

# M340 Dual-Spindle REELEX Machine



The [M340](#) is a dual-spindle REELEX coiling machine capable of high-speed coiling in online or rewind configurations.

## Key Features

- With **automatic cut and transfer** between spindles, the M340 can run nearly continuously, allowing for operation **online**, or rewinding from a bulk reel
- **Operator** performs coil removal and packaging
- **Automated safety** doors and integrated safety PLC

Capability	Imperial	Metric
Maximum Spindle RPM	750	
Number of Spindles	2	
Online Capable	Yes	
Coils per Hour (Online)	Up to 80 coils per hour online with an extruder. Will follow extruder speed up to 1,500ft/min (457m/min)	
Coils per Hour (Offline)	Up to 60 coils per hour offline (varies with operator skill, payoff reel size and motorized payoff performance)	
Operators Required	1, 2 is optional to maximize output. Depends on skill and package complexity.	
Product Diameter Range	Ø0.05 in to Ø0.50 in	Ø1 mm to Ø12 mm
Available Mandrel Sets	6 or 8 inch mandrel with 18 inch endforms, 10 inch mandrel with 21 inch endforms.	

Features	
Controller	<p>Control Cabinet mounted to the frame includes "Winding Module" PCB-based control system, I/O, power supply and "off-the-shelf" drives.</p> <p>Operator Interface is a high-definition 21-inch touchscreen HMI featuring on-screen help, product recipe storage, REELEX packaging calculator, maintenance functions, machine setup, multilingual options and more. Combination of soft and hard buttons allow for easy to implement upgrades and adaptations. Networking capability allows Modbus data to be transmitted and analyzed, supporting real-time machine metrics.</p>
Spindle Motor	2 x 5 HP (3.75 KW) AC, 1,750 RPM max
Traverse Motor	2 HP (1.5 KW) AC, 1,750 RPM max
Drives	Industry standard brands
Cut and Transfer	Automatic cut and transferring of cable between spindles. Transfer time < 7 sec.
Printer Interface	Print reset signals REELEX machine to cut and transfer. Signal landed at I/O module.
Buffer System	High-performance buffer with 15" sheaves and extremely lightweight ring sheave is suitable for products such as Category 6, 6A and Fiber Optics.
Anti Reverse	Air bladder style wire clamp automatically prevents wire from moving when the machine is stopped. Eliminates

	deformation of the cable by clamping the cable via soft, high-grip bladder.	
Length Counter	Light-contact length counter included on buffer frame. Scalar adjustable on HMI.	
Safety Door	Automated physical safety barrier prevents operator access when running. Door automatically opens to allow the operator to remove the coil.	
Safety Controls	Dual-channel Category 4 safety devices including interlocks, light curtains and safety PLC.	
Color	Sky Blue (RAL 5015)	
Length	88 in	222 cm
Width	79 in	201 cm
Height	113 in	287 cm
Weight	4400 lbs	1996 kg
Minimum Air-Supply Requirement	70 psi	5 Bar
Power Supply Requirement	230 v (+/- 10%), 3 phase, 40 amps, 50/60 Hz. Transformer is available upon request.	

## Pricing

Purchase Price	\$305,000
Rental Price	\$5,650 per month*

\*Rent and usage fees adjusted annually per the CPI-U inflation index.