High capacity, 36" x .250" x 20,000 lb. integrated system solution for a major manufacturer specializing in high volume progressive and transfer stampings for the electric motor, lawn and garden, recreational vehicle, food service and automotive industries. The line features an extra high capacity electronic feed, coil staking and coil car for automatic coil loading and fast, easy changeovers.

**MODEL 36PTT22 PNEUMATIC THREADING TABLE**
Features conveniently located solenoid controls and solid sheet steel surfaces to eliminate stock hang-ups common with rail construction.

**THREADED SYSTEM**
Significantly reduces set-up time by aiding the operator in threading the lead edge of material. Consists of peeler table, blade, hold-down arm with powered roll, powered threading roll and hydraulic coil end binder.

**MODEL 20042 CLC COIL LOADING CAR AND COIL STORAGE RACK**
For fast, efficient coil handling and loading. Features rugged steel welded chassis, four wheel drive, hydraulic overload protection and anti-tip arms. Ten-foot storage rack provides staging area for up to three (3) full width coils.

**MODEL 6R-36 PLAIN STOCK REEL**
20,000-lb. capacity with sturdy sliding wedge expansion, self-centering hydraulic expansion arms, forward/reverse inching drive system, pneumatic brake.

**SERVOMAX CONTROL**
Full-featured control with 80-character display, batch count, 60 memory, 360 degree pan,ão, jog-to-length and remote jog station.

**SYSTEM SOLUTIONS: STRAIGHTENING**
Heavy-duty, power-driven split gear train design offered by CWP straighteners distributes power evenly and efficiently to lower straightening rolls and entry/exit pinch rolls. All units are designed for maximum coil set removal for improved feeding efficiency. Standard models from 6" to 72" widths in 7-roll design. Optional 8" or more rolls are available.

**MODEL 66-36 PLAIN STOCK REEL**
20,000-lb. capacity with acryl sliding wedge expansion, self-centering hydraulic expansion arms, forward/reverse inching drive system, pneumatic brake.

**SERVOMAX ROLL FEED**
Delivers coil stock material to press and other operations with unsurpassed speed and accuracy. Features high precision ball bearings, 24" long roller table, precision gear drive, backup rolls and handwheel edge guides.

**MODEL 36PTT22 PNEUMATIC THREADING TABLE**
Features 100 FPM modulating drive for smooth payout of material, ultrasonic non-contact gap control, cluster pusher, hydraulic head and pinch roll adjustment, exit cascade, auto lubricating system, self-centering edge guides and space-saving angular head mount design.

**MODEL 36-64PDS STRAIGHTENER**
Features 100 FPM modulating drive for smooth payout of material, ultrasonic non-contact gap control, cluster pusher, hydraulic head and pinch roll adjustment, exit cascade, auto lubricating system, self-centering edge guides and space-saving angular head mount design.

**MODEL SMX36H6 SERVOMAX ROLL FEED**
Delivers coil stock material to press and other operations with unsurpassed speed and accuracy. Features high precision ball bearings, 24" long roller table, precision gear drive, backup rolls and handwheel edge guides.

**MODEL 20482 CLC COIL LOADING CAR AND COIL STORAGE RACK**
For fast, efficient coil handling and loading. Features rugged steel welded chassis, four wheel drive, hydraulic overload protection and anti-tip arms. Ten-foot storage rack provides staging area for up to three (3) full width coils.

**www.cwpcoil.com**
Call 1-800-247-COIL For Coil Processing System Solutions.
This heavy-duty, integrated system solution was built for a major, tier one automotive supplier. The 72” wide x 40,000 lb. x .125” line features a double spindle payoff reel design that increases productivity by allowing one side to be loaded while the other side is paying off stock. The double spindle design allows the customer to significantly save coil loading time, especially when partial coils are utilized on a regular basis.

MODEL 72HDD7 POWERED STRAIGHTENER
Features 150 FPM modulating drive for smooth payout of material, ultrasonic non-contact loop control, cluster gearing, digital roll position readout, air lifted pinch roll, self-centering auto lubricating system, self-centering edge guides and space-saving, angular head mount design. Attached peeler table and blade, consolidated pushbutton controls and system status display.

MODEL SMX72HDSE4 SERVOMAX
Four-roll feed delivers coil stock material to presses and other operations with unsurpassed speed and accuracy. Features high performance brushless motor, full width, matte chrome backed-up feed rolls, self-centering edge guides and auto lubrication.

MODEL 10RD-72 DOUBLE PLAIN STOCK REEL
Double reel design saves coil loading time and increases productivity. Rugged base, two-pressure air drag brake system, self-centering hydraulic arms, inching drive, power indexing, self-centering hydraulic expansion arms and reel-mounted hold-down arms.

MODEL 40060CLC COIL LOADING CAR AND TURNTABLE
Speeds coil handling and loading. Features rugged steel welded chassis, two-wheel drive, hydraulic overload protection and anti-tip arms. Turntable provides 90° turn of coil loading car.

SERVOMAX* FEED CONTROL
Features 6-line, 40-character display with prompting and diagnostic data, forward/reverse jog, jog-to-length and in-motion length adjustments.

SYSTEM SOLUTIONS: FEEDING
CWP servo roll feeds from 6” to 78” widths with maximum capacity ranges of .078” to 3/8” material thickness and automated microprocessor controls are seamlessly integrated into coil processing system solutions. Shown opposite is a 78” four-roll feed that provides twice the surface area with one-half the roll pressure – reducing marking on highly sensitive pre-painted materials.
A leading contract stamping company produces a variety of parts with this 72" wide x 50,000 lb. x .125" automated system solution. The large capacity integrated system features a heavy-duty turnstile with 360° rotation and coil car providing efficient staging of coils and automated coil loading and unloading for just-in-time production demands.

**SYSTEM SOLUTIONS: TOTAL SYSTEM CONTROL**
CWP provides a variety of high performance control options, including user-friendly Total System Control (TSC) technology. TSC touch screen displays are designed to reduce the set-up time associated with coil thread-up and thickness changes. The TSC graphic interface enables operators to automatically set the straightener rolls and feed passline height by preprogrammed job number stored at the touch screen interface of the feed control. Other features include 999-job memory and a built-in Ethernet port for real-time production monitoring.

**HEAVY-DUTY TURNTABLE**
Turnstile features 360° rotation and provides staging of coils and automated coil loading and unloading.

**MODEL 72HDPT POWERED STOCK STRAIGHTENER**
Features air-lifted pinch rolls, space-saving slant top cabinet, adjustable edge guides, ultrasonic non-contact edge sensors, auto lubrication system, exit cascade and modulating drive for smooth, fast payout to feed.

**SERVOMAX® MODEL SMXHD72SE4 HIGH CAPACITY FOUR-ROLL FEED**
Heavy-duty feed with anti-backup rolls, adjustable edge guides, auto lubrication and entraincemagainst. Servomax control provides batch round, 60-job memory, forward/reverse jog, length and remote jog station.

**MODEL 10R-72 SINGLE PLAIN STOCK REEL**
50,000-lb. capacity with drum-type mandrels, self-centering hydraulic expansion arms, inching drive, ultrasonic tension control braking system, positioning scale and fully adjustable keepers.

**MODEL 50060CLC COIL LOADING CAR**
For fast, efficient coil handling and loading. Features rugged steel welded chassis, four wheel drive, fender-style bumpers, hydraulic overload protection and anti-tip arms.

**MODEL 7200D7 HOLD-DOWN PEELER SYSTEM**
Features straightener-mounted hold-down arm, powered rider roll, threading table, powered back, breaker bar, cropping shear and consolidated hand controls.

**MODEL 7200D7 HIGH CAPACITY FOUR ROLL FEED**
Heavy-duty feed with anti-backup rolls, adjustable edge guides, auto lubrication and entraincemagainst. Servomax control provides batch round, 60-job memory, forward/reverse jog, length and remote jog station.

**MODEL 10R-72 SINGLE PLAIN STOCK REEL**
50,000-lb. capacity with drum-type mandrels, self-centering hydraulic expansion arms, inching drive, ultrasonic tension control braking system, positioning scale and fully adjustable keepers.

**MODEL 72HDPT HIGH CAPACITY TURNSTABLE**
Turntable features 360° rotation and provides staging of coils and automated coil loading and unloading.

**CALL 1-800-947-COIL FOR COIL PROCESSING SYSTEM SOLUTIONS.**

www.cwpcoil.com
17-Roll Straightener for Precision Flatness

60" wide, 30,000 lb. x .125" thick ServoFeeding System. Right to left: Coil Loading Car, 8R Stock Feeder, Hold-Down, Feeler, 17-Roll "HPS" Straightener, Threading Table and Precision 4-Roll ServoMax feed. Ideal for most appliance and furniture industry applications where precision flatness of prepainted panels are routine.

www.cwpcoil.com

Cut-To-Length System Solutions

48" wide, 30,000 lb. x .200" ServoFeeding System. Right to left: 7R Series stock reel, Model 30060 coil car, Model 64 Series straightener with hold-down peeler system, pneumatic threading tables, ServoMax heavy-duty feed with 200-job memory control, hydraulic bowtie shear and integrated direct drop parts stacker with long blanks support and end discharge.

www.cwpcoil.com

Enhanced Productivity

54" wide, 30,000 lb. x .110" thick ServoFeeding System. Left to right: 7RM Motorized Stock Reel equipped with high speed modulating drive, ultrasonic loop control and hydraulic expansion. The Series "D" 7-Roll ServoMax® Straightener-Feeder includes Handwheel Adjusted Edge Guides, Stock Lubricator and Large Operator-oriented Prompting Keypad Control with Full Diagnostic Display Capacity. Popular in blanking type or cut-off operations where marking is not critical.

www.cwpcoil.com

Call 1-800-247-COIL
For Coil Processing System Solutions.

Compact Cradle-Straightener-Feeder Design

24" wide, 20,000 lb. x .500" thick ServoFeeding System. Right to left: Cradle-Straightener-Feeder Automated Package consists of: Powered Confining Guide Plates, 8 Combination Coil Catcher, Peeler and Detanker with exclusive “Pivot Peel” Blade, Coil End Bender, Hydraulically Operated Straightener Roll Adjustment, Digital Roll Position Readout, Large Operator- Oriented Prompting Keypad with Full Diagnostics Control provides the operator complete control of all functions for total hands-free threading. The cradle rolls synchronized for smooth feed-to-length.

20" wide, 20,000 lb. x .250" ServoFeeding System. Right to left: 6R Stock Reel, Automated Hands-Free Threading w/Debender, 64 Powered Straightener, Threading Table and SMO-H6 ServoMax ServoFeed. This versatile system has the power to handle thick, high yield, springy material, yet possesses the finesse to process highly polished material in progressive type die operations.

www.cwpcoil.com

Ideal for Blanking

54" wide, 30,000 lb. x .110" thick ServoFeeding System. Left to right: 7RM Motorized Stock Reel equipped with high speed modulating drive, ultrasonic loop control and hydraulic expansion. The Series "D" 7-Roll ServoMax® Straightener-Feeder includes Handwheel Adjusted Edge Guides, Stock Lubricator and Large Operator-oriented Prompting Keypad Control with Full Diagnostic Display Capacity. Popular in blanking type or cut-off operations where marking is not critical.

www.cwpcoil.com

Call 1-800-247-COIL
For Coil Processing System Solutions.
Heavy-Duty Debender
A revolutionary design that significantly reduces setup time by aiding the operator in threading the leading edge of thick (up to .500") and high yield materials. An additional benefit is the increased productivity realized by being able to process the remaining tail end of a coil.

Automatic Side Guide Rollers
Drastically reduce changeover time with a push of a button. Side guide rollers allow the operator to process narrow width coils without the interference and cumbersome handling associated with manual keepers. When integrated with a traveling reel and auto centering feature, side guide rollers significantly increase productivity.

Combination Coil Catcher, Peeler & Decurler
A rugged roll acts as a cushion to absorb the shock load associated with loading a new coil. Our "exclusive pivot peel" strips the lead edge away from the coil and directs it behind the peeler roll. The peeler roll is used to back break the material over the decurler roll and to pinch the material against a powered diamond knurled roll to facilitate threading.

4-Roll Feed
The 4-roll feed design permits unparalleled traction by providing twice the surface area to maintain superior contact with the material. In addition, its exclusive backed-up roll system prevents roll deflection while ensuring roll parallelism. This unique design allows the user to process critical finish products more effectively with one-half the roll pressure.

Cropping Shears
Enhance production by providing the operator the flexibility of trimming off damaged leading and trailing ends of coils with a push of a button. In addition, cropping shears dramatically reduce the set up time associated with the rewinding of partial coils.

17-Roll Straightener
CWP developed the 17-roll straightener to provide the metalforming industry with a high performance straightener that can process an extremely wide range of material thicknesses (.015" to .250") to precision stock flatness. The small diameter straightening rolls are on close centers, backed-up and all power driven to permit exceptional straightening capability.

Heavy-Duty Debender
A revolutionary design that significantly reduces setup time by aiding the operator in threading the leading edge of thick (up to .500") and high yield materials. An additional benefit is the increased productivity realized by being able to process the remaining tail end of a coil.
Designed and manufactured for optimum performance and value.

CWP provides customers with application analysis, in-house design/engineering, the latest CAD/CAM technology and modern CNC manufacturing processes—all within our 80,000 sq. ft., state-of-the-art manufacturing facility.

Working closely with our customers, CWP design, manufacturing and application support professionals ensure that each large capacity coil processing system solution provides maximum performance and value on the plant floor.

Our focus on quality and customer satisfaction allows CWP to back every system with a 2-year warranty on all products.

Innovative, cost-effective coil processing solutions.

For more than 50 years Cooper-Weymouth, Peterson has been providing the metal stamping industry with dependable, high performance coil processing equipment and large capacity, integrated system solutions. We have designed and built coil processing systems to accommodate stock 84” wide x .500” thick and coils weighing up to 80,000 lbs.—on time and on budget. Our proven track record is evidenced by thousands of successful installations for major manufacturers in the appliance, automotive, lighting, metal furniture, HVAC and contract job shop industries.