

ServoMaster Series 2 Roll Feeds

COE
PRESS EQUIPMENT

ServoMaster Series 2 servo roll feeds provide the speed, precision, and power required for high speed and light gauge material stamping applications. With 2.63" diameter feed rolls, this series of roll feeds can process material from .010" to .210" in thickness, depending on the material width and speed requirements. COE Press Equipment combines modular design, high quality components and precision assembly to produce dependable and versatile servo roll feeds that are the best value in the industry.

FEATURES & BENEFITS

- High performance AC brushless servo motor
- Low inertia, high torque servo motor and drive
- Kevlar belt and low inertia sheave drivetrain
- Precision cluster gear driven upper feed roll
- Upper roll mounted on pivoting yoke assembly
- Pivoting arrangement maintains gear mesh
- Single air cylinder with built-in stroke adjustment
- Easy adjustment of pilot release roll opening
- Air regulator provides variable roll pressure
- Fully funneled stock path for effective threading
- Quick release vertical edge guide assembly
- 4 roll catenary section for material support
- Press mount bracket with +/-3" adjustment
- Pre-wired cable set in flexible sealtite conduit
- Ergonomic desk-type slant top enclosure
- **ServoMaster Touch™ Controller**
 - User friendly 5.7" VGA color touchscreen
 - Ethernet or serial communications to press
 - "Feed Advisor" feature optimizes performance
 - English or Spanish language capability
 - Inch or Metric programming capability
 - "On the Fly" feed length micro-adjust
 - Optional servo feed automation functions
 - Many other standard features...



OPTIONS

- Self-centering and independent edge guides
- Adjustable bracket with +/- 3" or with +/- 4" adjustment
- Pull-thru straighteners available

SERVOMASTER SERIES 2 PROCESSING CAPABILITIES:

- 2.63" diameter feed rolls
- Material thickness from .010"-.210"

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Machine Specifications

Model CPRF SM-2	06	12	18	24	30
Maximum Material Width	6.0"	12.0"	18.0"	24.0"	30.0"
Thickness at Full Width	.187"	.156"	.125"	.090"	.060"
Maximum Velocity (FPM)	580	580	580	580	580
Maximum Acceleration (FPS ²)	80	70	60	50	40
Standard Drive Ratio*	2.4:1	2.4:1	2.4:1	2.4:1	2.4:1

Strokes Per Minute

Model CPRF SM-2	06	12	18	24	30
Maximum Thickness @ Full Width	.187" x 6.0"	.156" x 12.0"	.125" x 18.0"	.090" x 24.0"	.060" x 30.0"

— With 180° Press Angle

2" Progression	237	226	213	199	182
6" Progression	155	147	137	127	116
12" Progression	116	109	102	94	85
18" Progression	96	91	85	78	71
24" Progression	82	78	74	68	62
30" Progression	72	69	65	61	56
36" Progression	64	62	59	55	51

— With 240° Press Angle

2" Progression	316	301	284	265	243
6" Progression	207	196	183	170	154
12" Progression	154	145	136	125	113
18" Progression	128	121	113	104	94
24" Progression	110	105	99	91	82
30" Progression	96	92	87	82	74
36" Progression	85	82	78	74	68

* "Plus" Drive Ratio of 2.9:1 available for increased material capacity and pull-thru straightener applications.

At COE Press Equipment, we believe that there is always a better way. Our goal is to make your operations run smoothly and profitably. We apply our engineering knowledge, materials expertise, and industry experience to consistently develop solutions that address your manufacturing challenges and simplify your plant floor operations.

COE'S EXCLUSIVE 5-4-3 WARRANTY

All COE products are backed by the COE 5-4-3 Warranty – five year limited coverage on components manufactured by COE; four year limited coverage on mechanical components installed by COE; and three year coverage on the complete system.



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