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# **Coe Press Equipment Corporation**

## **The Company That Feeds an Industry**

In 1976, Coe Press Equipment began manufacturing air feeds and coil cradles. In 1982, we introduced our first servo feed – a technology that propelled us into designing our own line of servo feed controls, and set us on our current path of producing customized solutions to meet each customer's exact needs. We were the first manufacturer to develop a single-point entry interface for our servo feeds. Today, Coe Press Equipment and the SESCO Products Group design and manufacture a complete line of premier coil handling and servo roll feed equipment. From our high value ServoMaster Series of roll feeds, power straighteners and coil reels, to our fully integrated coil processing systems, we are acknowledged as a leader and innovator in the metalstamping industry.

Coe Press Equipment offers the widest range of equipment and solutions, and we service the widest range of markets in the metalstamping industry. Our customers include Automotive OEM's, Tier 1 and Tier 2 Suppliers, Appliance, HVAC, and Lighting Manufacturers, Steel Service Centers, Lawn and Garden OEM's, Tool and Die Shops, Electrical Manufacturers, and various

Contract Stampers. All new products developed by our dedicated Research and Development staff are designed and modeled with our Solidworks Plus 3D solid modeling software. Our efficient Production Engineering staff utilizes the latest AutoCAD software to provide accurate proposal drawings, line layouts, and detailed designs for our valued customers.

Our vertical integration distances us from our competition. From machine concept and production engineering, through procurement, welding, machining, assembly, quality control, start-up, and service no other company offers the manufacturing expertise of Coe Press Equipment. Our 70,000 square foot manufacturing facilities and CNC machining capabilities are the basis for our world-class quality and on-time deliveries. Coe Press Equipment was the first company in the metalstamping industry to support our customers with our 24 Hour Technical Service Hotline. After delivery, into start-up, and through production, we work as your partner. Additionally, our industry leading "3-2-1" Warranty provides unequalled assurance that our products will perform beyond expectations in our customer's plant.



**SESCO**  
Products Group

**COE**  
Coe Press Equipment

7200 Interstate 20 Kennedale TX, 76060

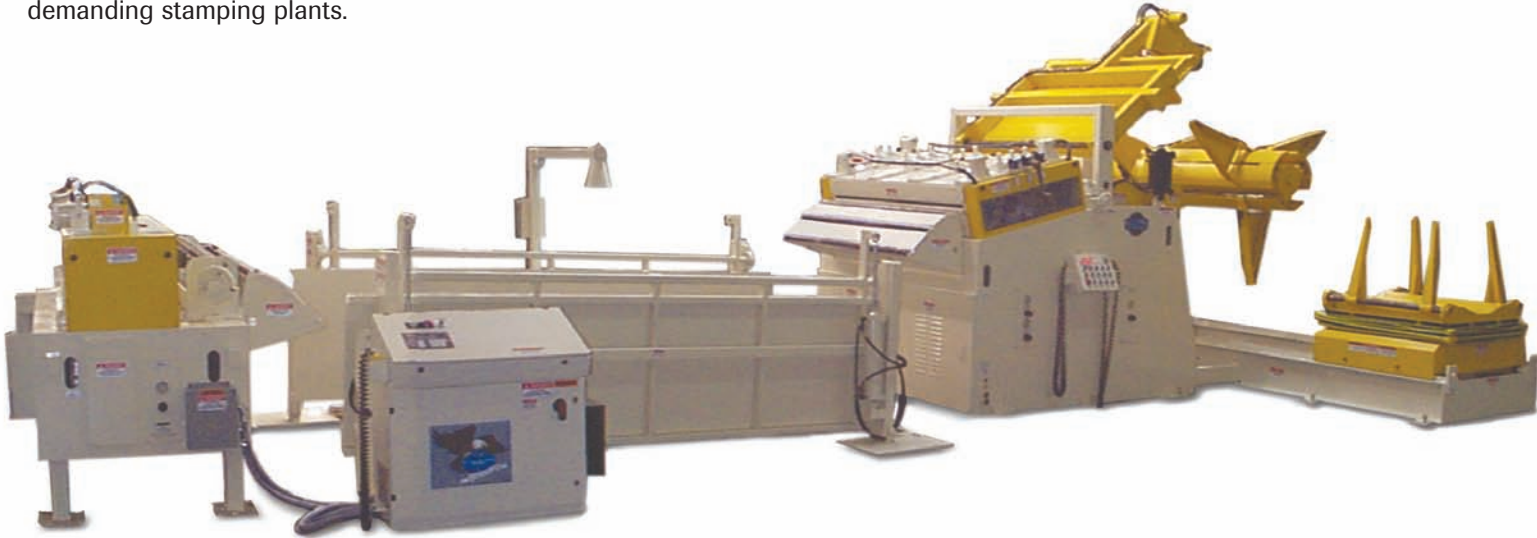




## OUR TECHNOLOGY

### Conventional Coil Feed Lines

Coe Press Equipment and the SESCO Products Group have developed a reputation as experts in the application of progressive die feeding. Our conventional coil feed lines are designed to process the widest range of material types, thickness, yield strength, width, and weight. A wide range of standard machine models are available and combined with optional features to provide a customized solution for each application, whether our customers require a small 6" wide x 4,000# standard line or a 72" wide x 60,000# fully automated line. Our state-of-the-art controls packages are designed to be both user-friendly and reliable even in the most demanding stamping plants.



### Direct Transfer Press Feed Lines

Coe Press Equipment and the SESCO Products Group have developed a unique technology for the direct feeding of large-bed transfer presses. This advanced solution combines the high efficiency of coil stock feeding with the flexibility of blank feeding. Coil feeding equipment is combined with shear press technology and servo-driven indexing conveyors to offer the most efficient transfer press feed systems. Additionally, the flexibility of blank destacking can be included to provide up to 6 unique modes of feeding material into the transfer press to optimize efficiency and reduce costs. Our customers achieve higher stroke rates, decreased downtime, reduced labor costs, lower tooling costs, and less material handling with these systems.

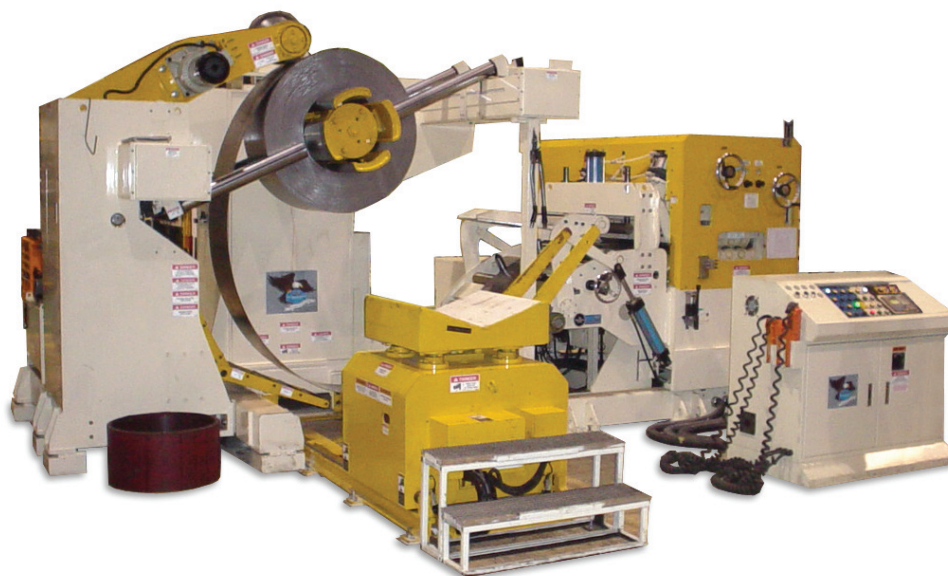




## OUR TECHNOLOGY

### SpaceMaster Compact Coil Lines

Coe Press Equipment has introduced the Compact Coil Line as a space saving system that combines the three functions of unwinding, straightening, and feeding. This compact machine saves valuable plant floorspace. The combination feeder-straightener provides true pilot release functionality and eliminates the need for an excessive slack loop. This unit is driven by a closed loop servo motor. Coil payoff is by a motorized coil reel driven by an AC inverter duty motor. Coil containment and "hands-free" threading are provided by a hydraulic hold down and motorized endwheel, threading hold-up arm, threading assist roll, debender station, and powered coil guides. No other system in the metalstamping industry combines the features and value of the SpaceMaster Series.



### Cut-to-Length Lines

With more than 100 years of application experience, Coe Press Equipment and the SESCO Products Group offer a wide range of Cut-to-Length solutions. Whether our lines are required to process light-gauge materials in a non-marking line or heavy-gauge hot rolled materials in a heavy-duty line, we provide a custom engineered system to meet each customer's needs. Our Cut-to-Length lines can be configured with hydraulic shears, mechanical shears, or oscillating shears to provide a wide variety of blanks. Blank flatness is assured by our close-centered precision straighteners or fully integrated corrective levelers. Stacking solutions include single station and multiple station stackers, finger drop stackers, air drop stackers, and our recently developed magnetic-finger drop stackers that are designed to process the widest range of materials.





## INDIVIDUAL EQUIPMENT

### ServoMaster Series

The ServoMaster Series of servo roll feeds provides the highest capacity to feed coil stock material at the most competitive market prices. These feature rich and high performance machines are of modular construction of common components as the basis of their effective price. Starting with the Series 1 with 2.25" dia. rolls through the Series 4 with 4.0" dia. rolls, these feeds are capable of processing material from .010" to .310". Machine widths from 6" to 54" are standard. Production rates up to 300 cycles per minute are obtainable. Standard equipment for the ServoMaster Series includes: AC brushless servo motor with closed loop positioning, low inertia drive with sheaves and non-stretch Kevlar belt, precision cluster gear driven upper roller, accuracy of +/- .003", true pivoting upper feed roll for pilot operation, adjustable stroke cylinder with single point pilot stroke adjustment roll catenary section, ergonomic slant-top control console, and the user-friendly ServoMaster Controller.



### Servo Roll Feeds

Coe Press Equipment combines intelligent design, high quality components, and precision assembly to produce a full range of dependable and versatile heavy-duty servo roll feeds. Roll feed widths from 12" through 84" and feed roll sizes from 5.0" dia. through 8.0" dia. are standard. Material thickness ranges from .010" to .625" can be processed. Standard features and benefits provided on all servo feeds include: AC brushless servo motor with closed loop positioning, alloy pulley and non-stretch Kevlar timing belt drive, cluster gear drive of upper roller, accuracy of +/- .003", heavy duty fabricated cabinet, adjustable feed height, self-centering and independent material edge guides, adjustable stroke pilot release mechanism, and catenary material support rollers.



### Power Straighteners

The full line of power straightener equipment can process material at widths from 1.0" to 84.0" and thickness from .010" to .625". The correct design of breaker roll diameter and center distance spacing provides effective removal of coil set for all material types and size combinations. Breaker roll sizes from 1.75" to 6.00" are available with the capability of providing roller "back-ups" for low deflection applications. Standard features and benefits on this equipment include: heavy duty fabricated base, seven (7) breaker rolls, close tolerance cluster gear drive train, independent height adjustment of breaker rolls, entrance side pinch rolls, exit side pinch rolls, AC variable speed drives, material edge guide system, loop control system, and peeler / threader / hold down devices for "hands-free" material threading.



### Coil Reels

Coe Press Equipment single-end or double-end coil reels have capacities ranging from 2,500 lbs to 60,000 lbs and widths ranging from 12" to 84". Both motorized and pull-off type reels are available depending on the application. The design of our reels incorporates unique "bearing tube" support for the mandrel and a heavy-duty support base. Standard features and benefits of this equipment include: manual or hydraulic expansion of mandrel, wedge or link type expansion, AC variable speed drives, hydraulic threading drives, quick-release narrow coil keepers, and variable speed loop control. A wide variety of options, including traveling coil cars, coil upenders, and coil turnstyles are available for just-in-time coil changes.

### SpaceMaster Series

Coe Press Equipment has developed the SpaceMaster Series of Compact Coil Lines as a space-saving system that combines the three functions of unwinding, straightening, and feeding. This compact machine provides optimum efficiency and saves valuable plant floorspace. The entire machine is rigidly mounted on a common machine base. It features a combination feeder/straightener unit that eliminates the need for an excessive slack loop. This unit is driven by a closed loop servo drive and motor for precise indexing of the coil for progressive die operations. Payoff is by a motorized coil reel driven by an AC inverter-duty motor. Operation efficiency is assured with "hands-free" threading features such as hydraulic hold-down with motorized endwheel, threading hold-up arm, threading assist rolls, and a threading debender assembly. Effective pilot release of the feeder-straightener is achieved by a precision eccentric lift mechanism. The SpaceMaster is available in 3 different models for coil up to .250" thick, coil widths up to 64", and coil weights up to 40,000#.



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