



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
Line Total		\$66,250.00	\$2,350.00/month
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.