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Davis-Standard is recognized globally as the leader in high-performance converting and extrusion systems. But our capabilities go far beyond our equipment. They extend to our professional training experts, laboratory personnel, design engineers, and hands-on field engineers who work with you every step of the way. Your success is our success.

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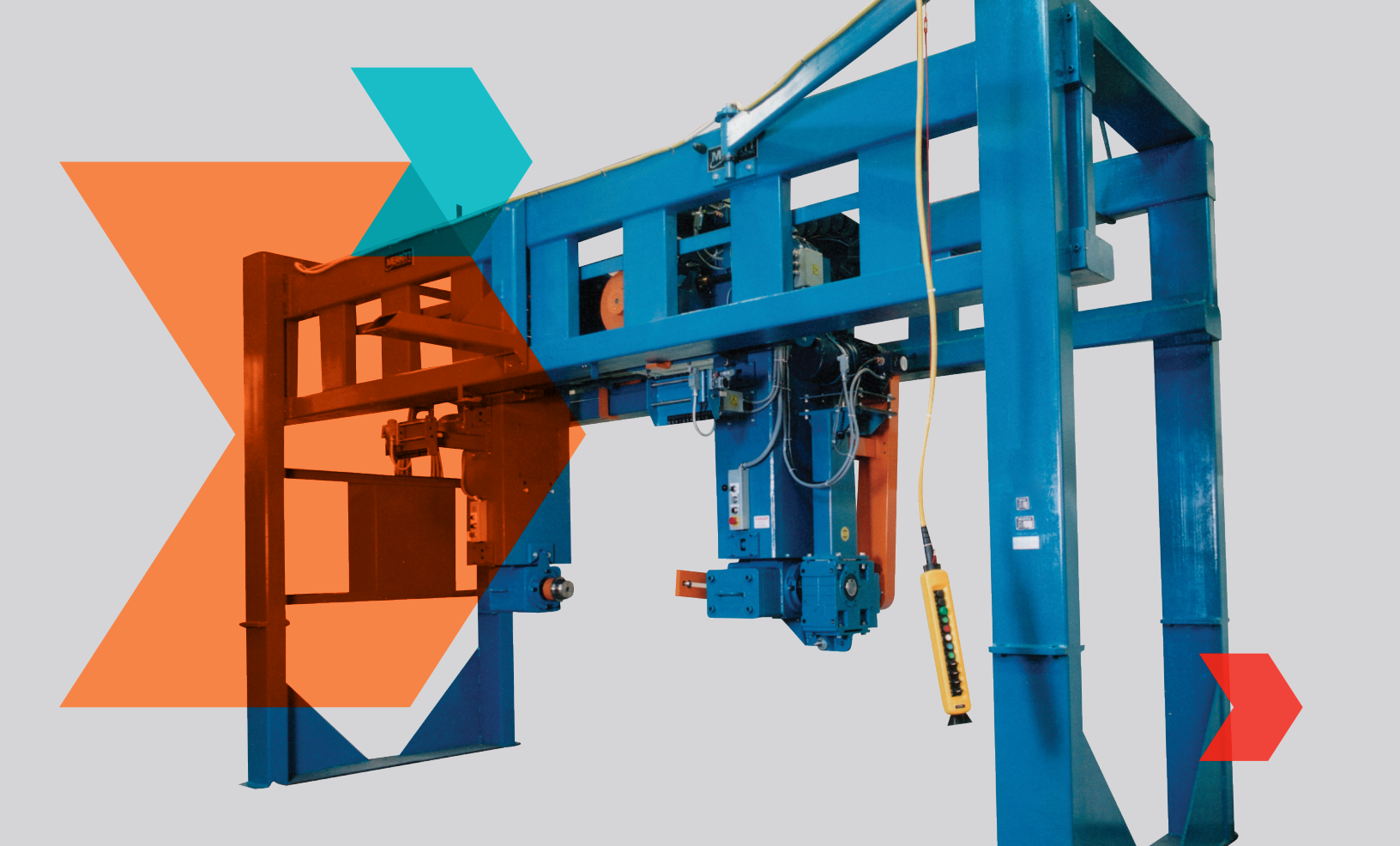
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Single Reel Payoffs And Takeups



A complete range of payoff and takeup systems designed to handle products as small as 40 awg soft copper and as large as jacketed cable up to 6 inches (150mm) in diameter. This product offering includes both motorized and drag type systems in various configurations including roll-thru, retracting arm and shaft type, with ranges from 12-inch to 144-inch flange diameters and weight capacities to 60,000 pounds. For precise control, a complete line of oscillating designs is available.

Features

- Heavy–duty, all steel fabricated construction
- Ease of loading and unloading
- Precise control via speed and/or tension
- Modular construction, simplified installation
- Reliable service



FLOOR TRAVERSING PAYOFF AND TAKE-UP MACHINE DESIGN PARAMETERS

Model	Reel		
	Flange (Min/Max)	Width (Min/Max)	Weight
LF/LSP 1250-D	24" - 50"	16" - 30"	5,000 lbs.
LF/LSP 1600-D	30" - 60"	24" - 46"	8,800 lbs.
LF/LSP 1800-D	36" - 72"	29" - 46"	13,000 lbs.
LF/LSP 2000-D	40" - 80"	29" - 59"	16,000 lbs.
LF/LSP 2200-D	40" - 84"	29" - 59"	17,600 lbs.
LF/LSP 2500-D	48" - 96"	38" - 74"	25,000 lbs.
LF/LSP 3150-D	60" - 120"	46" - 90"	33,000 lbs.
LF/LSP 3500-D	60" - 136"	46" - 90"	44,000 lbs.
LF/LSP 4500-D	80" - 176"	59" - 94"	150,000 lbs.

ROLL-THRU PAYOFF AND TAKEUP

Versatile models configured for either payoff or takeup operation. The frame (AK/AKO) can be supplied in single, double or triple widths to accommodate front and rear positioning and X-Y “Park” positioning. Models are available to accommodate reels with 42 to 144-inch flange diameters weighing up to 60,000 lbs. For accurate winding, all units feature digital traverse systems to positively lay cable according to the diameter set on the control panel. The traverse features adjustable digital delay at the reel flanges and is settable in degrees of rotation.

Advantages

- Shaftless roll-thru design makes it easy to load or unload from either side
- Fixed reel position with traverse (Model AK) or traversing reel (Model AKO)
- Oscillating frame (Model TAP/TWP)
- Independent and coordinated operation of lifting arms
- Right and left reel arms driven in/out individually for insertion of pintle into reel arbor hole
- Swing pintles are self-centering and operator adjustable with up to 6 inches (150mm) of movement during the loading operation (AK/AKO)
- Transmissions are available for extended speed and torque range
- Traversing reel payoffs designed to maintain “zero” fleeter angle
- Traverse trips are easily adjustable
- Payoffs can be supplied driven or non-driven with various types of tension brakes
- Pendant mounted controls for all functions

PORA/TURA MODEL PAYOFF AND TAKEUP

This shaftless design is equipped with pneumatic reel lift or dual electric screw-jack actuators on 84 to 120-inch units. It is designed for mechanical or electrical engagement of reels. Larger units utilize independent arm movement for reel engagement while single actuation is supplied on models 24 to 36 inches (600 to 880mm) for unison operation.

Advantages

- Ease of loading and unloading
- Space saving low profile construction
- Lift and width control are integrated into a common joystick for ease of operation
- Pintle shafts accommodate replaceable arbor adaptors
- Payoffs available as non-driven “Drag” type with tension/E-stop brake
- Takeup(s) feature direct input of product diameter for precise traverse lay
- Mechanical or electrical brake
- Dual units with common frame
- Dual takeup units with semi-automatic cut/feed systems
- Direct integration with accumulator controls
- Capabilities for accommodatingdifferent arbor sizes
- Extra width
- Transmission
- Tension or dancer controls
- AC vector drive
- E-brake
- Low, medium and high tension dancers
- Traversing frame for oscillating reels to maintain “zero” fleeter angle

ROLL-THRU PAYOFF AND TAKEUP MACHINE DESIGN PARAMETERS

Model	Reel		
	Flange (Min/Max)	Width (Min/Max)	Weight
AK/AKO 84	42" - 84"	30" - 70"	30,000 lbs.
AK/AKO 96	48" - 96"	32" - 74"	30,000 lbs.
AK/AKO 120	48" - 120"	32" - 74"	40,000 lbs.
AK/AKO 144	60" - 144"	40" - 80"	60,000 lbs.

PORA/TURA MODEL PAYOFF AND TAKEUP MACHINE DESIGN PARAMETERS

Model	Reel			Speed	Lift
	Flange (Min/Max)	Width (Min/Max)	Weight		
PORA/TURA 24	12" - 24"	6" - 18"	1,000 lbs.	3,000 FPM	Air
PORA/TURA 36	18" - 36"	12" - 24"	2,000 lbs.	2,000 FPM	Air
PORA/TURA 40	18" - 40"	12" - 24"	2,000 lbs.	2,000 FPM	Air
PORA/TURA 50	24" - 50"	16" - 34"	5,000 lbs.	2,000 FPM	Air
PORA/TURA 60	30" - 60"	18" - 36"	6,000 lbs.	1,000 FPM	Air
PORA/TURA 72	30" - 72"	20" - 44"	20,000 lbs.	1,000 FPM	Air
PORA/TURA 84	40" - 84"	30" - 70"	30,000 lbs.	1,000 FPM	Screw Jack
PORA/TURA 96	40" - 96"	30" - 76"	30,000 lbs.	1,000 FPM	Screw Jack
PORA/TURA 120	48" - 120"	36" - 84"	40,000 lbs.	750 FPM	Screw Jack