

S320 Single-Spindle REELEX Machine



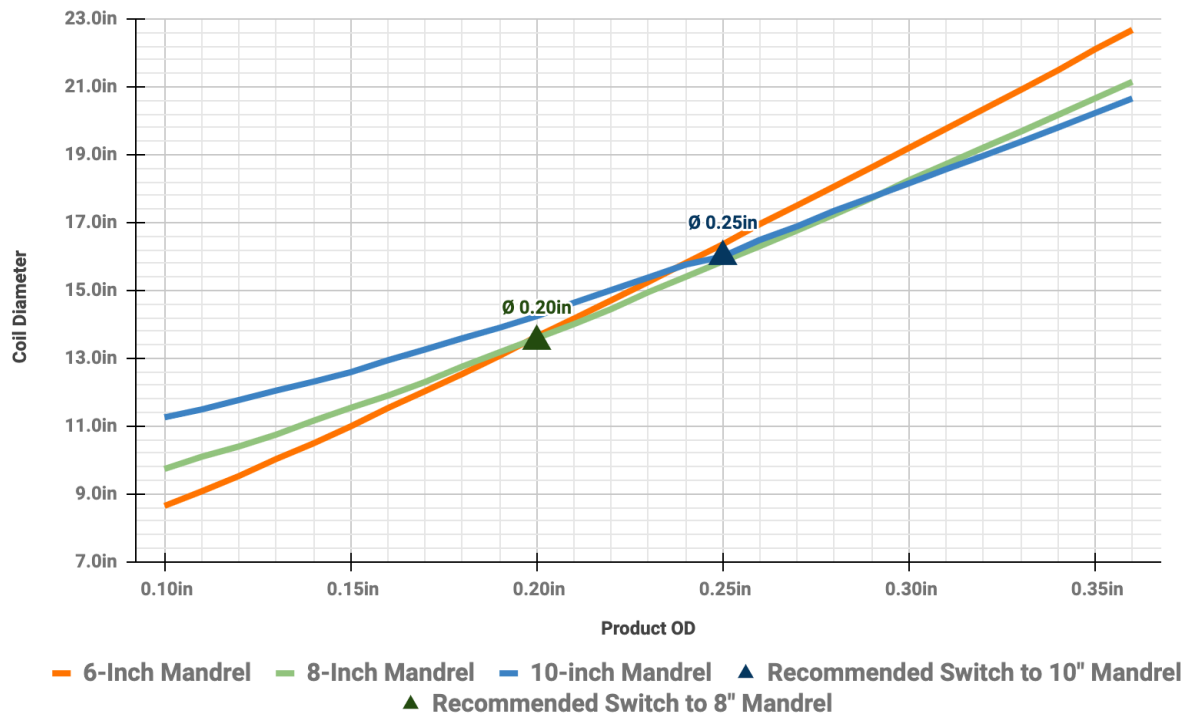
The [S320](#) is a single-spindle REELEX coiling machine for manufacturers looking for versatile high-performance packaging capability in rewind applications.

Key Features

- Suitable for **rewind** applications where bulk cable is cut to length
- **Single operator** performs cut and packaging functions
- **Automated safety** door and integrated safety PLC

Product Range

Coil Diameter (1,000ft) by Product OD and Mandrel Size



Specifications

Capability	Imperial	Metric
Maximum Spindle RPM	750	
Number of Spindles	1	
Online Capable	No	
Coils per Hour (Online)	N/A	
Coils per Hour (Offline)	30 - 40 (based on 1,000ft/305m coil length)	
Operators Required	1	
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	Control Cabinet mounted to the frame includes "Winding Module" PCB-based control system, I/O, power supply and "off-the-shelf" drives. 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.	
Spindle Motor	5 HP (3.75 KW) AC, 750 RPM max	
Traverse Motor	2 HP (1.5 KW) AC, 750 RPM max	
Drives	Industry standard brands	
Printer Interface	Sequential print reset signals REELEX machine to stop at coil length. 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	2910 lbs	1320 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.	

Line Configuration

