



The D-510 is a single-spindle coiling machine designed for off-line REELEX® packaging. The D-510 will coil 20 to 30 REELEX coils per hour at 500 RPM. The D-510 is no longer in production, but is available as a fully refurbished REELEX machine, and thus has the same one year warranty as new equipment.

As a precursor to the higher-speed D-750, the D-510 is an ideal match for companies just starting with REELEX, or for manufacturers requiring flexibility over speed. The D-510 is a dependable REELEX coiling machine that is simple to work on and easily adjustable to suit different products.

The D-510 features a push-button controlled, pneumatically-actuated outer endform which is removed when the coil is completed. This machine also uses the same electronics and software as the D-750, and will thus wind REELEX coils with the same precision and adjustability.

An external buffer (BDA-31) is included with the D-510, as one is not directly mounted to the machine. A motorized payoff and UDA (Universal Dancer Accumulator) manufactured by REELEX Packaging Solutions is also recommended for optimal performance, but may be purchased elsewhere.

### REELEX Introduction Program

In order to minimize the capital and market risk of adopting REELEX packaging, a REELEX Introduction Program is available to new licensees. The REELEX Introduction Program allows companies new to REELEX to try coiling equipment at no cost for 18 months until a successful market is established. This program is only applicable for D-510 equipment (buffer and one mandrel/endform set included) and only while machines are available.

#### 18 Months Free

REELEX will lend all coiling equipment free of charge for 18 months while a market for REELEX is established for your product. At the end of the term, you may return the equipment, purchase, rent, or upgrade to new equipment.

The purchase of a dancer and motorized payoff is recommended for optimal performance.

#### Become a Full REELEX Licensee

As a REELEX licensee, you join a family including over 100 of the world's most innovative manufacturers .

To take part in the introduction program, you must sign a license agreement and pay the one-time \$7,500.00 license fee. Half of this fee is refundable if the agreement is cancelled within the 18 month period.

#### Packaging Development Included

As a REELEX licensee, all packaging development assistance is included, including prototyping and samples.

Leverage our 30+ years of packaging expertise in helping you develop an optimal package for both your product and your market.

## Specifications

### FEATURES

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

**Motors:** One 3 HP (2.25 Kw) DC, 1500 RPM spindle motor and one 2 HP (1.5 Kw) DC, 1750 RPM traverse motor.

**Traverse:** 6 in (15 cm) to 12 in (30 cm) width (adjustable on some models).

**Speed Control:** 10 presets for constant spindle speeds from 50 RPM to 500 RPM in 50 RPM increments with adjustable acceleration and deceleration. Line speed depends on the diameter of the coil.

**Length Control:** Four digit footage/meter counter with two presets (slow down and stop).

**Coil Winding Control:** Adjust payout hole size by degrees. Adjust spacing between crossovers (ratio setting).

**Diagnostic Software:** Four digit readout for trouble shooting and testing of all electronic and mechanical functions. Contains 24 programs that run all motors, energize all output relays and monitor all inputs.

**Optional Controls:** Four additional I/O ports available for customer specified controls.

### OPTIONS

**Mandrel and Endform Options:** Standard 8 in (20.3 cm) collapsible mandrel and 18 in. (45.7 cm) endform set. Optional mandrels include 4 inch, 6 inch, 6 inch wide, and 10 inch diameters. Endforms range from 10 inches to 21 inches.

### PERFORMANCE

**Max Spindle Speed:** 500 RPM

**Coils/Hour:** 20 to 30 depending on product size, payoff reel and operator skill.

### REQUIREMENTS

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

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

## Pricing

### OFF-LINE CONFIGURATION (FROM SUPPLY REEL)

	EQUIPMENT	PURCHASE (REFURBISHED)	RENTAL
Coiling Machine with Buffer	D-510 / BDA-31	\$25,000.00*	\$1,000.00*
Dancer/Accumulator	UDA-9-1C-0H	\$8,300.00	\$250.00
Motorized Payoff	10HP Payoff	\$37,900.00	\$1,250.00
<b>LINE TOTAL</b>		<b>\$66,250.00</b>	<b>\$2,350.00/MONTH</b>
REELEX Usage Fee - First Year	REELEX Usage	\$6,000.00	Included in Rental
REELEX Usage Fee - Second Year	REELEX Usage	\$8,500.00	Included in Rental
REELEX Usage Fee - Ongoing	REELEX Usage	\$10,000.00/yr	Included in Rental

*\*If taking part in REELEX Introduction Program, equipment is free of charge for 18 months. Shipping and crating not 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.