

Sacoma International-Edinburgh, IN

Automotive Stamper's Floor Space Utilization Key to Overall Operation Efficiency

Adding floor space to an existing facility to expand their stamping capabilities was a problem for Sacoma International. Adding new brick and mortar was out of the question, but there seemed few other choices. In business for over 15 years, Sacoma International built their initial facility in 1996 and added on in 2001 for a total of 60,000 sq. ft. Sacoma specializes in automotive parts, engineering, stamping, and assembly which is roughly 95% of their business.

Ken Seim. "The press was used for hand-fed operations using blanks. The space consideration was really the true challenge, and we needed to get the capacity to handle some pretty sizeable material."

For this line, conventional coil feeding equipment was going to

take up to 50' of floor space. With a line this long, Sacoma would have sacrificed valuable space for die storage and their die maintenance/machining department. Sacoma found a solution in Coe Press Equipment Corporation's new SpaceMaster Compact Coil Line.

continued on pg 3

METALFORM'05

**Find Out About
Coe/Sesco at
METALFORM'05**

(see next page) →

Seim added, "I would consider the compact line strongly in the future for any new feed lines we purchase. With the age of our current lines, we'll seriously consider replacing the conventional lines with compact coil lines."

Ken Seim
Sacoma Intl.

"Our challenge was to add a new coil handling system to our 440 ton press line for a new product launch," said President



The SpaceMaster's reduced line length resulted in saving valuable die storage/material staging space at Sacoma International.

CPEC Representatives

Automark Sales, Inc., SE, MI
(810) 714-2623 • (810) 714-2625 (Fax)

Kamco, SE, MI
(248) 585-7400 • (248) 585-7751 (Fax)

Safety Link, WE, MI
(616) 340-6521 • (616) 846-9971 (Fax)

William Halliday, N, MI
(231) 938-0803 • (231) 938-0804 (Fax)

Coil Pro, Inc., WE, MI
(616) 318-3539

Production Resources, Inc., OH, KY
(615) 371-3888 • (615) 371-3282 (Fax)

Press Automation, Inc., IN, N, IL
(574) 295-7737 • (574) 522-2977 (Fax)

Stamping Systems, Inc., N, IL
(847) 934-5528 • (847) 934-0128 (Fax)

Weller Machinery Company, WI
(262) 523-1800 • (262) 523-1818 (Fax)

Tryco Machinery, N, IL, IA
(815) 398-9544 • (815) 398-9552 (Fax)

Young Equipment Sales, PA, NJ, WV
(610) 539-2352 • (610) 539-2963 (Fax)

J. B. Associates, NH, RI, VT, ME, MA
(800) 225-0800 • (978) 663-6209 (Fax)

Production Resources, Inc., TN, AL, MS, FL
(615) 371-3888 • (615) 371-3282 (Fax)

G.T. Production Systems, NC, SC, S, VA
(704) 394-8083 • (704) 394-2522 (Fax)

Stafford Machinery, AR
(501) 228-9950 • (501) 221-2426 (Fax)

Bogart Machinery Sales, MO, S, IL
(636) 332-1611 • (877) 471-5679 (Fax)

H & O Die Supply, Co., TX
(214) 630-6660 • (214) 630-6693 (Fax)

T.P. Sales Associates, CA, AZ, NM
(949) 496-3117 • (949) 496-8478 (Fax)

Machine Concepts, OK
(405) 495-4646 • (405) 495-4647 (Fax)

Promotores Technicos, S.A. - Mexico City
011 (52) 555-273-8352

Promotores Technicos, S.A. - Monterrey
011 (52) 818-336-3708

Revro Pty Limited, Australia
61-2-9683-1400, fax 61-2-4389-1099

Metal Form Products, CANADA
(905) 831-2011

Recent Orders and Shipments —

Lear Corporation (Roscommon, MI)— SpaceMaster Compact Coil Line

COE recently installed a SpaceMaster Compact Coil Line for Lear Corporation in Roscommon, MI. The unit is installed on a Verson 500 ton press to upgrade their progressive die operations. The SpaceMaster Series combines the three functions of unwinding, straightening and feeding into one compact machine. This arrangement provides optimum progressive die feeding operations and saves valuable plant floorspace. The entire machine is rigidly mounted on a common machine base for maximum stability of the feeding operation. The coil reel is designed for constant payoff operations and is driven by an AC inverter duty motor. The precision feeder-straightener is driven by a closed loop Yaskawa servomotor and drive package.



MISA Metal Blanking (Howell, MI)— Oscillating Shear Die

Sesco Products Group recently delivered a high-speed Oscillating Shear Die to MISA Metal Blanking, a high value coil processor for the automotive industry. This unique combination shear and die is designed to provide the customer with the capability to produce trapezoid and parallel shaped blanks in their existing blanking press. A precision fabricated base is used to locate and clamp the die on the press bolster. A solid cast "bump-die" is provided with wedge type blade gap adjustment for various material thickness. The center mounted pivoting mechanism is driven by a precision ground rack and pinion gear mechanism through a high torque AC servo package.



Features include: linespeeds up to 300 FPM, hit rates up to 65 SPM, self-centering coil edge guides, pivoting ball transfer type entrance table, shifting exit conveyor with VFD speed control, and Allen Bradley Control Logix based PLC and machine controls.

Sonora Forming Technologies (Hermosillo, MX)— 42" Wide Progressive Press Feed Lines (3) & 72" High Speed Blanking Line (1)

Coe Press Equipment has recently installed and commissioned a variety of fully integrated coil feeding lines at Sonora Forming Technologies, Hermosillo, MX. All of these lines were turnkey installed with presses from Aida Dayton Technologies, to support the new stamping plant launch of this Magna based company. The 42" Wide Progressive Lines are integrated with AIDA NST 400 ton presses. The 72" Wide Blanking Line is integrated with an AIDA PMX 600 ton high speed press (This system is designed to run at linespeeds up to 240 FPM).



Coe Press Equipment Corporation

40549 Brentwood • Sterling Heights, MI 48310
(586) 979-4400 • Fax (586) 979-2970
website: www.cpec.com

Considering the Appreciation of Depreciation ...and More!

It continues to be a great time to consider upgrading your older metal stamping equipment with new servo press feeds and coil handling equipment. There are several reasons why:

- 1) Technology advancements from Coe and Sesco will help raise productivity, quality, & profitability levels.
- 2) Continued lower interest rates... but for how long?
- 3) And the Internal Revenue Service's Code Section 179 Tax Relief Bill.

The 50% expensing allowance may be over and gone, but "Section 179 tax treatment still allows expensing (first year deduction) of the first \$100,000 of equipment purchases, if total equipment purchases of all kinds (e.g. machinery, computers, office furniture, trucks, etc.) do not exceed \$400,000 in the tax year. It phases out on a dollar for dollar basis up to an absolute limit of \$500,000.

This tax relief bill redefines small businesses with an increase to \$400,000 of capital purchases (vs. the previous at \$200,000).

Another benefit is net operation loss carryback, which extends the five-year net operation loss carryback for three years (2003 through 2005) and holds taxpayers harmless for alternative minimum tax.

***** With the economy continuing on an upswing, don't miss out on these advantages to invest in 2005! Your competition won't miss the chance!

For more information on how you can benefit from Section 179, go to our website for more on this subject: cpec.com/amt_news.com

COE Equipment to be displayed at Metalform '05

COE ServoMaster Series 4 Roll Feed

Coe Press Equipment Corporation's ServoMaster Series Servo Feeds offer high-speed coil feeding, modular heavy-duty redesign and competitive pricing.



Coe's ServoMaster Servo Roll Feeders are targeted to provide the highest thickness and width capacities in the industry and allow stamped parts to have tolerance accuracy of +/- .003-in. Designed with stocked modular components, they reduce costs, allow easier service and faster delivery.

Four models (see one of our Series 4 models-available for immediate delivery) provide processing from .125-in. to .250-in. material thickness, and 6-in. to 54-in. widths (depending on material combination). Coe's ServoMaster Control System provides fast set-up, ease of operation and other benefits for the ServoMaster Servo Feeds.

For more on the ServoMaster, visit: www.cpec.com/IndEquip-ServoMaster_Straighteners.html

COE SpaceMaster Series 3 Coil Line

The SpaceMaster Compact Coil Line Series is a line of space-saving, multi-functioning coil lines combining of unwinding, straightening and feeding of coil stock into a single unit.

For larger capacity coil feeding, our SpaceMaster Series 3 comes in eight model sizes to process maximum coil widths from 18" to 64". As standard, Series 3 models can process coil thicknesses to .250", coil O.D.'s to 64", and handle a maximum coil weight of either 11,000 lbs. or 15,000 lbs. or 20,000 lbs. Beefy feed rollers measure to 5.9" in diameter, while straightener rollers measure to 3.5" in diameter.



The powered straightener rolls are configured in a 4 over 3 arrangement. Optional features include a hydraulic traveling coil car, increased line speeds (to 80'/min.), increased coil I.D. (to 72"), and/or coil weights to 15,000, 20,000 or 30,000 pounds.

Go online for more info: www.cpec.com/IndEquip-SpaceMaster.html

continued from front page

The Coe Solution

Coe's SpaceMaster 3 combines the three functions of unwinding, straightening, and feeding into one compact machine.

The entire machine is rigidly mounted on a common machine base and requires less than half the space of a traditional coil feed line. They process material that is up to 40" wide, with material thickness up to 0.292", and coil weights up to 15,000 lbs.

Coe's SpaceMaster Series 3 is offered in seven models to process maximum coil widths from 16" to 64". As standard, this Series can handle thicknesses to .300", coil OD's to 64" and maximum coil weights of 11,000, 15,000, or 20,000 pounds. Pinch rolls and feed rolls measure 5.7" in diameter, while straightener rolls measure 3.5" in diameter.

The powered straightener rolls are configured in a four-over-three arrangement to provide effective straightening of a wide range of materials. Optional features available for this series include a hydraulic traveling coil car, increased line speed to 80 FPM, motorized coil guides, increased coil

OD capacity to 72", and coil weights to 30,000 pounds.

Satisfaction Guaranteed

"We were pleased with what we saw. Coe's reputation in the industry is a very good one, and we felt they would support us well, because they are committed to service. We felt comfortable in purchasing the line. And with Coe's SpaceMaster, we have been able to maintain some of our existing layout/functionality in the press area such as our die-storage and die-maintenance department," Seim said.

Seim said, "We bought our first Coe servo feed line about 12 years ago. We had a delivery lead time issue that Coe was able to solve by getting a line in here within the time frame we had. About two years ago, we bought a conventional Coe feeder and straightener line for our 250-ton press that we were putting in. We're very pleased with that equipment, which is what made us strongly consider Coe with their SpaceMaster Series."

Seim noted that "The first thing that got our attention, was the compact nature of

the new SpaceMaster line. The second feature we liked was the capacity of the line being able to handle our heavier gauge and higher strength materials." In addition, the SpaceMaster is able to

effectively run progressive die operations with the true pilot release function for the pinch rolls, feed rolls, and straightener rolls.



Another important benefit of the SpaceMaster line was the ability to eliminate a looping pit. "With a pit, you have the initial cost of \$15,000 to \$20,000," said Seim. "Then you have to fill it in if you ever want to use that space again for something different. And in our industry that happens on a regular basis. A pit also makes a stamping line very inflexible. If you need to move equipment, it's a major undertaking."

Seim added, "I would consider the compact line strongly in the future for new feed lines we purchase. With the age of our current lines, we'll consider replacing conventional lines with compact coil lines."

For more on Sacoma's success: www.cpec.com/Success-Sacoma.htm

For more on SpaceMaster, visit: www.cpec.com/IndEquip-SpaceMaster.htm

You can also send an email to sales@cpec.com...or give us a call!



CPEC'S Jim Ward congratulates Sacoma's Ken Seim on the success of their recent "space-saving" coil processing line installation.