

Pull-off or powered, single- or double-ended . . . uncoilers for every application.

COE Press Equipment offers coil reels with 4,000# – 60,000# capacity, all designed to provide a lifetime of reliable pay-off. Reels can be matched with COE servo roll feeds and power straighteners to provide full system capability for a wide range of material widths and coil weights.

COE's coil reels can be configured to work in a "pull-off" application with power straighteners and rollforming equipment, or they can be provided as "pay-off" reels with the drive mechanism to unwind the coil built into the machine. The necessary drive horsepower and torque are provided in the COE "pay-off" reels.

The 4,000# – 8,000# Series of reels are primarily for light and medium gauge coil stock whereas the 10,000# – 60,000# Series can handle light, medium and heavy gauge materials.



SERIES	4,000	6,000	8,000	10,000	15,000	20,000	30,000	40,000	50,000	60,000
Capacity	4,000#	6,000#	8,000#	10,000#	15,000#	20,000#	30,000#	40,000#	50,000#	60,000#
Min. Width*	12"	18"	18"	18"	18"	24"	24"	36"	36"	36"
Max. Width	36"	36"	36"	60"	60"	72"	72"	72"	84"	84"
Standard Coil Outside Diameter	60"	60"	60"	72"	72"	72"	72"	72"	72"	72"
Mandrel Expansion Range	16" – 21"	16" – 21"	16" – 21"	19.25" – 24.75"	19.25" – 24.75"	19.25" – 24.75"	20.25" – 24.75"	20.25" – 24.75"	20.25" – 24.75"	20.25" – 24.75"
Heavy Duty Backplate Diameter	30"	30"	30"	27"	27"	27"	27"	27"	27"	27"

*COE Press Equipment coil reels are provided as standard in 6" width increments.



Standard Features – Pull-Off Models	4,000	6,000 – 8,000	10,000 – 60,000
Single-end Configuration	•	•	•
Double-end Configuration	•	•	• (Up to 40,000#)
Heavy Duty Welded Steel Construction	•	•	•
"Bearing Tube" Support of Mandrel	•	•	•
Manual Handcrank Expansion with Snapout Handle	•	•	•
Hydraulic Mandrel Expansion Feature		OPT.	•
Hydraulic Threading Drive Feature		OPT.	•
One Set of Three (3) Narrow Coil Keepers	•	•	•
Quick Release Type Narrow Coil Keepers (Standard on all weights)	•	•	•
Three (3) Pad Mandrel Construction	•	•	•
Coil Width Scales on Mandrel Pads	OPT.	OPT.	•
Heavy Duty Link Bar Type Expansion	•	•	• (10,000# only)
Heavy Duty Wedge Type Expansion			• (15,000# and above)
Air Disc Drag Brake to Prevent Coil Over Run	•	•	•
Hydraulic Mandrel Indexing – Double-end Models		OPT.	•

Standard Features – Motorized Models	4,000	6,000	8,000	10,000 – 60,000
Coil Width Scales on Mandrel Pads				•
300 Degree Full Radius Mandrel Pads				•
Standard 0 – 17 RPM Mandrel Rotation Speed 80 -FPM	•	•	•	•
Digital AC Variable Speed Drive Control	•	•	•	•
Potentiometer Control Variable Speed Loop Arm	•	•	•	•
230/460 Volt AC 3 Phase Incoming Power	•	•	•	•
Standard Electrical Safety Disconnect	•	•	•	•
AC Variable Speed Drive	2 HP	2 HP	3 HP	5 HP – 20 HP*

*HP Rating Dependent Upon Capacity and Speed

Optional Equipment	4,000	6,000 – 8,000	10,000 – 60,000
Full O.D. Backplate for Coil Diameter	60"	60"	72"
Extra Set of Three (3) Narrow Coil Keepers	•	•	•
Provisions for 72" Coil Diameter	•	•	
Coil Width Scales on Mandrel Pads	•	•	
300 Degree Full Radius Mandrel Pads	•	•	
Coil Adapter Pads for Larger Coil IDs	•	•	•
Air Operated Coil Hold Down Arm	•	•	•
Air Operated Hold Down with Motorized Endwheel		•	•
Heavy Duty Coil Clockspring Guard		•	•
Remote Jog Pendant for Material Threading	•	•	•
Ultra Sonic Variable Speed Loop Control	•	•	•
Hydraulic Threading Drive (Pull-off Models)		•	
Hydraulic Expansion Feature		•	
Hydraulic Traveling Coil Car		•	•
Fail Safe Drag Brake Mechanism	•	•	
Multiple Stage Air Disc Drag Brakes			•
Power Mandrel Indexing – Double-end Models		•	
Larger HP Packages for Higher Line Speeds	•	•	•

COE'S EXCLUSIVE 5-4-3 WARRANTY

All Heavy Duty Servo Roll Feeds are backed by the COE 5-4-3 Warranty – five year limited coverage on components manufactured by COE Press Equipment; four year limited coverage on mechanical components installed by COE Press Equipment; and three year coverage on the complete system.



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