

## Dual-Spindle REELEX® Coiling Machine

The D-1500 is a dual-spindle REELEX coiling machine designed for either rewind-line or online configurations. Unlike the D-750, which must be stopped after each coil is made, the D-1500 has a cut and transfer system that automatically switches the product to the empty mandrel after a coil is finished winding. This allows the D-1500 to run continuously for seamless production and packaging when placed at the end of an extrusion line.

The D-1500 is equipped with a controller featuring length presets, diagnostic and troubleshooting software as well as coil winding control.



### Performance

Online, and in unison with an AC-300 accumulator, the D-1500 will run up to 1,500 feet (457m) per minute producing up to eighty 1,000 ft (305m) coils in an hour. Offline, the D-1500 will produce 30 to 50 coils per hour depending on payoff speed, reel size and operator skill.

The D-1500 packaging line can be operated by a single operator, though two operators are recommended for maximum performance. This allows one operator to prepare the packages while the other tends to coil removal.

### Options

The D-1500 is typically equipped with two 8 inch (20.3 cm) collapsible mandrel and 18 inch (45.7 cm) endform sets. However, depending on the flexibility and diameter of the product, 6-inch mandrels with 12 or 18-inch endforms are available along with a 10-inch/21-inch mandrel/endform set for products with large diameters or bending radii.

Other options include mechanical and electrical spare parts kits as well as a 15" ring sheave buffer upgrade for coiling Cat 6, Cat 7 and Fiber Optics.

EC Safety Guarding with automatic shield actuation is available for countries operating under European safety regulations.

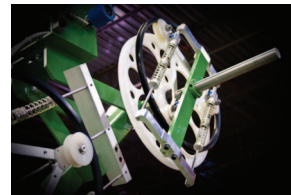
### Features



**On-Board Troubleshooting**  
Every REELEX machine has an integrated troubleshooting program specially-designed to diagnose issues and simplify maintenance of every REELEX machine.



**Stretch-Wrap Ready**  
The new automated Stretch Wrap module can be ordered with any new D-1500 or retrofitted to add additional packaging capability.  
  
This module is recommended for products that are stiff, or for coils that require additional security.



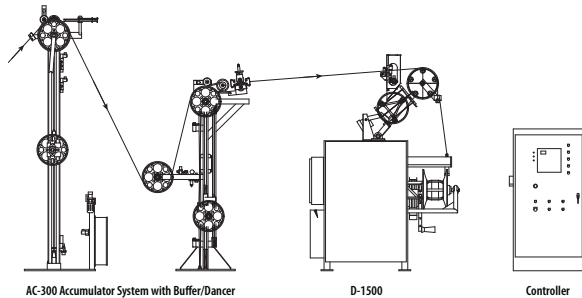
**15-Inch Buffer Sheaves**  
Lightweight, low-inertia 15-inch buffer sheaves are optional on the D-1500. These sheaves greatly reduce the amount of spinning mass during the coiling process, significantly reducing the amount of stress placed on the cable.



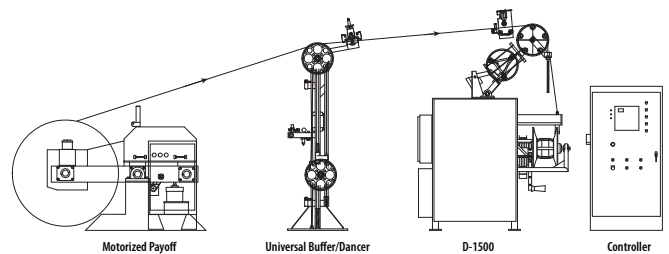
**Continuous Operation**  
The D-1500 is equipped with a cutter/grabber system which allows for continuous winding. When one coil is finished, the product is automatically cut, and brought over to the second mandrel. This capability allows the D-1500 to operate at up to 1,500 feet per minute.

## Line Layout

### TYPICAL ONLINE LAYOUT



### TYPICAL OFFLINE LAYOUT



## Specifications

### FEATURES

**Controller:** Controller featuring slowdown/stop presets, diagnostic software, speed and winding control

**Mandrel:** Includes two 8-inch (20.32cm) mandrel sets standard

**Motors:** Two 5 HP (3.75 KW) DC, 1750 RPM spindle motor and one 2 HP (1.5 KW) DC, 1750 RPM traverse motor

**Traverse:** 12 inch (30.5 cm) width

**Buffer:** Moveable three-foot (91 cm) buffer mounted on top of machine

**Counter:** Footage counter mounted at output of dancer

**Anti-Reverse:** Automatic Anti Reverse AAR-1 mounted at input of buffer

### PERFORMANCE

**Offline:** 30 – 50 coils per hour offline (varies with operator skill, payoff reel size and motorized payoff performance)

**Online:** Up to 80 coils per hour online with an extruder. Will follow extruder speed up to 1,500ft/min (457m/min)

### REQUIREMENTS

**Air-Supply:** 70 psi (5 bar) minimum air supply required.

**Power Supply:** 230 v (+/- 10%), 1 or 3 ph., 40 amps, 50/60 Hz. Transformer is available

### OPTIONS

#### Optional Mandrel/Endform Sets

**6/12:** 6-inch (15.25cm) mandrels with 12 or 18-inch (30.5cm or 45.75cm) endforms

**10/21:** 10-inch (25.4cm) mandrels with 21-inch (53.34cm) endforms

#### Other Options

**Spare Parts Kits:** Electrical and Mechanical kits available

**Guarding Upgrade:** EC Guarding to meet European Safety Regulations

**Buffer Upgrade:** 15" ring sheave buffer upgrade for Cat 6, Cat 7 and fiber optic cables

### DIMENSIONS

**Length:** 68" (173cm)

**Width:** 90" (229cm)

**Height:** 111" (282cm)

## Pricing

### ONLINE CONFIGURATION (FROM EXTRUDER)

	EQUIPMENT	PURCHASE	RENTAL
Coiling Machine	D-1500	\$120,100.00	\$2,500.00
Dancer/Accumulator	AC-300	\$42,700.00	\$1,200.00
Motorized Payoff	—	—	—
<b>LINE TOTAL</b>		<b>\$162,800.00</b>	<b>\$3,700.00</b>
Annual Fees	REELEX Usage	\$12,000.00/yr	Included

### OFFLINE CONFIGURATION (FROM SUPPLY REEL)

	EQUIPMENT	PURCHASE	RENTAL
Coiling Machine	D-1500	\$120,100.00	\$2,500.00
Dancer/Accumulator	UDA-15-4C-0H	\$10,350.00	\$300.00
Motorized Payoff	10HP Payoff	\$37,900.00	\$1,250.00
<b>LINE TOTAL</b>		<b>\$168,350.00</b>	<b>\$4,050.00</b>
Annual Fees	REELEX Usage	\$12,000.00/yr	Included

TERMS AND CONDITIONS: EXW, REELEX Packaging Solutions, Inc., Patterson, NY, USA. Terms: One third payable at time of order, one third at shipment, balance net 30 days after shipment. Prices subject to change without notice. Rental prices are per-month. Prices include recommended equipment. For more options or a detailed quote, please contact REELEX Packaging Solutions.