

INDUSTRY AUTOMATION

W W W . N O E L - A U T O M A T I O N . C O M

THE POWER OF SINERGY



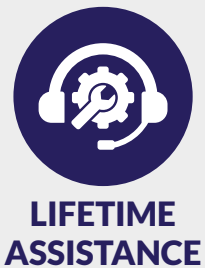
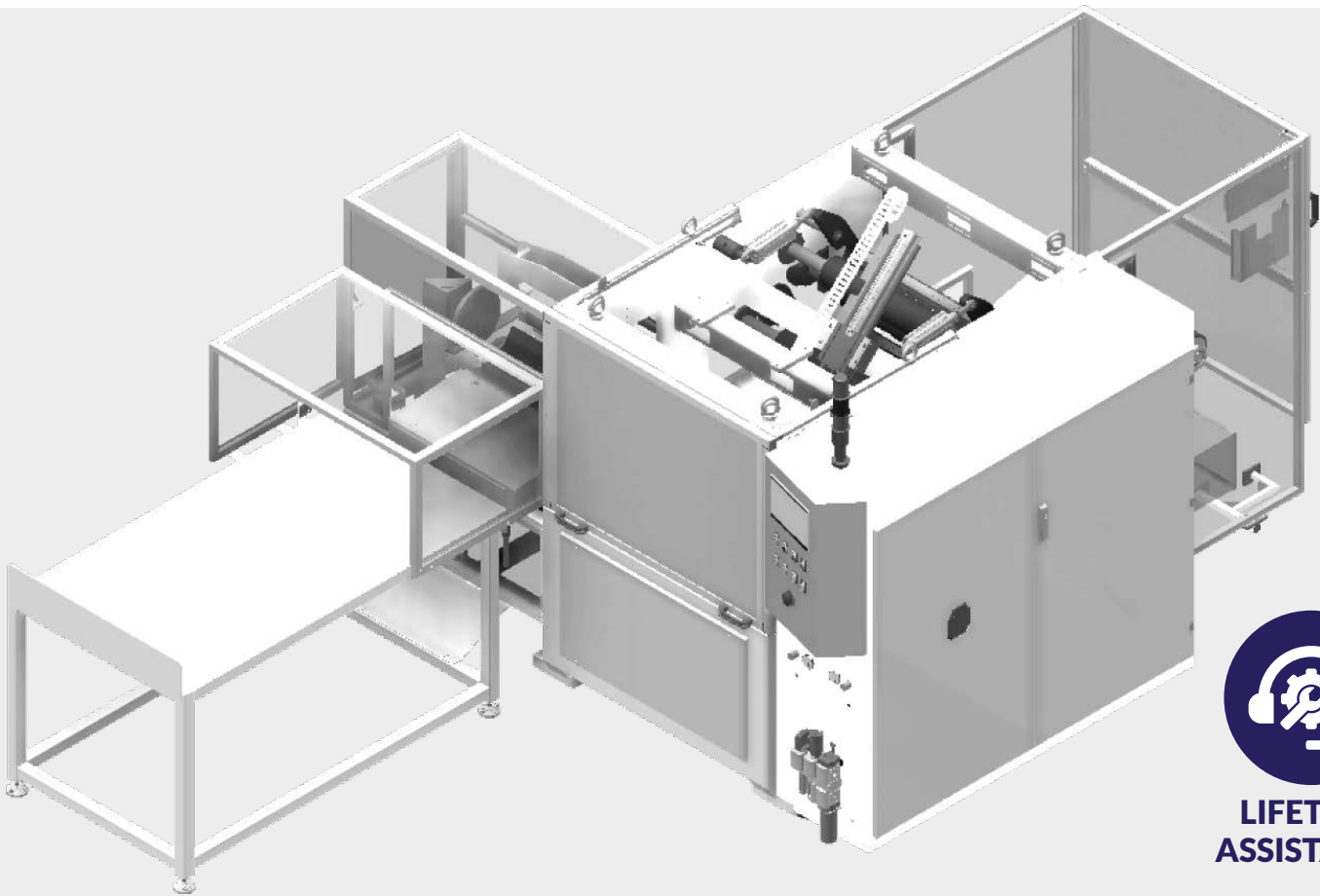
NO.EL.[®]

Active since 1983

The company joined the group in 2022. Venue dedicated to the engineering, the assembling and testing of innovative solutions for the re-winding and stretching of extruded film.

CORELESS 500/250

2



TECHNICAL FEATURES

Jumbo Roll Input	1 x 400 to 550 mm (15" to 22") width Max Diameter 550 mm (22") Thickness 8 to 35 μ m (30 to 138 gauge) Standard Core 76 mm (3")
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Output Optionals	Hand / Machine Coreless Rolls Slitter Miniroll System Core Loader System
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Output Production	Winding up to 1100 m/min (3608 ft/min) 160 rolls per hour 200m (656ft)
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Winding System	3 axes shafts Turret Coreless (Special Patented) Standard 38-50-76 mm (1,5"-2"-3") Max Diameter 280 mm (11")
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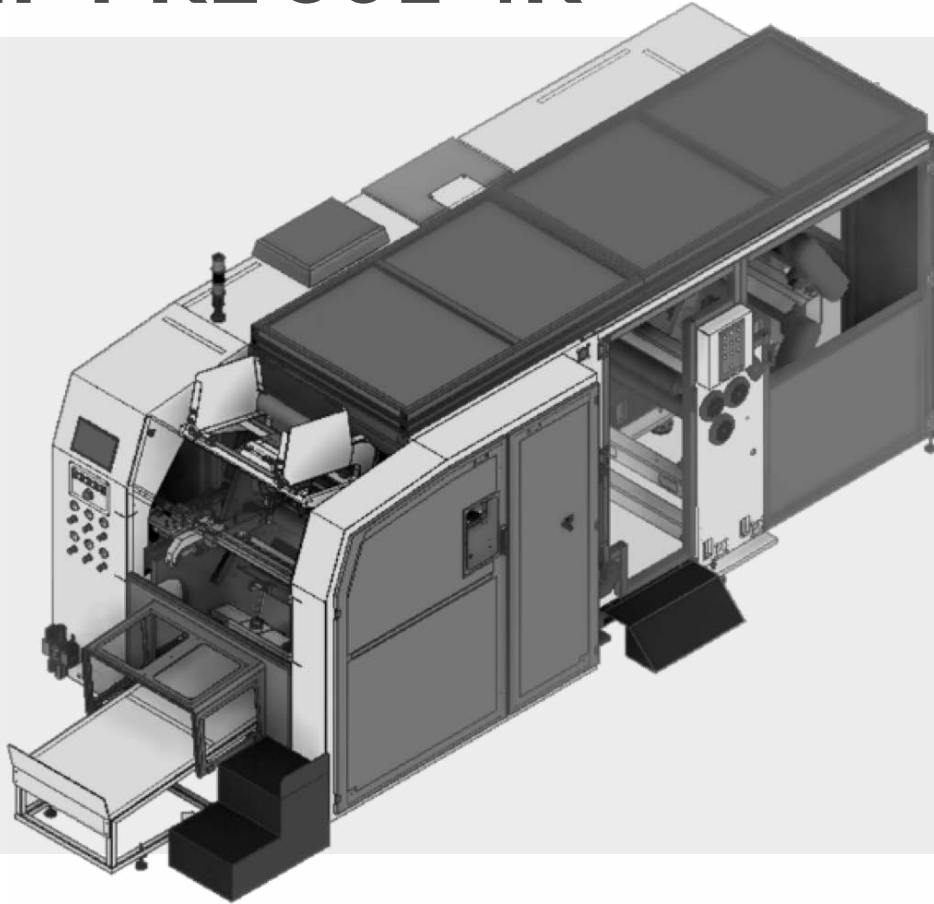
Equipment	Special Patented Coreless Mandrels
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Air Supply	8 bar (116 psi) 350 NI/min
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Electric Supply	3P 400/440 V, 50-60 Hz 14 kW (4 kW avg)
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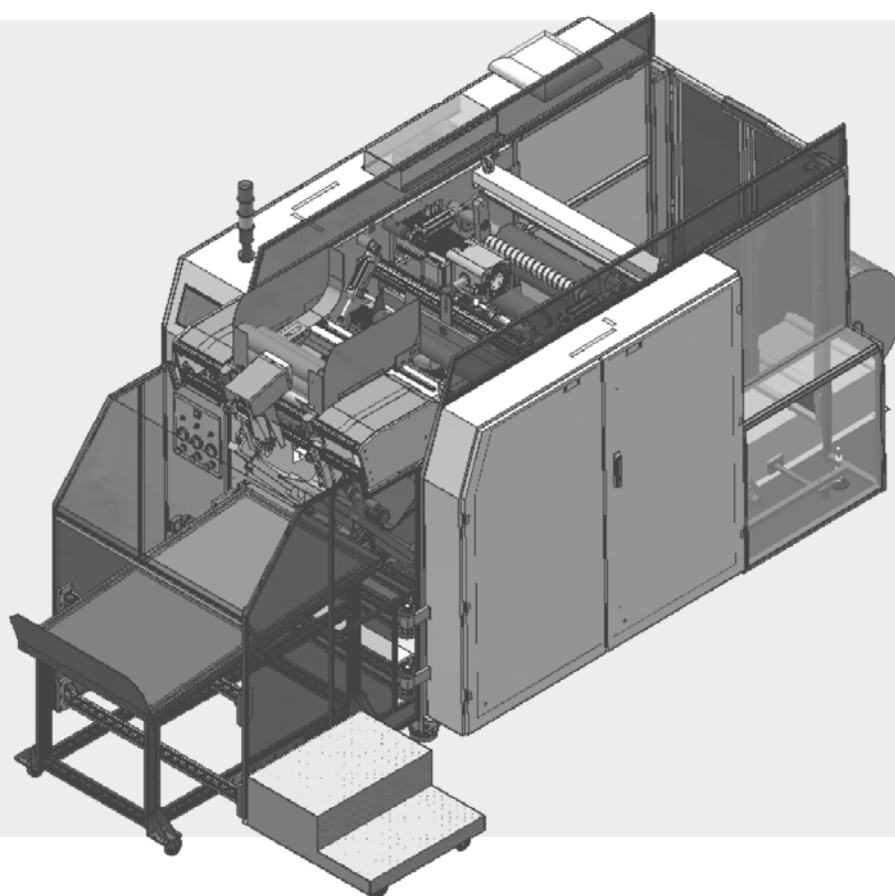
Weight	2000 Kg
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MP PRE 501 4R



TECHNICAL FEATURES

Main Jumbo Roll	500 mm (22") width
Jumbo Roll Thickness	10 to 23 µm
Jumbo Roll for reinforcement	180 to 500 mm (7" to 22")
Cardboard Cores Standard	76 mm (3")
Jumbo Roll loading by electric lift carriage	
Production speed	macroperforated pre-stretched up to 500 m/min only pre-stretched up to 1000 m/min pre-stretched with reinforcement strips up to 1000 m/min
Finished Roll Change System	Shaftless with electrostatic charges
Finished Roll	Max Diameter 280 mm (11") Mandrels 38-50-76 mm (1,5 - "2-3") Perforation system (Patented) Winding tension Adjustable with automatic compensation Folding Edge Oscillating System Film adjustable in frequency and amplitude Diagnostic System new Visual Diagnostic and Teleassistance connection Operator Panel 10" Color touch screen Motors Brushless Motors and Vector Motors
Air Supply	8 bar (116 psi) 1000 NI/min
Electric Supply	3P 400/440 V, 50-60 Hz 38,5 kW (20 kW avg)
Weight	4200 Kg



**LIFETIME
ASSISTANCE**

TECHNICAL FEATURES

Jumbo Roll Input 1 x 450 to 550 mm (8" to 22") width
Max Diameter 550 mm (22")
Thickness 12 to 35 μ m (67 to 138 gauge)
Standard Core 76 mm (3")

Output Specification and Production Down to 5 μ m (20 gauge) According Input Film in Prestretch
Hand and Machine Prestretch
Extended Cores

Output Example Production 70 rolls per hour 600 m (1968 ft)

Prestretch System 100% -400% Multiple Motorized Rollers
Neck-In Adjustable by Panteted System

Winding System Shaftless, Contact Windings Arms on antiadeshive rubber roller
with adjustable Pressure
Mandrels 38-50-76 mm (1,5"-2"-3")
Mandrels 1" or different cardboard cores (Optional)
Max Diameter 280 mm (11")

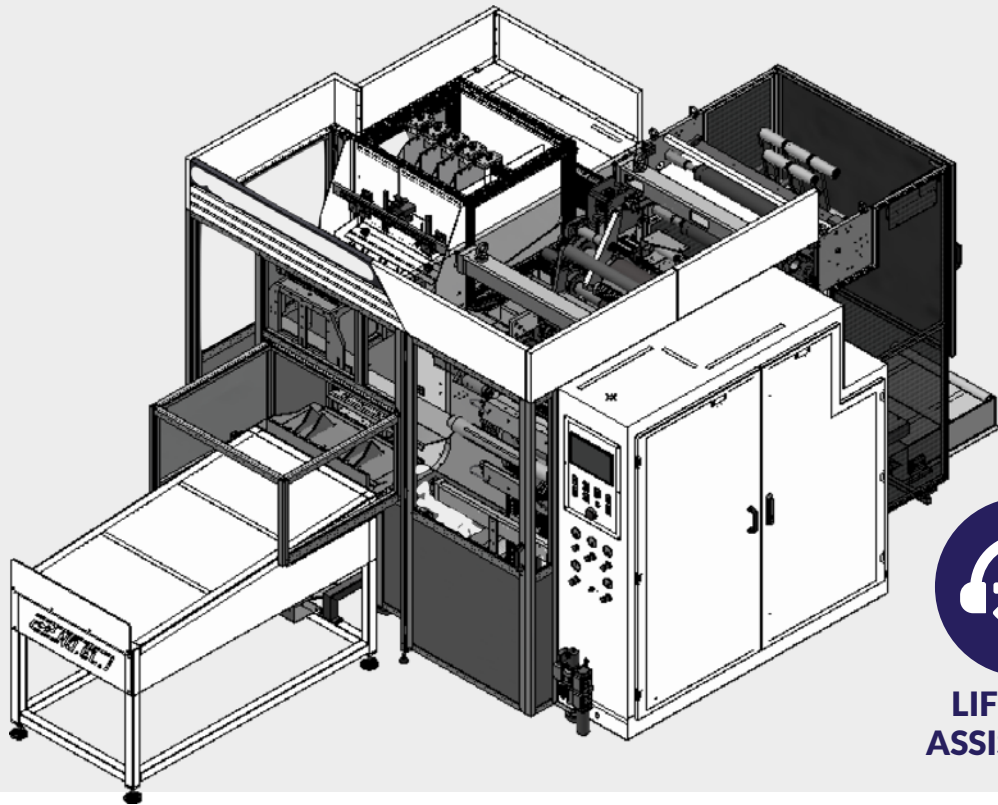
Performance Equipment Systems Winding up to 1000 m/min (3280 ft/min)
Folding Edge and Oscillator Devices
Holes Counter
Electronic Adjustment Finished Roll Diameter

Air Supply 8 bar (116 psi) 200 NI/min

Electric Supply 3P 400/440 V, 50-60 Hz 18 kW (9 kW avg)

Weight 2400 Kg

PRE 500 MULTI



**LIFETIME
ASSISTANCE**

TECHNICAL FEATURES

Jumbo Roll Input 1 x 450 to 550 mm (18" to 22") width

Output Specification Max Diameter 550 mm (22")
Thickness 12 to 35 μ m (50 to 138 gauge)
Standard Core 76 mm (3")
Down to 35 μ m (20 gauge) According Input Film in Prestretch

Production Hand and Machine Prestretch Rolls Core/Coreless
Hand and Machine Conventional Rolls Core/Coreless
Slitter Miniroll (Optional)

Output Example Production 60 rolls per hour 600 m (1968 ft) Prestretched

Prestretch System 100%-400%
Multiple Motorized Rollers
Neck-in Adjustable by Patented System

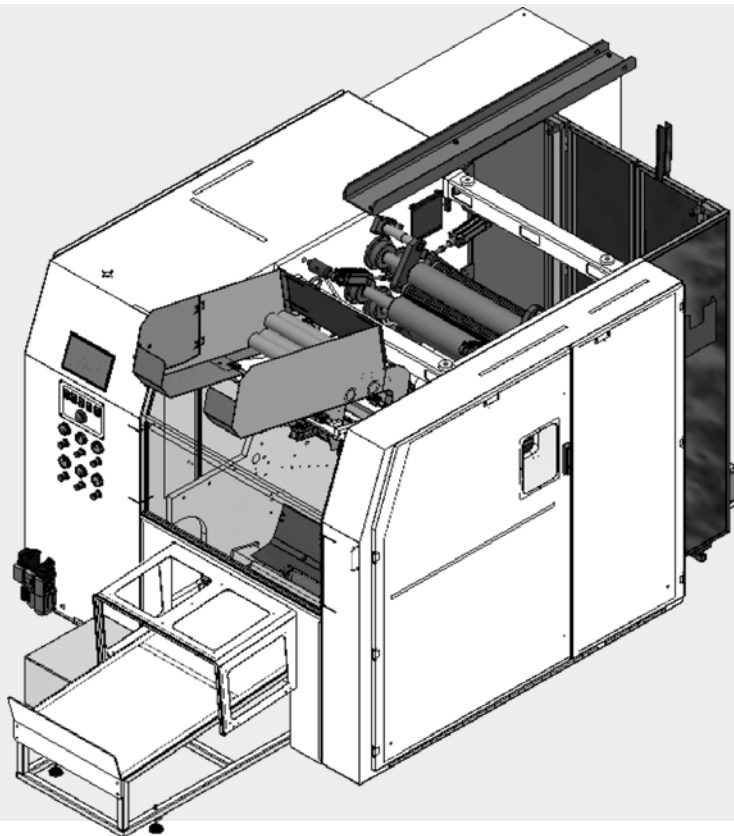
Winding System 2 axes shafts Turret Core and Coreless (Special Patented)
Mandrels 38-50-76 mm (1,5"-2"-3")
Max Diameter 280 mm (11")

Performance Equipment Systems Winding up to 900 m/min (2952 ft/min)
Folding Edge and Oscillator Devices
Holes Counter
Electronic Adjustment Finished Roll Diameter
Special Patented Coreless Mandrels

Air Supply 8 bar (116 psi) 250 NI/min

Electric Supply 3P 400/440 V. 50 - 60 Hz 24 kW (11 kW Avg)

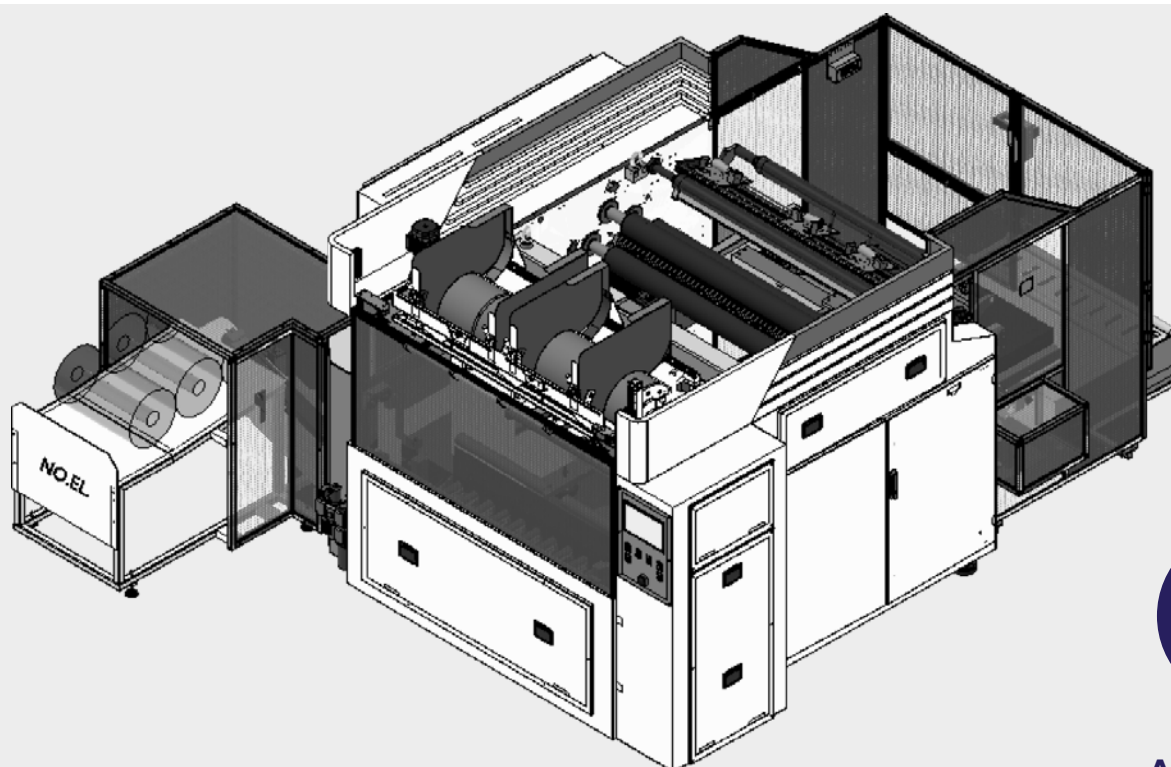
Weight 2700 Kg



TECHNICAL FEATURES

Jumbo Roll Input	1 x 450 to 550 mm (8" to 22") width Max Diameter 550 mm (22") Thickness 10 to 35 µm (67 to 138 gauge) Standard Core 76 mm (3")
Output Specification and Production	Down to 5 µm (20 gauge) According Input Film in Prestretch Hand and machine Prestretch Rolls Extend Cores
Output Example Production	75 rolls per hour 600 m (1968 ft)
Prestretch System	100% -400% in 2 steps Multiple Motorized Rollers Neck-In Adjustable by Panteted System
Winding System	Shaftless Contact Windings Arms adjustable Pressure Mandrels 38-50-76 mm (1,5" -2"-3") Mandrels 1" or different cardboard cores (Optional) Max Diameter 280 mm (11")
Performance Equipment Systems	Winding Up to 1100 m/min (3600 ft/min) Folding Edge and Oscillator Devices Holes Counter
Option	Eletronic Adjustment Finished Roll Diameter
Air Supply	8 bar (116 psi) 250 NI/min
Electric Supply	3P 400/440 V. 50-60 Hz 25 kW (12 kW avg)
Weight	2700 Kg

PRE 1000 3R



**LIFETIME
ASSISTANCE**

TECHNICAL FEATURES

Jumbo Roll Input 2x450 to 550 mm (18" to 22") or 1 x 1100 mm (44") width

Output Specification Max Diameter 550 mm (22")
Thickness 12 to 35 μ m (67 to 138 gauge)
Standard Core 76 mm (3")
Down to 5 μ m (20 gauge) According Input Film

Prestretch System 100%-400% in 2 steps

Winding System Multiple Motorized Rollers
Neck-in Adjustable by Patented System
Shaftless, Contact Windings Arms on antiadhesive rubber roller with adjustable Pressure
Mandrels 38-50-76 mm (1,5"-2"-3")
Mandrels 1" or different cardboard cores (Optional)
Max Diameter 280 mm (11")

Production Performance Hand and Machine Prestretch Rolls Core/Thincore
Winding up to 1100 m/min (3600 ft/min)

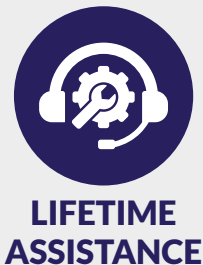
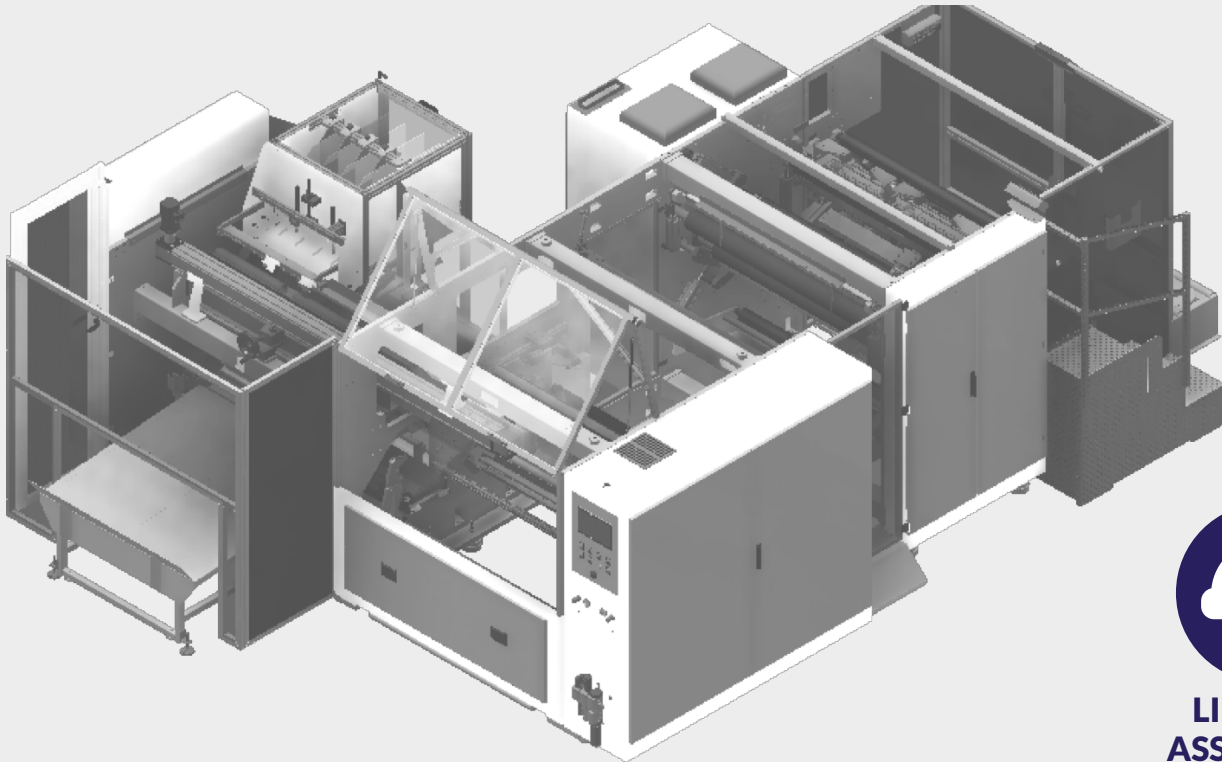
Output Example production 150 rolls per hour 600 m (1968 ft)

Equipment Systems Jumbo Automatic Alignment
Folding Edge and Oscillator Devices
Holes Counter
Automatic Diameter Control of Finished Roll

Air Supply 8 bar (116 psi) 250 NI/min

Electric Supply 3P 400/440 V. 50 - 60 Hz 34 kW (18 kW Avg)

Weight 4700 Kg



TECHNICAL FEATURES

Jumbo Roll Input 2x450 to 550 mm (18" to 22") or 1 x 1100 mm (44") width
Max Diameter 550 mm (22")
Thickness 12 to 35 μ m (67 to 138 gauge)
Standard Core 76 mm (3")

Output Specification Down to 5 μ m (20 gauge) According Input Film

Prestretch System 100%-400% in 2 steps
Multiple Motorized Rollers
Neck-in Adjustable by Patented System

Winding System 3 axes shafts Turret Core and Coreless (Special Patented)
Standard 50-76 mm (2" - 3")
Contac - Contactless LayOn Roller
Max Diameter 280 mm (11")

Production Performance Hand and Machine Prestretch Rolls Core/Coreless
Winding up to 1100 m/min (3600 ft/min)

Output Example production 150 rolls per hour 600 m (1968 ft)

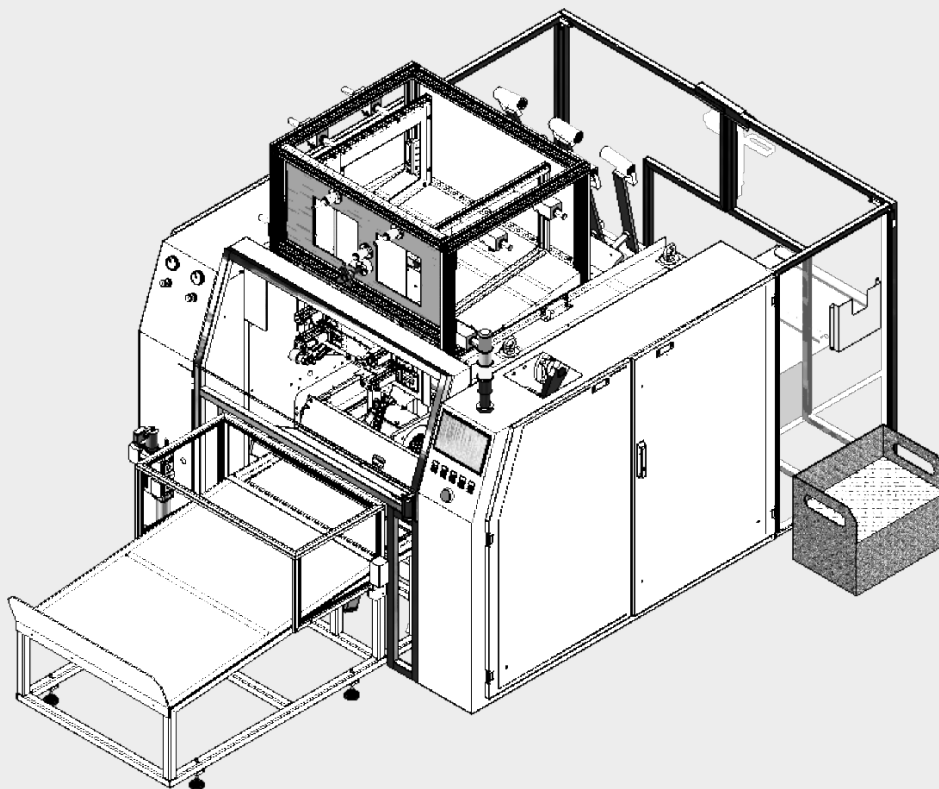
Equipment Systems Jumbo Automatic Alignment
Folding Edge and Oscillator Devices
Holes Counter
Automatic Diameter Control of Finished Roll
Special Patented Coreless Mandrels

Air Supply 8 bar (116 psi) 300 NI/min

Electric Supply 3P 400/440 V. 50 - 60 Hz 52 kW (25 kW Avg)

Weight 8100 Kg

RIBO 501 (701) SL



**LIFETIME
ASSISTANCE**

TECHNICAL FEATURES

Jumbo Roll Input 1x450 to 550 mm (700 mm for 701SL) width

Output Specification Max Diameter 550 mm
Thickness 6 to 30 μ m
Standard Core 76 mm (3")

Production Hand and Machine Rolls
Slitted Rolls
Extended Core Rolls

Example Production 180 rolls per hour 250 m (20 μ m mother roll without defects)
Mandrels 38-50-76 mm (1,5"-2"-3")
Mandrels 1" or different cardboard cores size (Optional)
Max Diameter 280 mm (11")
Winding up to 1500 m /min

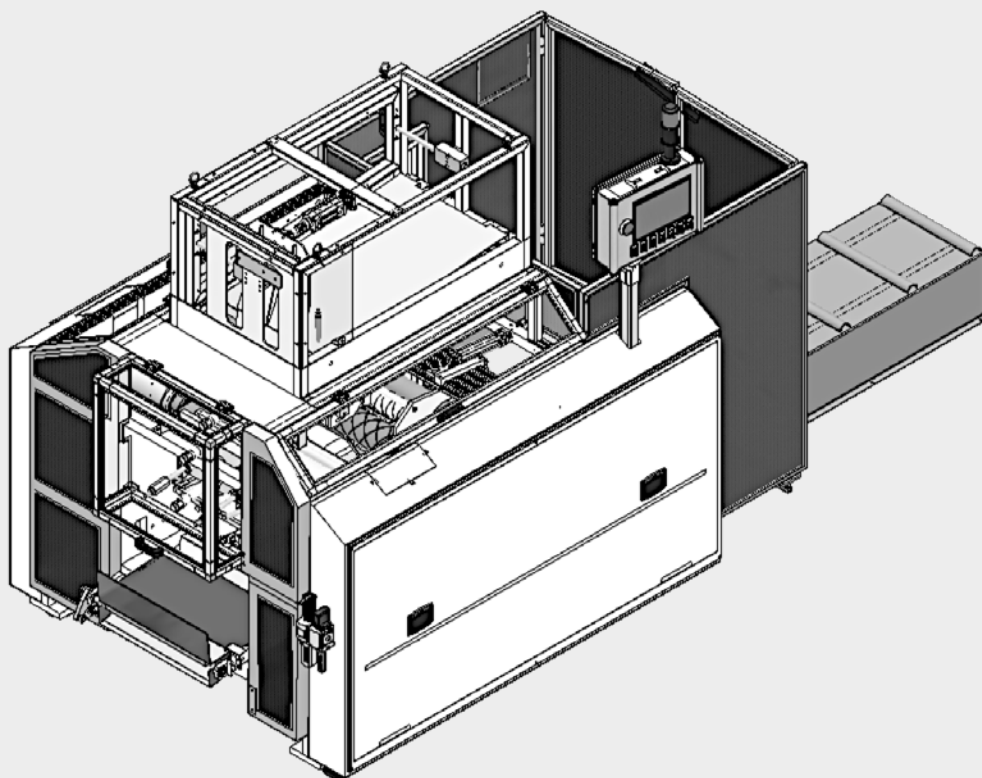
Slitter Production 2 x 250 mm
4 x 125 mm
5 x 100 mm
5 x 100 mm Extended handle (701SL)
5 x 140 mm (701SL)
Max Number of Blades: 9

Winding System Shaftless, Contact windings arms on antiadhesive surface roller with adjustable Pressure

Air Supply 8 bar (116 psi) 100 NI/min

Electric Supply 3P 400/440 V. 50 - 60 Hz 18 kW (9 kW Avg)

Weight 2300 Kg



**LIFETIME
ASSISTANCE**

TECHNICAL FEATURES

Jumbo Roll Input	1x450 to 550 mm (18" to 22") width Max Diameter 550 mm (22") Thickness 8 to 35 μ m (32 to 138 gauge) Standard Core 76 mm (3")
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Production	Hand Rolls
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Example Production	5 rolls per minute in standard rewind film length Mandrels 38-50-76 mm (1,5"-2"-3") Max Diameter 160 mm (6,3") Winding up to 1000 m/mm (3280 ft/min)
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Winding System	Shaftless, Contact windings arms on antiadhesive surface roller with adjustable Pressure
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Air Supply	8 bar (116 psi) 300 NI/min
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Electric Supply	3P 400/440 V. 50 - 60 Hz 13 kW Installed (4 kW Avg Consumption)
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I N F O @ C O L I N E S . I T

