

# SPACEMaster Series 2

**COE**  
PRESS EQUIPMENT

## Make efficient use of floorspace with a compact line

COE Press SpaceMaster Series 2 Compact Coil Lines are designed to combine unwinding, straightening, and feeding of coil stock into a single machine. This compact arrangement provides optimum coil feeding efficiency with pilot release operation and saves valuable plant floorspace. The machine is rigidly mounted on a common machine base for maximum stability during the feeding process.

### STANDARD FEATURES

- Motorized coil reel for payoff
- Inverter duty AC variable speed drive
- Variable speed pay-off operations
- Hydraulic mandrel expansion feature
- Fail safe disk brake for clockspring control
- Air operated coil hold down arm
- Motorized variable speed drive endwheel for coil threading
- Air operated coil hold up for threading
- Threading assist roll assembly
- Electric eye type loop control
- Anti-backup feature built into debender
- Dual roll entrance/single roll exit edge guides with  $\pm 1"$  offset
- 3 roll catenary support section
- $\pm 4"$  passline height adjustment
- Passline adjusted by screw jacks
- 9 power-driven straightener rolls
- Precision spur gear drive train
- Worm gear adjustment of upper rolls
- Full width #3 matte chrome-coated feed rolls
- Servo-driven feeder-straightener



### SpaceMaster Series 2 Capacities

- Widths from 12" – 52"
- Thickness from .010" – .187"
- Coil weights from 6,600 – 11,000 lbs.
- Line speeds up to 60 FPM
- Line Length: 13 feet
- Materials: CRS, HRS, stainless, aluminum

**SPACEMaster**<sup>®</sup>

## Feeding Performance

Feed Length	2"	4"	6"	8"	10"	12"	14"	16"	18"	20"	22"	24"
Strokes/Min. 90°	61	45	36	31	26	23	21	19	17	16	15	14
Strokes/Min. 120°	81	60	49	41	35	31	28	25	23	21	19	18
Strokes/Min. 180°	122	90	73	61	53	47	42	38	34	31	29	27
Strokes/Min. 240°	163	120	97	82	71	62	55	50	46	42	39	36

Note: Feeding Performance shown for reference only. Consult factory for exact performance.

## Straightening Capacity

Type	S2-12	S2-16	S2-20	S2-24	S2-32	S2-40	S2-52
Coil Thickness	Coil Width	Coil Width	Coil Width	Coil Width	Coil Width	Coil Width	Coil Width
.010"-.100"	12"	16"	20"	24"	32"	40"	52"
.125"	12"	12"	12"	12"	10"	10"	8"
.156"	10"	10"	10"	10"	8"	8"	6"
.187"	8"	8"	8"	8"	6"	6"	4"

Note: Straightening Capacity shown may require optional drive sizes. Consult factory for exact capacity.



## OPTIONS

- 460 volt step-down transformer
- 72" maximum coil O.D.
- Extra set of 4 coil keepers
- Hydraulic traveling coil car
- 80 FPM maximum linespeed
- Special expansion range 19.5"–24.5"
- Motorized passline height adjustment
- Motorized straightener roll adjustment
- Motorized coil guide adjustment
- Increase coil weight capacity to 11,000 or 15,000 lbs.
- Dual roll upper coil guide assembly
- Increase feed drive size and reduction

*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 3-2-1 WARRANTY

All COE Equipment is backed by the COE 3-2-1 Warranty – three year limited coverage on components manufactured by COE Press Equipment; two year limited coverage on mechanical components installed by COE Press Equipment; and one year full coverage on the complete system.



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