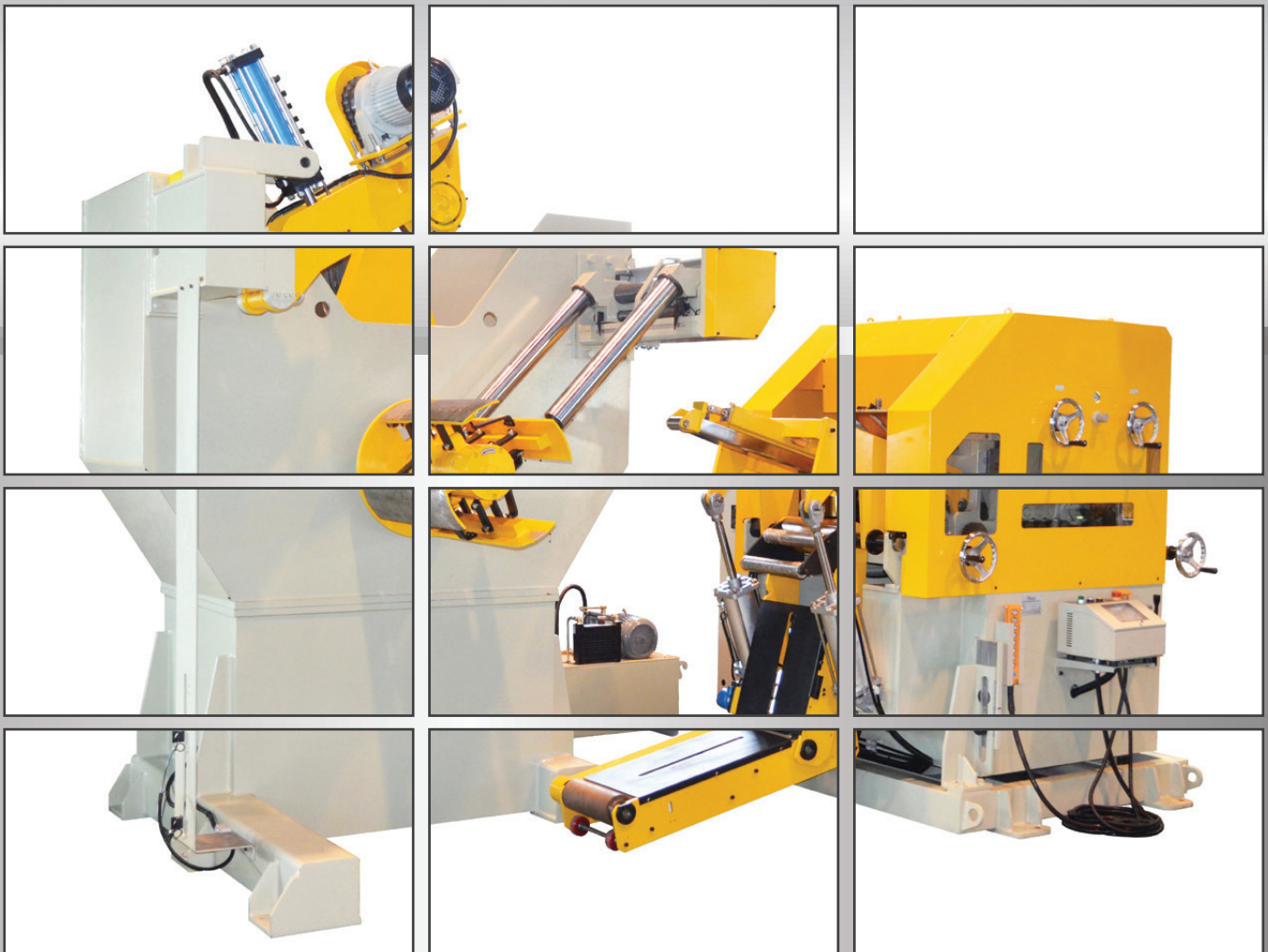




PRESS FEEDING and COIL HANDLING SYSTEMS



3-IN-1 SYSTEMS • 2-IN-1 SYSTEMS • SEPARATED EQUIPMENT • PRODUCTION LINES

Feeding and Coil Handling

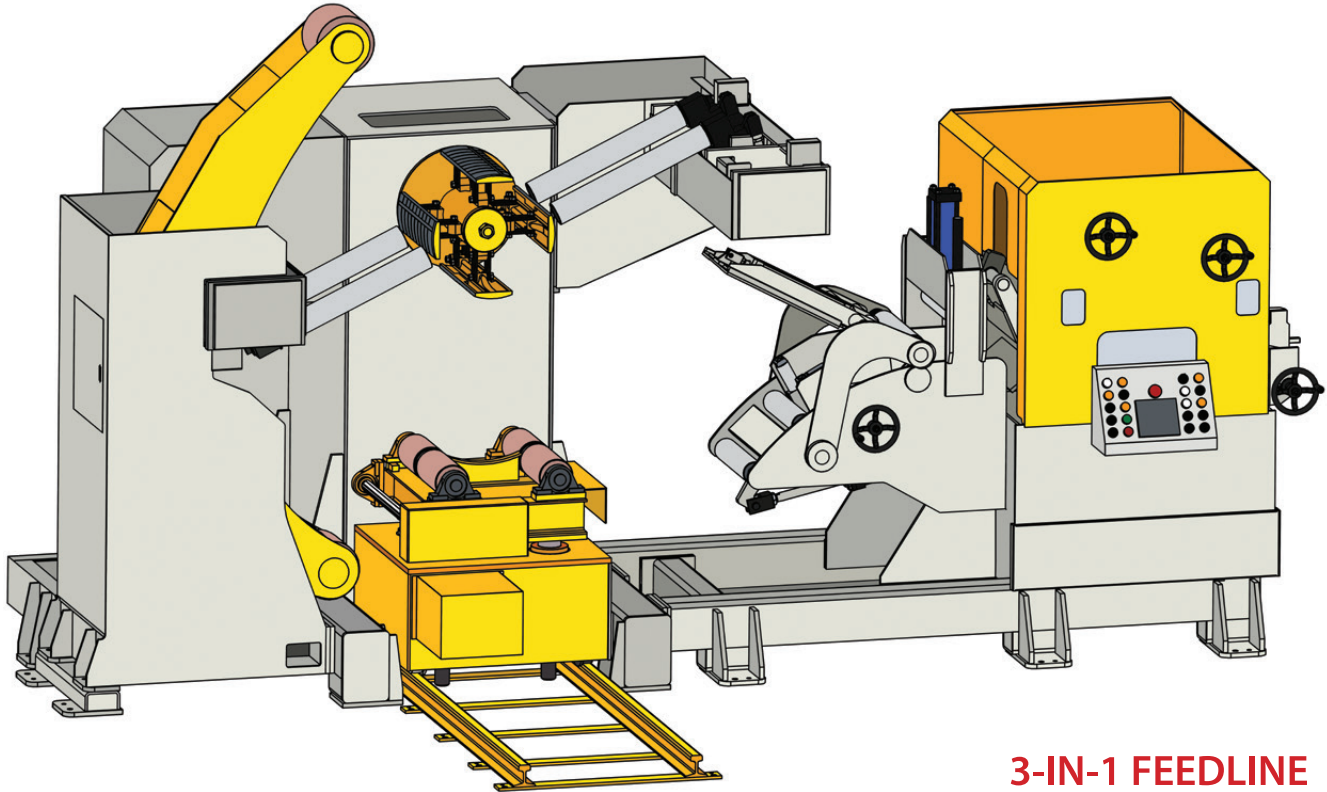
Stand-alone processing equipment or completely integrated lines

SMART / EFFICIENT PERFORMANCE

- Are you looking for a more flexible processing solution?
- Do you need to process a wide range of materials with different widths and thicknesses?
- Are you facing floor space constraints, but don't want to sacrifice capabilities?

STAMTEC Press Feeding and Coil Handling Systems provide the speed, quality and precision to exceed your most demanding stamping requirements.

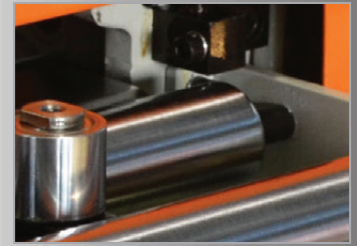
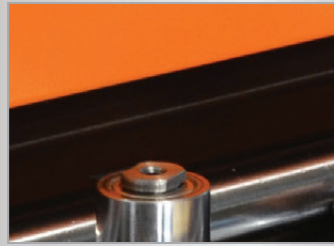
STAMTEC[®]
METAL STAMPING & FORMING EQUIPMENT



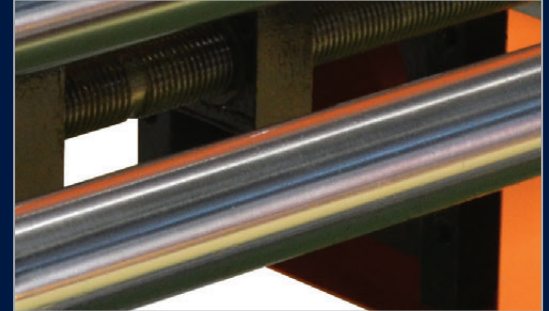
3-IN-1 FEEDLINE

Servo Feeder / Straightener / Uncoiler

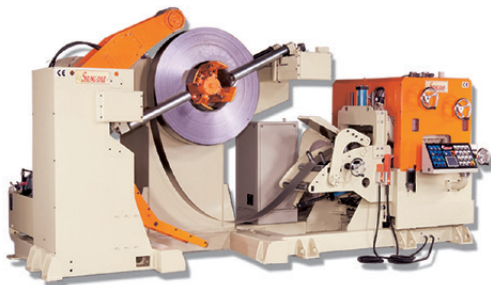
STAMTEC Press Feeding Solutions



- 3-IN-1 Systems
- 2-IN-1 Systems
- Separated Equipment
- Production Lines

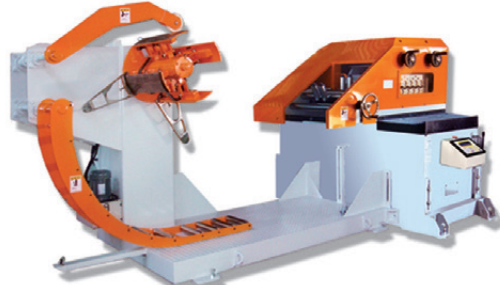


3-IN-1 Systems



Combination servo feeder, straightener and uncoiler.

2-IN-1 Systems



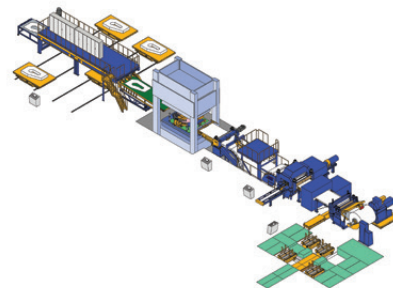
Compact straightener and uncoiler.

Separated Equipment



Individual uncoilers, straighteners, feeders and shears.

Production Lines

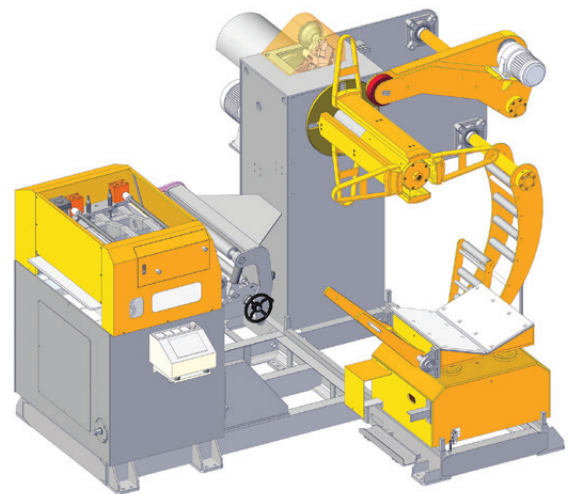


Blanking, slitting & cut-to-length, transfer & robot and press feeding lines.

3-IN-1 Feedlines

Servo Feeder, Straightener and Uncoiler

Stamtec 3-IN-1 Servo Feeder, Straightener and Uncoiler are accurate, built to handle a wide range of material width and thickness, and can reduce waste. Our ergonomic design provides more efficient operation and enhanced capabilities meet your specific press room needs.

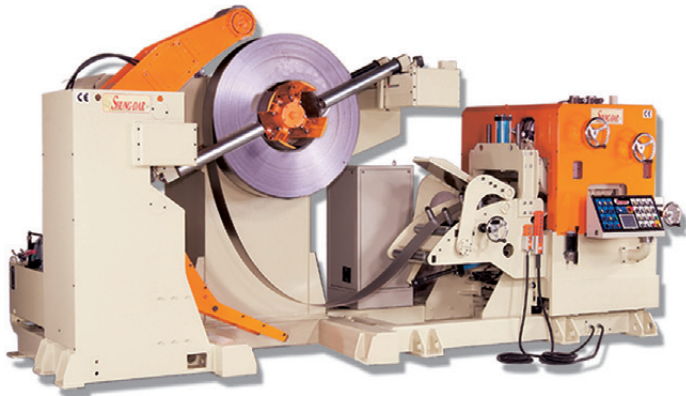


Feeder / Straightener Features

- AC servo drive - digital control
- Powered defender threading assembly
- Full width upper and lower feed rolls
- Optimized roll diameter and center distance
- 7" LCD screen touch panel for setup
- Heavy duty cabinet base with + / - 100 mm of height adjustment
- Pivoting type feeder - straightener head for piloting operations
- Properly configured type and quantity of straightening rolls for optimum straightening capability
- Centralized control for reel and feeder
- Dual rolls entrance edge guides by motorized
- Upper straightener roll height scales and pointers
- Remote jog pendant for material threading
- 3 roll catenary support section with full side plates

3-IN-1 Feedline Features

- Compact design saves floor space
- Heavy duty construction
- Coil thickness to 12 mm (0.47 in.)
- Coil weight up to 30,000 kg (66,138.68 lbs.)
- Variable speed drive
- Engineered solutions for a variety of material types
- Multiple modes for feeding material to the press



Coil Reel Features

- Jog pendant for coil loading and threading
- AC variable speed drive-digital control
- Single end reel configuration
- Heavy duty backplate
- Hydraulic mandrel expansion feature
- Coil hold down arm and support arm operative by hydraulic motorized
- Upper dual coil guide assembly adjustment by hydraulic cylinder
- Lower dual coil guide assembly adjustment by hydraulic cylinder
- Loop control system with photo eyes

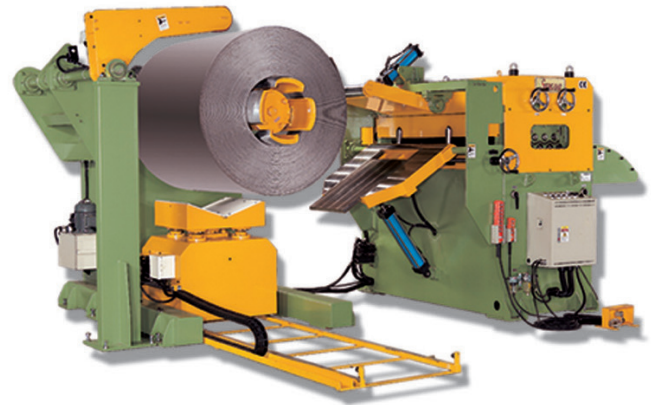
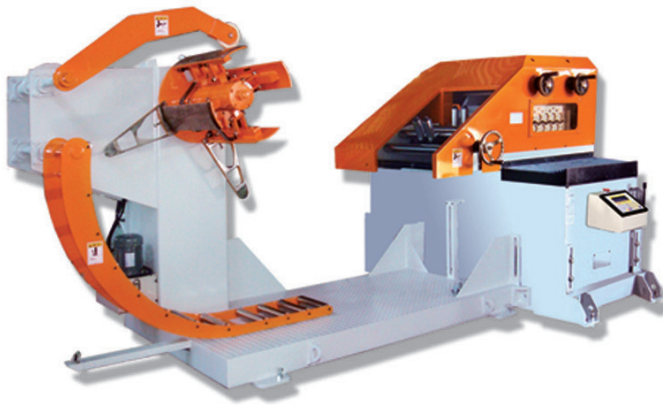
3-IN-1 SERVO FEEDER / STRAIGHTENER / UNCOILER

Max coil width	in.	1.97 ~ 74.80
	mm	50 ~ 1900
Coil thickness	in.	0.01 ~ 0.47
	mm	0.3 ~ 12
Coil I.D.	in.	Ø 20
	mm	Ø 508
Coil O.D.	in.	Ø 47.24 ~ Ø 59.06
	mm	Ø 1200 ~ Ø 1500
Coil weight	lbs.	2204.62 ~ 66138.68
	kg	1000 ~ 30000
Mandrel expansion		Manual and Hydraulic
Mandrel brake		Air disc brake
Uncoiler drive type		AC motor
Pinch roller		2 pcs
Straightening roll		Upper 3 ~ 5 Lower 3 ~ 5
Feed roll		2 pcs
Feeder drive type		AC servo motor
Feed speed		16 ~ 20
Air pressure	PSI	71.12
	kg / cm2	5
Air pilot release		Included
Loop control		Photo sensor
Machine weight	lbs.	2204.62 ~ 32848.88
	kg	1000 ~ 14900

2-IN-1 Feedlines

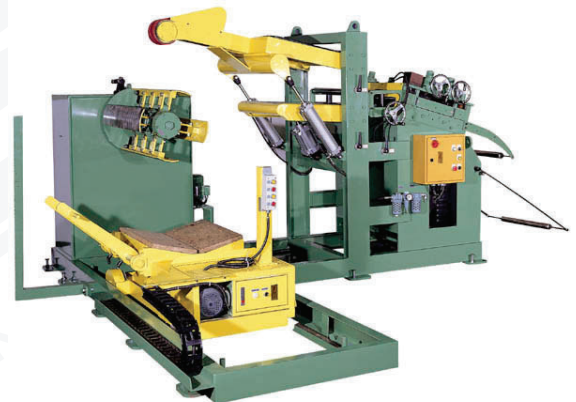
Compact Straightener and Uncoiler

Stamtec 2-IN-1 Compact Straightener and Uncoiler provides optimum straightening and excellent value. The modular design can handle a wide range of material widths and thicknesses to increase production capabilities for thin to heavy-duty stamping applications.



2-IN-1 Feedlines (Compact Straightener and Uncoiler)

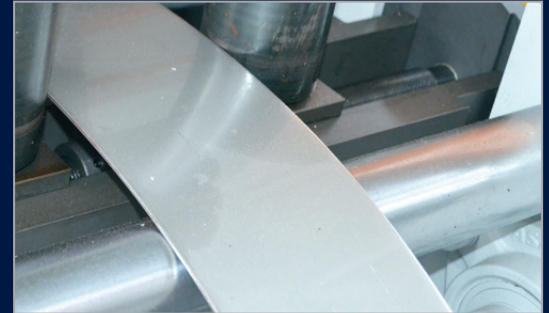
2-IN-1 STRAIGHTENER / UNCOILER		
Max coil width	in.	7.87 ~ 62.99
	mm	200 ~ 1600
Coil thickness	in.	0.01 ~ 0.18
	mm	0.3 ~ 4.5
Coil weight	US Tons	3.31 ~ 27.56
	Metric Tons	3 ~ 25
Straightening rolls		7 ~ 22



2-IN-1 Feedline Features



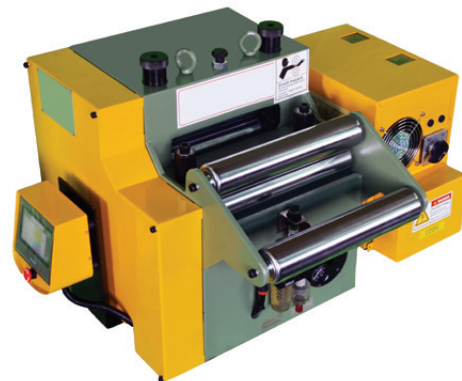
- Compact design saves floor space
- Heavy duty construction
- Coil thickness to 4.5 mm (0.18 in.)
- Coil weight up to 27.56 tons
- Variable speed drive
- Engineered solutions for a variety of material types
- Multiple modes for feeding material to the press



Separate Servo Feeders

Stamtec 2-IN-1 Feedlines (compact STRAIGHTENER and UNCOILER) require a separate SERVO FEEDER for feeding continuous coil operations.

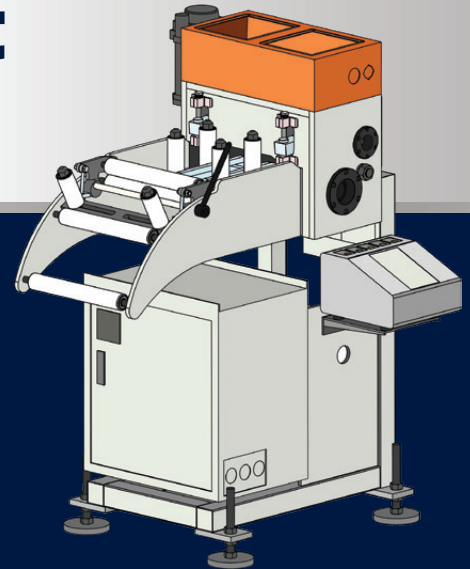
SERVO FEEDERS		
Coil width	in.	7.87 ~ 62.99
	mm	200 ~ 1600
Coil thickness	in.	0.004 ~ 0.315
	mm	0.1 ~ 8.0



Separated Equipment

Uncoilers, Straighteners, Feeders and Shears

Stamtec Uncoilers, Straighteners, Feeders and Shears provides a modular approach to increase production capabilities and streamline your processing requirements.



Uncoilers

Stamtec UNCOILERS are designed for exceptional performance and durability. Uncoilers can be matched with straighteners and feeders to provide a complete system with a wide range of material width and coil weight capabilities.

UNCOILERS		
Coil width	in.	11.81 ~ 78.74
	mm	300 ~ 2000
Coil weight	US Tons	1.10 ~ 33.07
	Metric Tons	1 ~ 30



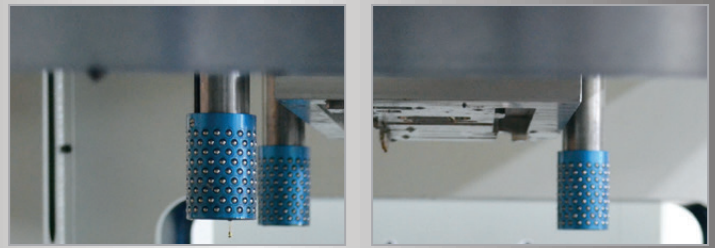
Straighteners

When floor space is at a premium, Stamtec STRAIGHTENERS are your solution. Equipped with entrance and exit rolls and adjustable brakes, our straighteners offer increased flexibility, adjustable speeds and easy loading.

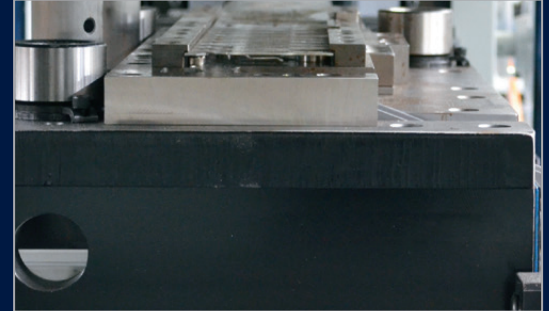
STRAIGHTENERS		
Coil width	in.	7.87 ~ 62.99
	mm	200 ~ 1600
Coil thickness	in.	0.004 ~ 0.126
	mm	0.1 ~ 3.2
Straightening roll	pcs	7 ~ 22



Separated Equipment Solutions



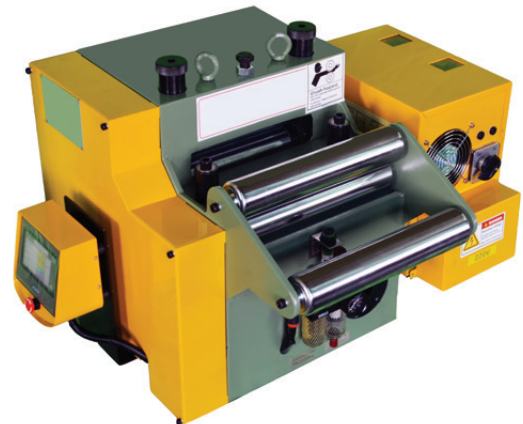
- Uncoilers
- Straighteners
- Servo Feeders
- Shears



Servo Feeders

Stamtec SERVO FEEDERS offer a modular design, rugged construction and high quality components to ensure exceptional performance and dependable feeds.

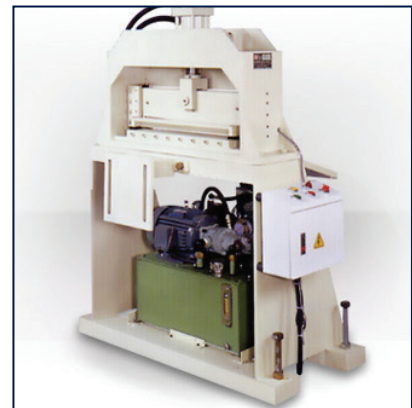
SERVO FEEDERS		
Coil width	in.	7.87 ~ 62.99
	mm	200 ~ 1600
Coil thickness	in.	0.004 ~ 0.315
	mm	0.1 ~ 8.0



Shears

Stamtec SHEARS are a dependable option for cutting continuous coil into blanks. Our shears can be integrated into a new or existing blanking or transfer press systems.

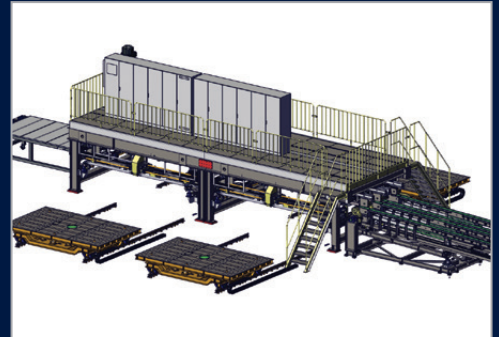
SHEARS		
Coil thickness	in.	7.87 ~ 62.99
	mm	200 ~ 1600
Coil width	in.	0.01 ~ 0.24
	mm	0.3 ~ 6.0



Production Lines

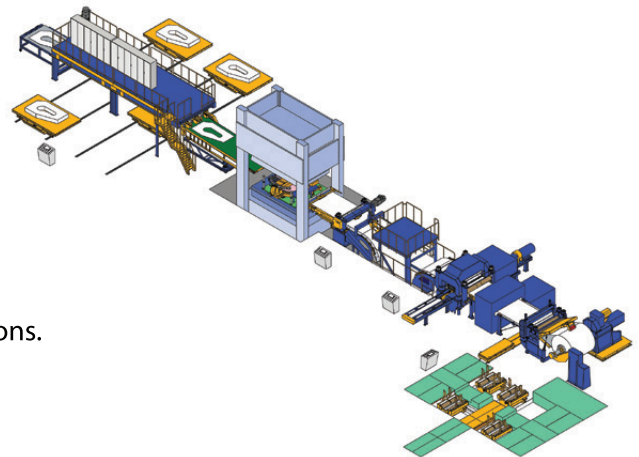
Blanking, Slitting & Cut-To-Length, Transfer & Robot and Press Feeding Lines

Stamtec designs, engineers and integrates complete production lines, capable of processing a wide range of material types, thickness, yield strength, widths and weights. Custom line solutions, built with equipment designed specific to your needs and requirements.

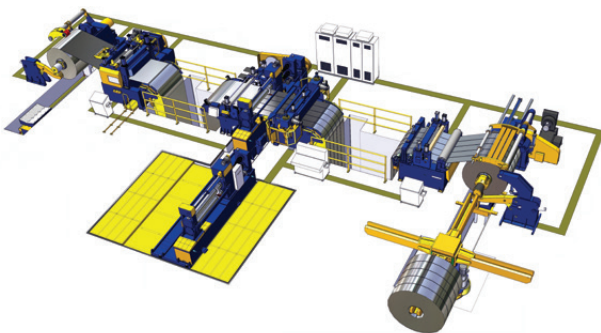


Blanking Lines

- Coil car automatic loading and automatic threading.
 - High accuracy straightening device.
 - Feeder driven by servo motor. High feeding accuracy.
 - Enhanced operator safety.
 - Micro feeder device to reduce waste of material.
 - Able to process maximum width 2000mm, thickness range 0.3 - 6.0mm, and maximum weight 35 tons.
- Production lines customized according to actual needs.



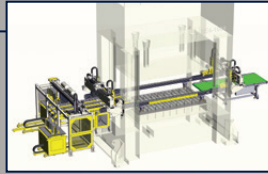
Slitting and Cut-to-Length Lines



SLITTING AND CUT-TO-LENGTH LINES

Max. coil width	in.	31.50 ~ 78.74
	mm	800 ~ 2000
Coil thickness	in.	0.008 ~ 0.472
	mm	0.2 ~ 12
Coil weight	US Tons	8.27 ~ 35.58
	Metric Tons	7.5 ~ 35
Weight	lbs.	11023 ~ 66138
	kgs	5000 ~ 30000

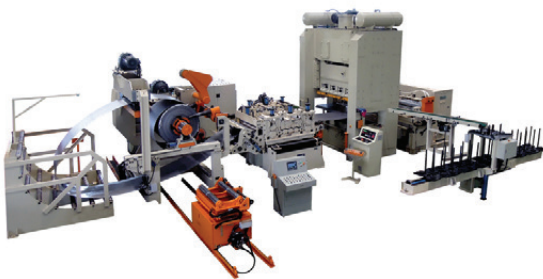
Transfer Units and Robot Lines



TRANSFER UNIT		
Pitch	in.	0 ~ 5.91 - 13.78
	mm	0 ~ 150 - 350
Gripper stroke per side	in.	0 ~ 2.36 - 5.19
	mm	0 ~ 60 - 150
Lift stroke	in.	0 ~ 1.58 - 2.36
	mm	0 ~ 40 - 60
Max. speed	spm	25 ~ 40
Weight	lbs.	15 ~ 88.19
	kgs	15 ~ 40

ROBOT SYSTEMS		
Pitch	in.	29.92 ~ 137.80
	mm	760 ~ 3500
Lift / lower stroke	in.	1.58 ~ 5.51
	mm	40 ~ 140
Cycle time	in.	1.5 ~ 5.0
Weight	lbs.	22.05 ~ 88.19
	kgs	10 ~ 40
Clamp type	Vacuum / Electric Magnet / Clamp	
Accuracy	in.	±0.008 ~ 0.059
	mm	±0.2 ~ 1.5
Drive	Servo Motor (certain models)	

Transfer Press Feeding Lines



TRANSFER PRESS FEEDING LINES		
Max. coil width	in.	31.50 ~ 78.74
	mm	800 ~ 2000
Coil thickness	in.	0.012 ~ 0.472
	mm	0.3 ~ 6
Coil weight	US Tons	8.27 ~ 33.07
	Metric Tons	7.5 ~ 30
Weight	lbs.	11023 ~ 66138
	kgs	5000 ~ 30000

Magnetic Stacker System

- Substantially increases productivity with line speed 120M / min., which is twice the traditional stacking system speed.
- Dual stacking system to ensure non-halting of the production line. Front / back stacker automatic swapping system to reduce the unloading time when the blanks are full.
- Material surface protection.



As one of the largest press builders in the world, Stamtec has been providing dependable, high-performance metal stamping presses for more than 40 years in North America and 70 years worldwide. We also provide fully integrated press production systems including servo coil-feeding lines, transfer systems, quick die change systems, etc. Our 72,000 sq. ft. sales, service, logistics, and assembly facility in Tennessee is home not only to North America's largest inventory of new presses and spare parts, but also our most important asset - our people. Our staff of engineering, sales, service, and support personnel are here to serve you in the most timely and professional manner. Please contact us any time for a free professional consultation about your press production needs. We'd welcome the opportunity to help you!



Gap Frame
Presses



Straight Side
Presses



Servo
Presses



Forging
Presses



Coil Feeding &
Handling Systems



STAMTEC, INC.

4160 Hillsboro Highway
Manchester, TN 37355 U.S.A.
TEL: +1-931-393-5050
FAX: +1-931-393-5060
stamtecpresses@stamtec.com
www.stamtec.com

STAMTEC EQUIPOS de ESTAMPACIÓN

Cerrada la Noria No. 200 Int. B-10, Querétaro Park II,
Parque Industrial Querétaro,
Santa Rosa Jáuregui, Querétaro, CP. 76220
TEL: +52-442-101-9555
stamtecpresses@stamtec.com
www.stamtec.com/es

