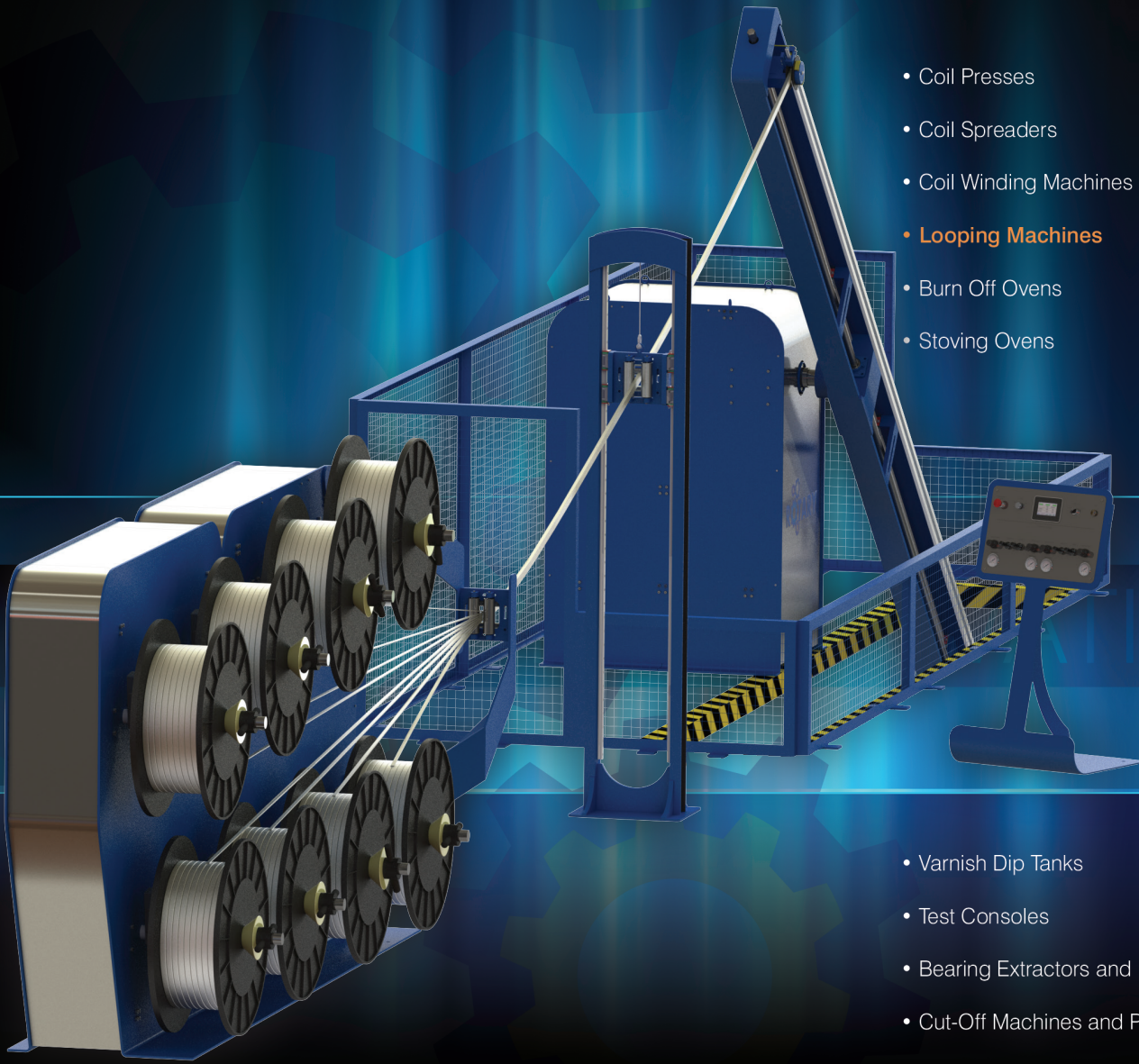


ROTARY

ENGINEERING

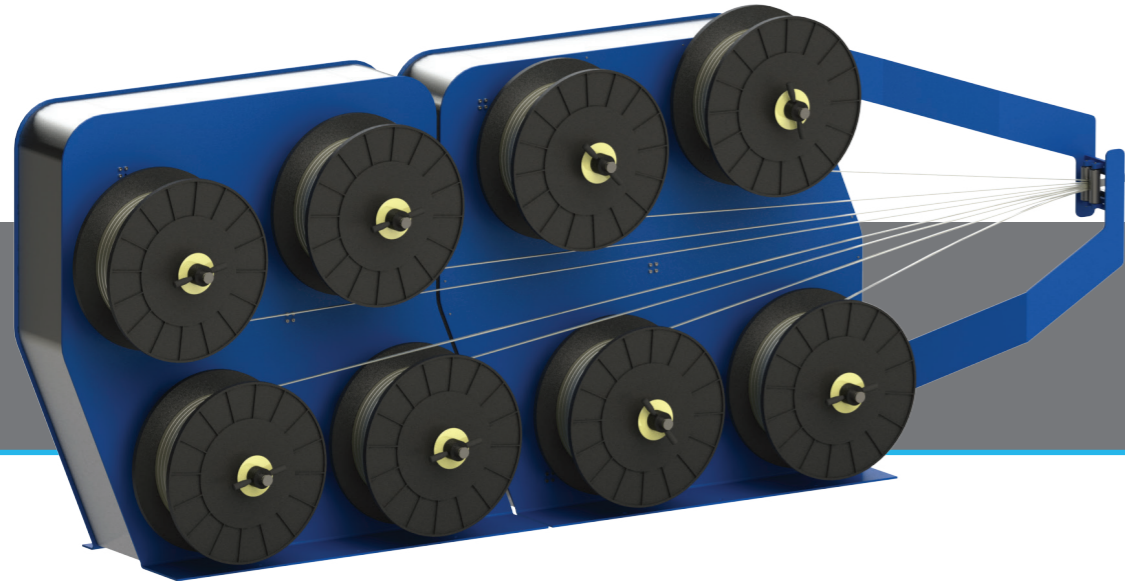


- Coil Presses
- Coil Spreaders
- Coil Winding Machines
- **Looping Machines**
- Burn Off Ovens
- Stoving Ovens

- Varnish Dip Tanks
- Test Consoles
- Bearing Extractors and Heaters
- Cut-Off Machines and Pullers
- Industrial Washing Machines
- Wire Stripping Machines
- Pneumatic Edge Benders
- Cut to Length Machines
- Specialist Test Equipment

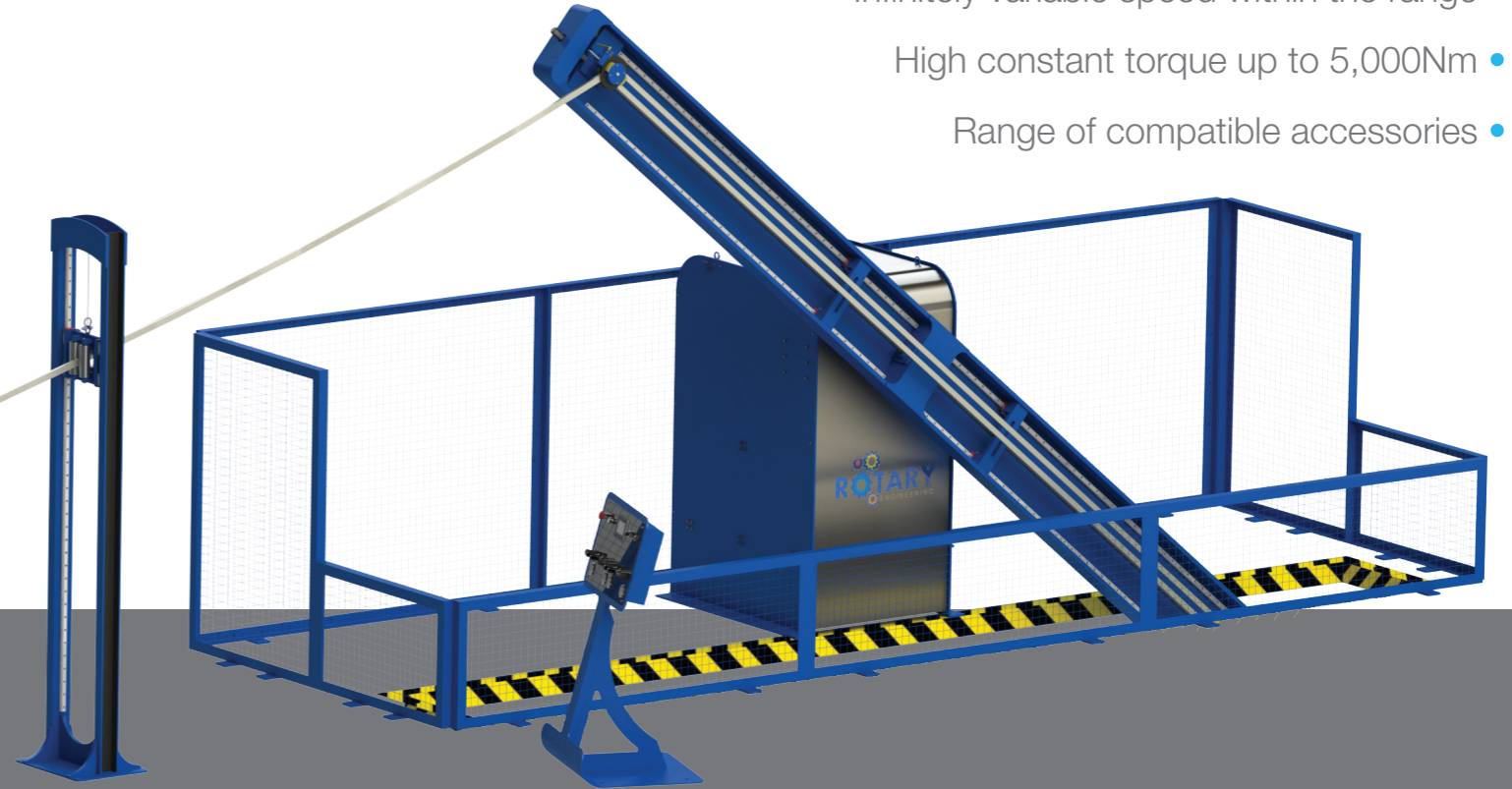
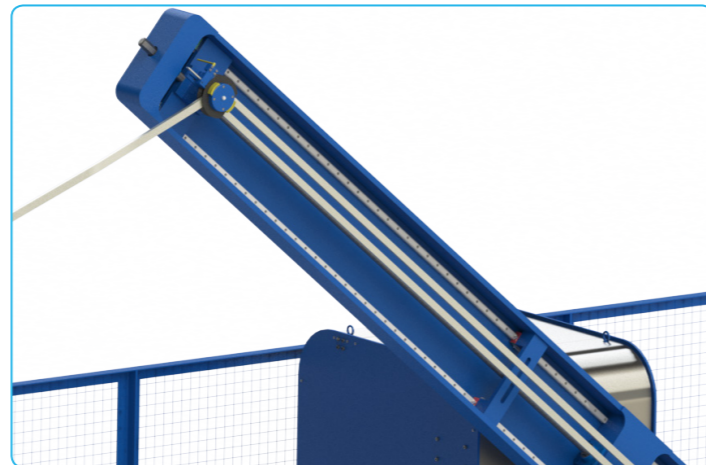
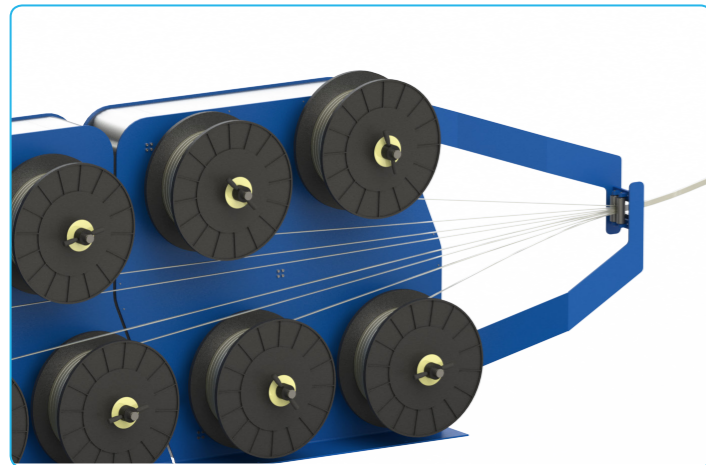
ROTARY LOOPER

Our range of coil loop winding machines offers a robust, well engineered, high torque machine that will give you years of reliable service. Suitable for loops from 1.5m to 5.0m with our tension de-reeling systems, wire gathering and squirrel taping option we can offer you the full suite of equipment to match your Rotary Coil Spreader and Coil Press.



Heavy duty de-reeler for coils up to 180 kg and 800mm diameter. Torque control by pneumatic disc braking system.

Looper bar for loops up to 5m long, available with trapezoidal attachment.



Single integrated control stand can be positioned to suit operator. Touch screen interface for ease of use.

Intermediate wire guide available to reduce vibration and movement in the wires between de-reeling and the loop winding application.



OPTIONS INCLUDE:

- Programmable
- Accurate lap and coil count
- Automatic stop
- Infinitely variable speed within the range
- High constant torque up to 5,000Nm
- Range of compatible accessories

ROTARY LOOPER

SPECIFICATION & TECHNICAL DATA

	L20	L35	L50
OPERATING PARAMETERS:			
Loop Length	1,000 m to 2,000 mm	up to 3,500 mm	up to 5,000 mm
Control	PLC Control with portable stand and integrated de-reeling controls. Includes lap count, unit count, reverse count		
Pin diameter	15mm minimum		
Maximum loop width	To suit customer requirements		
Loop length adjustment	Via lead screw then locked		
Speed Range	0 – 25 rpm fully variable	0-20 rpm - fully variable	0-15 rpm fully variable
Torque	2,882 Nm	4000Nm	5000Nm
Shaft diameter	75 mm	100 mm	120 mm
Shaft centre height	1000 mm	1200 mm	1400 mm
Automatic Brake	Prevents de-reeling with loss of power or shift end		
MACHINE DIMENSIONS:			
Height	1400 mm	1500 mm	1600 mm
Width	750 mm	1000 mm	1000 mm
Depth			
POWER REQUIREMENTS:			
Power	Three phase, 50/60 Hz		
Voltage	380 / 415 Volts	380 / 415 Volts	380 / 415 Volts
Current	32 amps – full load	32 amps – full load	32 amps – full load
Motor	7.5 kW	7.5 kW	7.5 kW

	WTHD - 4	WTHD - 8	WTD - 12
OPERATING PARAMETERS:			
No reels	4	8	12
Configuration	One side	One side	6 reels each side
Drum capacity	Diameter: 800 mm, Weight: 180kg		
Reel core diameter	minimum 32mm – maximum 125mm		
Gathering / guides			
Maximum drum speed	100 RPM		
Restraining torque	Min: 25 NM at 0.5 bar air pressure, Max: 125 NM at 6.0 bar air pressure		
Air pressure regulation to brake	Zero to Max. supply continuous		
DIMENSIONS:			
Lower shaft height			
Upper shaft height			
Height			
Width			
Depth			
AIR SUPPLY REQUIREMENTS:			
Clean dry air supply	6 bar		

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