

SPACEMaster Series 3

COE
PRESS EQUIPMENT

Make efficient use of floorspace with a compact line

COE Press SpaceMaster Series 3 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
- Hydraulic coil hold down arm
- Motorized variable speed drive endwheel for coil threading
- Hydraulic coil hold up for threading
- Threading assist roll assembly
- Threading debender roll assembly
- Electric eye type loop control
- Motorized dual roll upper coil guide assembly
- Dual roll entrance/single roll exit edge guides with ± 1 offset
- 3 roll catenary support section
- Motorized ± 4 " passline height adjustment
- Motorized coil guide adjustment
- 8 straightener rolls – 4 over 4
- Power-driven lower 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 3 Capacities

- Widths from 16" – 64"
- Thickness from .010" – .187"
- Coil weights from 11,000 – 20,000 lbs.
- Line speeds up to 60 FPM
- Line Length: 15-1/3 feet
- Materials: CRS, HRS, stainless, aluminum

SPACEMaster[®]

Feeding Performance

Feed Length	2"	4"	6"	8"	10"	12"	14"	16"	18"	20"	22"	24"
Strokes/Min. 90°	61	45	37	32	28	25	22	20	19	17	16	15
Strokes/Min. 120°	81	60	50	43	37	33	30	27	25	23	21	20
Strokes/Min. 180°	122	90	75	64	56	50	45	41	37	34	32	30
Strokes/Min. 240°	163	120	99	85	75	66	30	54	50	46	43	40

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

Straightening Capacity

Type	S3-16	S3-20	S3-24	S3-32	S3-40	S3-52	S3-64
Coil Thickness	Coil Width	Coil Width	Coil Width	Coil Width	Coil Width	Coil Width	Coil Width
.025"–.100"	16"	20"	24"	32"	40"	52"	64"
.125"	16"	20"	24"	28"	28"	30"	32"
.156"	16"	20"	22"	22"	22"	24"	26"
.187"	14"	18"	20"	20"	20"	20"	20"
.210"	12"	14"	14"	14"	14"	14"	14"
.250"	10"	10"	10"	10"	10"	10"	10"

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.
- Hydraulic traveling coil car
- 80 FPM maximum linespeed
- Special expansion range 19.5"–24.5"
- Motorized straightener roll adjustment
- Increase coil weight capacity to 15,000, 20,000 or 30,000 lbs.
- 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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