FEEDS

STOCK REELS

REWIND

EFT STRAIGHTENER

ONE BRAND PUTS IT ALL TOGETHER

SCRAP CHOPPERS

PALLET DECOILERS

REEL/STRAIGHTENER

FEEDS

RETROFIT AND TURNKEY SYSTEMS FOR SMALL WIDTH COIL PROCESSING AND MATERIAL HANDLING

CoilMate®/Dickerman®

A MEMBER OF THE
FORMTEK
G R O U P

YOUR SINGLE SOURCE FOR SMALL WIDTH COIL AND MATERIAL PROCESSING EQUIPMENT.

CoilMate®/Dickerman® is the one brand for all your narrow width, light gauge coil and material processing applications. Products include a variety of stock payoff reels, pallet decoiling and rewinding equipment, straighteners, servo feeds; even scrap choppers to handle skeleton strip. Shop-proven CoilMate/Dickerman equipment provides unsurpassed value and dependability for thousands of manufacturers. All products are backed by a 2-year warranty and are available for quick shipment. Open up a new world of production possibilities with CoilMate/Dickerman products for more profitable coil and material processing.
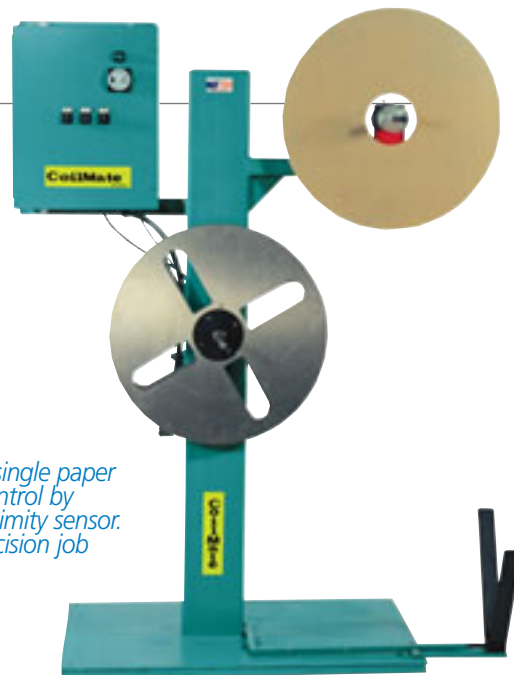
REWIND EQUIPMENT

No one offers more rewind solutions than CoilMate/Dickerman. We have designed and manufactured cost-effective, reliable models – single or multi-head, single pancake or traverse type. Advanced electronic controls ensure distortion-free decoiling and rewinding of a variety of materials.

Single Reel with single paper interleaf, loop control by non-contact proximity sensor. Designed for precision job shop stamping.

Electronic Traversing Arbor Rewind, 2,000 lb., 16" width. Used for multiple strand annealing.

STOCK REELS

Rugged model 2R through 4R stock reels are available as plain or motorized, single or double spindles. A variety of options include special O.D. and I.D. provisions, powered expansion, powered indexing features, back-up discs, coil loading cars and hold-down-peeler arrangements.

Features:
- Fabricated expansion arm mandrel
- Link style expansion mechanism
- Manual expansion by fold-away crank
- Manually adjusted disc drag brakes (2R), pneumatic brake (2.5 - 4R) (Electric and pneumatic brakes optional)
- Motorized and plain units

Model 4R

STRAIGHTENERS

Series B straighteners from 6"- 30" and Economy Flip-Top (EFT) 6" and 12" straighteners with 7-roll design remove coil set and provide smooth payout of material.

SERIES B
- Modulating drive with ultrasonic control
- Bank roll mounting for simple, two-point adjustment
- Cluster gearing on pinch rolls ensures proper mesh through thickness adjustments

Series B

ECONOMY FLIP-TOP
- Flip-Top head design
- Entry and exit powered pinch rolls with cluster gearing
- Entry cascade rolls

Economy Flip-Top (EFT)

COMBINATION REEL/STRAIGHTENER

Model 12 CRS Combination Reel/Straightener is available with compact, space-saving design in a price-driven package. Provides easy threadup and operation via remote jog control for increased productivity. Handles coils up to 3,000 lbs. x .078", 12" wide and up to 52" O.D.

Features:
- Flip-Top straightening head with variable DC drive
- Entry and exit pinch rolls
- Entry cascade and air drag brake
- Left or right hand configuration standard

Model 12 CRS Combo Reel/Straightener

SCRAP CHOPPERS

Cut your scrap collection problems down to size and easily store skeleton strip for collection. Three high-performance models available to minimize scrap handling and save floor space. These models are available for versatility from job to job and press to press.

Features:
- Rugged cast base construction
- Equal blade opening at each end accepts material
- Reciprocating guide chute frees up skeleton stock
- Tilting arrangement accommodates material flow
- Simple maintenance

Model SC-1   *Model SC-2*   *Model SC-3*

ServoMax SE

ServoMax SE feeds provide the proven performance, accuracy and rugged reliability that have become synonymous with the ServoMax brand. All ServoMax SE feeds now feature matte chrome rolls and provisions for mechanical stroke limiter – all as standard features. No other servo feed line packs all these features and performance at such a competitive price.

Features:
- 500-job memory
- Batch reset provided and set count and production count displayed during operation
- In-motion refinement of feed lengths with simple plus/minus stroke
- Jog feed: Jogs material to preset feed length
- Handheld remote jog station facilitates thread-up

ServoMax SE Feed

Optional controls include:

ServoMatrix for applications requiring multiple feed lengths within a pattern

ServoSensor for precision accuracy of a preprinted surface

SpeedMatic electronically geared to the motion of the press or shear

ServoMatic IV

NEW!

ServoMatic IV 6" and 12" servo feeds offer greater performance at a value-driven price. Provides quick adjustments with no tools, closed loop accuracy and long-life dependability with precision gear drive and high performance brushless servo motor.

Features:
- 500-job memory
- Remote jog
- Solenoid operated dual cylinder control lift
- In-motion feed length refinement
- Jog-to-length and inch/metric selection capability

Options:
- Mechanical roll lift (Model SMIV11 High Speed)
- Spanish language display

ServoMatic® IV Roll Feed

ServoMatic LT

NEW!

The ServoMatic LT, 4" servo feed provides a low-cost alternative to the high maintenance and slow set-up of air operated and mechanically driven feeds. Delivers fast set-ups and greater accuracy at speeds up to 600 SPM. Complete with operator-oriented control panel featuring tactile membrane keypad and numeric display.

Features:
- 500-job memory
- Remote jog
- Batch count, positive/negative feed progressions
- Jog-to-length and in-motion control
- Mechanical roll lift standard
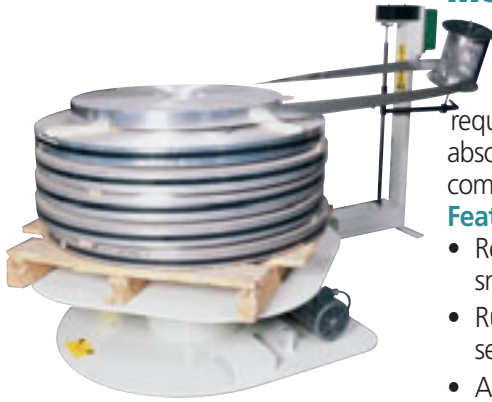- Inch/Metric readout

Option:
- Spanish language display

ServoMatic® LT Servo Feed

MODEL EZ ®

The Model EZ is designed for fast and easy setups with no adjustments, weights, pulleys, cables or springs required to operate. Patented shock absorbing feature eliminates material bounce common with other decoiling methods.

Features:
- Regenerative drive controls platform for smooth feeding
- Rugged, all-welded construction for long service life
- Analog proximity switch offers consistent speed control
- Fully adjustable dancer arm reduces roll wear and material binding

SPECIFICATIONS*

Capacity:	4,000 - 12,000 lbs.
Platform Size:	36" Dia., 60" Dia. / 42" Sq.,48" Sq.
Platform Speed:	0-26 RPM
Control:	Control Arm with Analog Variable Speed
Material Gauge Range:	Max. .065" @ 6" wide, CR Steel CQ
Voltage:	110 V or 220 V, 1 PH
Max. Coil O.D.:	Up to 60"
Coil Stack Height:	Up to 37"

MODEL CM ®

The Model CM provides maximum versatility for job shops and other stampers that run a wide range of applications. Ideally suited for wider and thicker material applications.

Features:
- Regenerative drive controls platform for smooth feeding
- Outstanding versatility for a wider range of applications
- Durable and reliable heavy-duty main bearing and shaft
- Adjustable hold-down arm virtually eliminates bounce, ensuring a smooth feed

SPECIFICATIONS*

Capacity:	4,000 - 8,000 lbs.
Platform Size:	42" Sq., 48" Sq. and 60" Dia.
Platform Speed:	0-26 RPM
Control:	Dancer Arm with Potentiometer
Material Gauge Range:	Max. .065" @ 6" wide, CR Steel CQ
Voltage:	110 V
Max. Coil O.D.:	Up to 60"
Coil Stack Height:	Up to 37"

MODEL PRESSPAL ®

The PressPal pallet decoiler offers job shops and contract stampers a variety of CoilMate/Dickerman design features and quality at an industry low price.

Features:
- Regenerative drive controls platform for smooth feeding
- Outstanding versatility for a wider range of applications
- Small 54" x 43" footprint

SPECIFICATIONS*

Capacity:	4,000 lbs.
Platform Size:	36"
Platform Speed:	0-28 RPM
Control:	Dancer Arm with Potentiometer
Voltage:	110 V
Max. Coil O.D.:	48"
Coil Stack Height:	Up to 36"

*Consult factory for specific application requirements.

MODEL HS

The Model HS pallet decoiler is specifically designed for high-speed rollforming applications.

Features:

- Line speeds up to 300 FPM
- Regenerative drive with analog proximity switch maintains smooth material payoff.
- Emergency fail safe brake
- Fixed center arbor keeps coils in place

SPECIFICATIONS*

Capacity:	4,000 – 12,000 lbs.
Platform Size:	12" Sq., 48" Sq. and 60" Dia.
Line Speeds:	Up to 300 FPM
Control:	DC Regenerative
Voltage:	220V
Max. Coil O.D.:	Up to 60"
Coil Stack Height:	Up to 37"

MODEL DUALMATE®

The Model DualMate pallet decoiler provides outstanding versatility for decoiling traverse wound material and can then be easily converted to a pallet decoiler.

Features:

- Regenerative drive controls platform for smooth feeding
- Unsurpassed durability and reliability
- Converts quickly and easily from traverse decoil to horizontal pallet decoiler
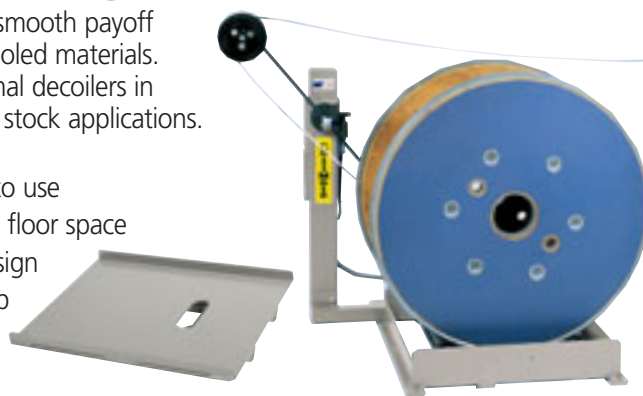
SPECIFICATIONS*

Capacity:	4,000 lbs. (traverse); 3,000 lbs. (pallet decoiler)
Platform Size:	42"– 48" Dia.
Platform Speed:	125 FPM (traverse); 125 FPM (pallet decoiler)
Control:	DC SCR
Voltage:	110V
Material Gauge Range:	.005"–.040"(traverse); .005"–.065"(pallet decoiler)
Max. Coil O.D.:	48"

MODEL LDTR TRAVERSE REEL

The Model LDTR offers smooth payoff of strip and wire for spooled materials. Outperforms all traditional decoilers in high speed and delicate stock applications.

Features:

- Inexpensive and easy to use
- Compact design saves floor space
- Easy roll-on/roll-off design
- Optional removal ramp

SPECIFICATIONS*

Capacity:	3,000 lbs.
Spool Diameter:	Up to 36"
Spool Width:	Up to 18"

MODEL WIREMATE®

The WireMate decoiler provides a mechanized solution for eliminating wire knotting and improving profitability.

Features:

- Eliminates tangles and jams
- Reduces scrap, misfeeds and broken tooling
- Features fully adjustable wire guide arms

SPECIFICATIONS*

Capacity:	4,000 lbs.
Platform Size:	42" Square
Max. Line Speed:	125 FPM
Control:	DC SCR
Voltage:	110V
Max. Coil Diameter:	42"

*Consult factory for specific application requirements.

REWIND EQUIPMENT	Rewinds, single pancake, multiple head or traverse style are custom designed to your application using time-proven designs.

PALLET DECOILERS

Model	Capacity (lbs.)	Coil O.D.	Stack Height
Model CM®	4,000 – 8,000	48"- 72" (1219.200 - 1828.800mm)	37" (939.800mm)
Model EZ®	4,000 – 12,000	36"- 72" (914.400 - 1828.800mm)	37" (939.800mm)
Model HS	4,000 – 12,000	Up to 60" (1524.000mm)	37" (939.800mm)
DualMate®	3,000 – 5,000	42"- 48" (1066.800 - 1219.200mm)	30" (762.000mm)
PressPal®	4,000	48" (1219.200mm)	37" (939.800mm)
WireMate®	4,000		42" (1066.800mm)

TRAVERSE DECOILERS

Model	Capacity (lbs.)	Spool Width	Spool Dia.
LDTR/HDTR	3,000	Up to 18" (457.200mm)	Up to 36"(914.400mm)
DualMate®	3,000	Up to 18" (457.200mm)	Up to 36"(914.400mm)

STOCK REELS

Model	Coil Wt. (lbs.)	Width	O.D.
2R, 2RD, 2RM, 2RDM	1,600	18" (457.200mm)	48" (1066.800mm)
2.5R, 2.5RD	3,000	12" (304.800mm)	52" (1320.800mm)
4R-18, 4RD-18	8,000	18" (457.200mm)	60" (1524.000mm)
4R-24, 4RD-24	6,500	24" (606.900mm)	60" (1524.000mm)
4R-30, 4RD-30	6,000	30" (762.000mm)	60" (1524.000mm)

STRAIGHTENERS

	Model	Width	Thickness	Rolls*
Economy Flip-Top	6EFT	6"(152.400mm)	.078" (1.981mm)	7
	12EFT	12"(304.800mm)	.078" (1.981mm)	7
Series B	6B	6"(152.400mm)	.018"/.125" (.457/3.175mm)	7
	12B	12"(304.800mm)	.018"/.125" (.457/3.175mm)	7
	18B	18"(457.200mm)	.018"/.093" (.457/2.362mm)	7
	24B	24"(609.600mm)	.018"/.078" (.457/1.981mm)	7
	30B	30" (762.000mm)	.018"/.048" (.457/1.219mm)	7

* Optional 9, 11 or 17 rolls

REEL/ STRAIGHTENERS

Model	Coil Wt. (lbs.)	Width	O.D.
12CRS	3,000	12" (304.800mm)	52" (1320.800mm)

SERVO FEEDS

	Model	Width	Thickness	Feed Length
ServoMatic® IV (Pneumatic Roll Lift)	SMIV6	6" (152.400mm)	.125" (3.175mm)	999.999" (25.39m)
	SMIV12	12" (304.800mm)	.078" (1.981mm)	999.999" (25.39m)
(Mechanical Roll Lift)	SMIV11 HS	11" (279.400mm)	.078" (1.981mm)	999.999" (25.39m)
ServoMatic® LT (Mechanical Roll Lift)	SM-LT4	4" (101.600mm)	.062" (1.575mm)	999.999" (25.39m)
ServoMax® SE (SMX) (Pneumatic Roll Lift)	SMXSE6	6" (152.400mm)	.187" (4.750mm)	999.999" (25.39m)
	SMXSE12	12" (304.800mm)	.156" (3.962mm)	999.999" (25.39m)
	SMXSE18	18" (457.200mm)	.125" (3.175mm)	999.999" (25.39m)
	SMXSE24	24" (609.600mm)	.093" (2.362mm)	999.999" (25.39m)
	SMXSE30	30" (762.000mm)	.078" (1.981mm)	999.999" (25.39m)

SCRAP CHOPPERS

Model	Width	Thickness	SPM
SC-1 (1 PH)	6" (152.400mm)	.062" (1.575mm)	190
SC-1 (3 PH)	6" (152.400mm)	.062" (1.575mm)	190
SC-2	6" (152.400mm)	.125" (3.175mm)	190
SC-3	12" (304.800mm)	.078" (1.981mm)	190

18" COILMATE SYSTEM FOR 150 TON PRESS

This integrated system features an SMX18 servo feed, 18" threading table, and 18B Series straightener with dial indicators and 50 FPM modulating drive. Payoff is provided by a 4R-18 stock reel with hold down arm and inching drive features. Capacity: 18" x .093" x 4,000lbs.

Mounting bracket or cabinet sold separately.

ECONO-PAK®

The Econo-Pak® integrated coil feeding system provides profitable feeding technology priced for today's high production stampers. The system integrates job-proven 12" ServoMatic® IV servo feed with a rugged Model 12CRS Combination Reel/Straightener in a compact, price driven package. Offers quick changeover, threadup and easy operation with operator-oriented keypad programming. Generous 12" wide x .078" thick x 3,000 lbs. capacities.

800-247-COIL / www.coilmate.com
2-YEAR WARRANTY
QUICK SHIPMENT

CoilMate®/Dickerman®

Product Line of:
cooper-weymouth, peterson
Hinckley Road, Clinton, ME 04927
(207) 426-2351   FAX: (207) 426-8868

A MEMBER OF THE

FORMTEK GROUP

◆A MESTEK COMPANY