

SCHEDULE C - D-1500

Dual Spindle Machine for Rewind or Online Operation

REVISION:
03/03/10

OPERATING SPECIFICATIONS

A. Controller

Microprocessor PC automatically controls coiling machine operations to wind REELEX coils.

Includes:

Speed Control: 10 presets for constant spindle speeds from 75 RPM to 750 RPM in 75 RPM increments with adjustable acceleration and deceleration. Line speed depends on the diameter of the coil. For an 8 inch (20.3 cm) mandrel at maximum speed, the line speeds for these coil diameters will be:

COIL DIAMETER INCHES (CM)	AVERAGE SPEED FPM (MPM)	OUTER LAYER FPM (MPM)
10 (25.4)	1760 (537)	1950 (594)
12 (30.5)	1950 (593)	2350 (718)
14 (35.6)	2160 (659)	2750 (837)
16 (40.6)	2350 (719)	3130 (955)
18 (45.7)	2550 (777)	3520 (1074)

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 (gain setting).

Diagnostic Software: Four-digit readout for troubleshooting and testing of all electronic and mechanical functions.

Optional Controls: 24 I/O's can be pre-programmed for additional optional stop, start, alarm or other control function desired.

Power: 230 Volt (+/- 10%), single phase, 60 Amperes, 50 or 60 Hz, (Optional: Three phase, 30 Amp or 380 - 415 VAC with neutral. A transformer may be required at additional cost.)

B. D-1500 Coiling Machine

Maximum speed 750 RPM. Dual spindle with automatic cut and transfer. Pneumatic endform removal.

Includes:

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.
Mandrel/Endforms:	Standard 8 inch (20.3 cm) collapsible mandrel and 18 inch (45.7 cm) endform set. Outer Endform pneumatically removed when coil is completed. Other size mandrels and endforms available on special order or as auxiliary equipment. Diameter of endforms is the maximum coil diameter.
Air requirement:	70 PSI (483 Kpa) for automatic cutter and cross-over operations.
Optional features:	Color. Please specify when ordering.
Buffer:	Moveable three-foot (91 cm) buffer dancer mounted on top of machine.
Counter:	Footage counter mounted at input of buffer dancer.
Anti-Reverse:	Automatic Anti Reverse AAR-1 mounted at output of buffer dancer.
Safety Guarding:	Standard safety guarding included. Special Guarding available at additional cost.

PRICING

Base price includes coiling machine and controller.

Base Price: US\$120,100.00