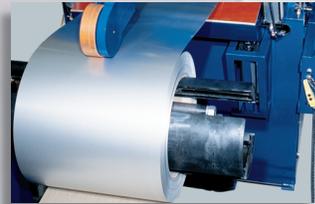


CWP REELS

HIGH PERFORMANCE
COIL PAYOFF



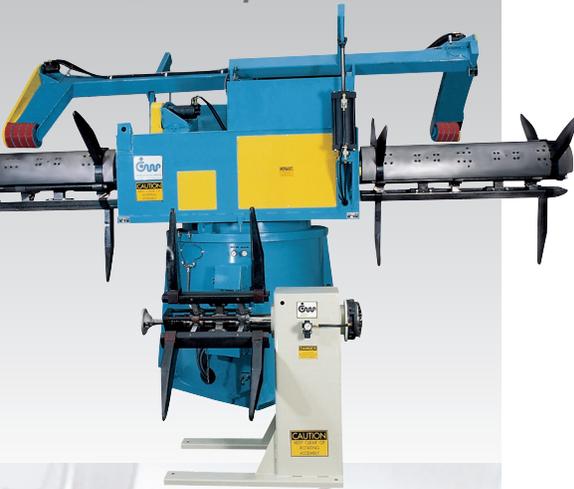
cooper-weymouth, peterson

FORMTEK

More Productive Metalforming Solutions

◆ A MESTEK COMPANY

CWP manufactures a broad selection of coil reels ranging from single spindle, 4,000 lb. to massive, double spindle 80,000 lb. capacities.



PAYOFF REELS THAT PAY YOU BACK IN PRODUCTIVITY.

CWP offers the broadest range of coil reels and accessories that meet the demands of precision control at high production levels. Plain and motorized, single or double spindle models are available with capacities ranging from 4,000 lbs. to 80,000 lbs. and widths from 18" to 84." CWP reels provide smooth payoff of coiled material to stamping, blanking, rollforming, or any continuous line operation. All models offer ease of loading, unloading and handling to keep production running efficiently. Backed by an industry-leading 2-Year Warranty.

SERIES 3, 4, 4.5 – CAPACITY: 3,500 – 10,000 LBS. MAX. WIDTHS: 18", 24", 30", 36" MAX. O.D.: 72"

- Broad fabricated expansion arm mandrel. Drum segment mandrel (optional)
- Link style expansion mechanism
- Manual expansion by fold-away crank. Hydraulic expansion (optional)
- Air brakes (standard)
- Motorized Units: On-Off style brakes, loop arm controls (single), low volt probe controls (double), other controls (optional), three-phase motors (standard)



SERIES	Models		Max. Weight	Max. Stock Width	Max. Coil O.D.	Expansion Range	Max. Speed (FPM)
	Single	Double					
3	3R-18	3RD-18	4,000	18"	72"	13 - 17"	100
	3R-24	3RD-24	3,500	24"	72"	13 - 17"	100
4	4R-18	4RD-18	8,000	18"	72"	13 - 17"	100
	4R-24	4RD-24	6,500	24"	72"	13 - 17"	100
	4R-36	4RD-36	5,000	36"	72"	13 - 17"	100
4.5	4.5R-24	4.5RD-24	10,000	24"	72"	14 - 18"	100
	4.5R-30	4.5RD-30	10,000	30"	72"	14 - 18"	100
	4.5R-36	4.5RD-36	8,000	36"	72"	14 - 18"	100

SERIES 5, 6, 6.5 – CAPACITY: 12,500 – 30,000 LBS. MAX. WIDTHS: 24", 36", 48" MAX. O.D.: 72"

- Broad fabricated expansion arm mandrel. Drum segment mandrel (optional), standard on 6.5 Series
- Sliding wedge expansion mechanism
- Manual expansion by stow-away crank. Hydraulic expansion (optional), standard on 6.5 Series
- Air brakes with regulator adjustment
- Motorized Units: On-Off style brakes, low volt probe loop controls (standard), other loop controls (optional), three-phase motors (standard)



SERIES	Models		Max. Weight	Max. Stock Width	Max. Coil O.D.	Expansion Range	Max. Speed (FPM)
	Single	Double					
5	5R-24	5RD-24	15,000	24"	72"	15.5 - 20.5"	100
	5R-36	5RD-36	15,000	36"	72"	15.5 - 20.5"	100
	5R-48	5RD-48	12,500	48"	72"	15.5 - 20.5"	100
6	6R-24	6RD-24	25,000	24"	72"	15.5 - 20.5"	150
	6R-36	6RD-36	20,000	36"	72"	15.5 - 20.5"	150
	6R-48	6RD-48	15,000	48"	72"	15.5 - 20.5"	150
	6R-60	6RD-60	12,500	60"	72"	15.5 - 20.5"	150
6.5	6.5R-36	6.5RD-36	30,000	36"	72"	19.5 - 24.5"	150
	6.5R-48	6.5RD-48	25,000	48"	72"	19.5 - 24.5"	150
	6.5R-60	6.5RD-60	20,000	60"	72"	19.5 - 24.5"	150

COIL WEIGHT CHART* COIL O.D.

COIL WIDTH	36"	42"	48"	54"	60"	66"	72"
6"	1,150	1,750	2,450	3,250	4,150	5,100	6,300
12"	2,300	3,500	4,900	6,500	8,300	10,200	12,600
18"	3,400	5,200	7,400	9,700	12,400	15,300	19,000
24"	4,600	7,000	9,800	13,000	16,600	20,400	25,200
30"	5,700	8,700	12,300	16,200	20,700	25,500	31,500
36"	6,800	10,400	14,800	19,400	24,800	30,600	37,800
42"	8,000	12,200	17,200	22,700	29,000	35,700	44,100
48"	9,100	13,900	19,700	25,900	33,100	40,800	50,400

*Based on Coils With 20" I.D.

**SERIES 7, 8 – CAPACITY: 20,000 – 40,000 LBS.
MAX. WIDTHS: 36", 48", 60", & 72" MAX. O.D.: 72"**



- Machined drum mandrel
- Sliding wedge expansion mechanism
- Hydraulic mandrel expansion
- Air brakes/regulator adjusted
- Inching drive
- Motorized Units: Modulating drive with ultrasonic loop control

SERIES	Models		Max. Weight	Max. Stock Width	Max. Coil O.D.	Expansion Range	Max. Speed (FPM)
	Single	Double					
7	7R-36	7RD-36	35,000	36"	72"	19.5 - 24.5"	150
	7R-48	7RD-48	30,000	48"	72"	19.5 - 24.5"	150
	7R-60	7RD-60	25,000	60"	72"	19.5 - 24.5"	150
	7R-72	7RD-72	20,000	72"	72"	19.5 - 24.5"	150
8	8R-48	8RD-48	40,000	48"	72"	19.5 - 24.5"	150
	8R-60	8RD-60	35,000	60"	72"	19.5 - 24.5"	150
	8R-72	8RD-72	30,000	72"	72"	19.5 - 24.5"	150

**SERIES 9, 10, 11, 12 –
CAPACITY:
35,000 – 80,000 LBS.
MAX. WIDTHS:
60", 72", & 84" MAX. O.D.: 72"**

- Machined drum mandrel
- Sliding wedge expansion mechanism
- Hydraulic mandrel expansion
- Variable tension braking control via ultrasonic
- Motorized Units: Modulating drive with ultrasonic loop control



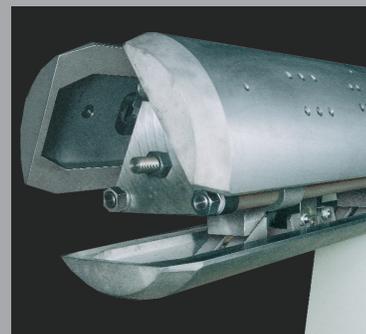
SERIES	Models		Max. Weight	Max. Stock Width	Max. Coil O.D.	Expansion Range	Max. Speed (FPM)
	Single	Double					
9	9R-60	9RD-60	40,000	60"	72"	19.5 - 24.5"	150
	9R-72	9RD-72	40,000	72"	72"	19.5 - 24.5"	150
	9R-84	9RD-84	35,000	84"	72"	19.5 - 24.5"	150
10	10R-60	10RD-60	50,000	60"	72"	19.5 - 24.5"	150
	10R-72	10RD-72	50,000	72"	72"	19.5 - 24.5"	150
11	11R-84	11RD-84	50,000	84"	72"	19.5 - 24.5"	150

Note: Weight capacities are rated for coils center-loaded on the mandrel. Special provisions can be made for wider expansion ranges, higher O.D. capabilities and speeds. See options or consult factory for special requirements.

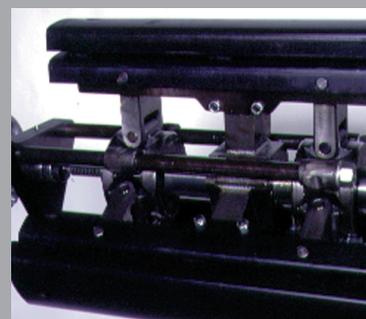
COIL WEIGHT CHART* COIL O.D.

COIL WIDTH	36"	42"	48"	54"	60"	66"	72"
54"	10,300	15,700	22,100	29,200	37,300	45,900	56,700
60"	11,400	17,400	24,600	32,400	41,400	51,000	63,000
66"	12,500	19,100	27,100	35,600	45,500	56,100	69,300
72"	13,700	20,900	29,500	38,900	49,700	61,200	75,600
78"	14,800	22,600	32,000	42,100	53,800	66,300	81,900
84"	16,000	24,400	34,400	45,400	58,000	71,400	88,200
Coil wt. per inch of width	190	290	410	540	690	850	1,050

*Based on Coils With 20" I.D.



CWP rugged stock reels (Series 5R-12R) utilize wedge type expansion design as standard. Uniform distribution of load throughout the expansion process makes this the most reliable, maintenance-free expansion method.



Superior, three-arm mandrel design provides rugged reliability and smooth payoff of material. Shown with link expansion (3R and 4R models) and optional spacers for added dimension to expansion ranges.

SUPERIOR DESIGN

- Rugged Cabinet Construction
- Heavy-Duty Spindle and Bearing Support
- Durable Expansion Mechanisms
- Three-Arm Mandrel Advantage
- Lasting, Locking Coil Keepers
- Air Brake
- Dependable Ratings, Expandable Capacities
- Two-Year Warranty

AVAILABLE OPTIONS

- Back Stop and Pushoff with Automatic Set-Up from a Job Number
- Variable Tension Controls
- Powered Indexing Features
- Secondary Coil Hold-Down Arms
- Adjustable Sub-Bases
- Special Brake & Drive Provisions
- Coil Arm Spacers
- Quick Clamp Keepers



Automatic Side Guide Rollers

Reduce changeover time and allow operators to process narrow width coils without interference from manual keepers. Dramatically increase productivity when integrated with a traveling reel and auto-centering feature.



Turnstiles

Heavy-duty turnstile construction features 360° rotation and ensures dependable, problem-free operation. Provides staging of coils and automated coil loading and unloading for just-in-time production demands.



Coil Cars, Ramps, and Upenders

Coil cars, ramps and upenders provide convenience and efficiency for coil handling and loading. Coil cars have been designed and built with 180° rotating platforms to speed and simplify coil set-up. Capacities range from 10,000 – 80,000 lbs.



Combination Coil Catcher, Peeler, Decurler

A rugged roll acts as cushion to absorb shock load when loading a new coil. Exclusive "pivot peel" strips lead edge away from coil and directs it behind peeler roll. Peeler roll back breaks material over decurler to facilitate thread-up.



Total System Solutions

We have engineered rugged coil feeding systems to accommodate stock up to 84" wide, .500" thick and coils weighing up to 80,000 lbs. Reels, straighteners, servo feeds, control automation and optional equipment may be utilized to design a total system solution. CWP systems maximize profitability by increasing throughput and part quality, while reducing changeover and set-up time.

Also Available: **CoilMate®/Dickerman®**

REWIND & PALLET DECOILING EQUIPMENT

Rewind Equipment

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

Pallet Decoilers

Coil stack height
up to 37"
Coil O.D. 36" – 72"
Capacity:
2,000 – 20,000 lbs.

Payoff Reels

Capacity:
1,600 lbs. – 3,000 lbs.
12" – 18" Width
48" – 52" O.D.

Coil Cradles

Capacity:
2,500 lbs. – 10,000 lbs.
10" – 48" Width
48" – 60" O.D.

cooper-weymouth, peterson
Hinckley Road, Clinton, Maine 04927
(207) 426-2351 FAX: (207) 426-8868
Toll-Free 1-800-247-COIL
www.cwpcoil.com

FORMTEK
More Productive Metalforming Solutions
www.formtekinc.com

◆ A MESTEK COMPANY