

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

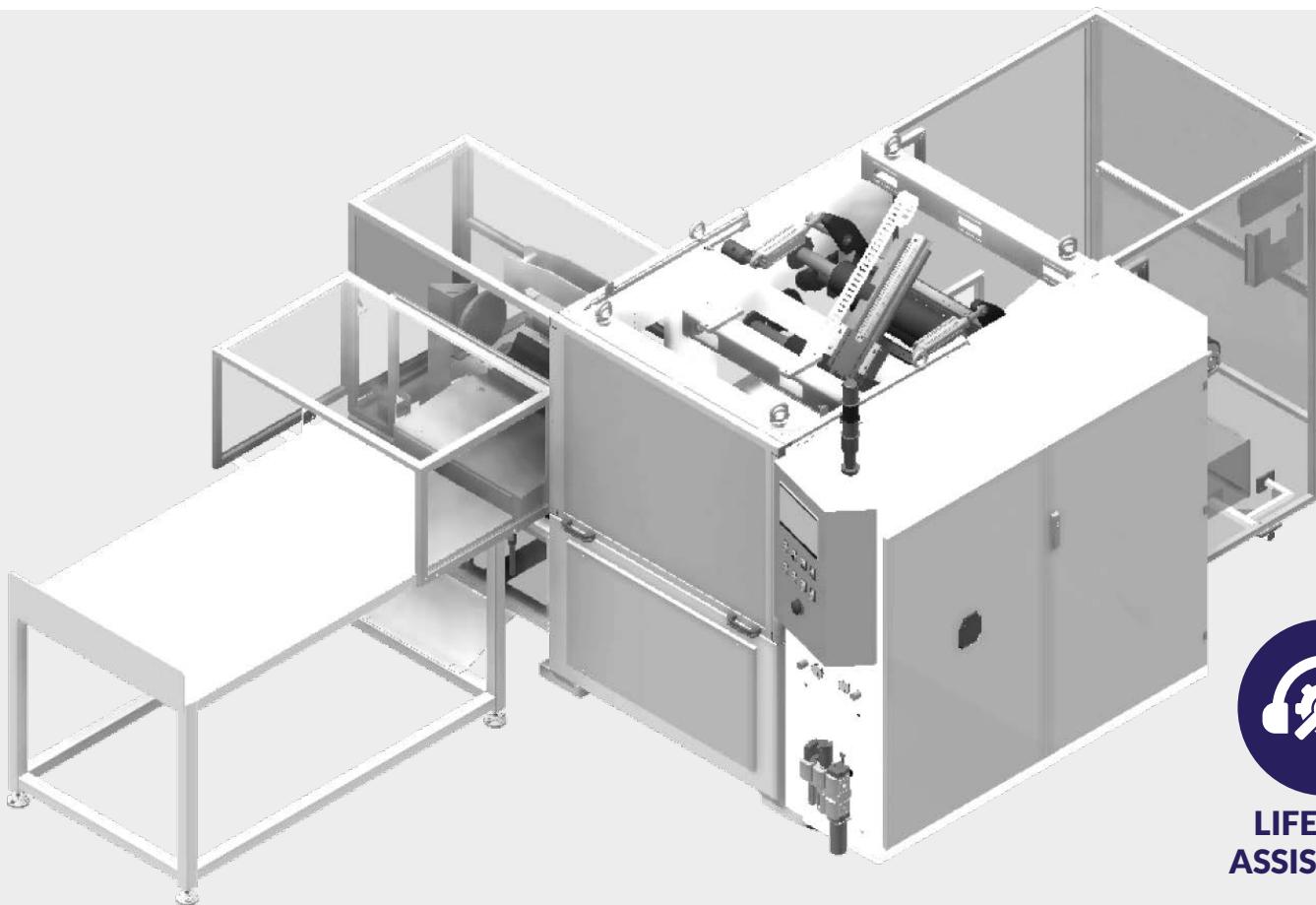


NO.EL.®

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



LIFETIME
ASSISTANCE

TECHNICAL FEATURES

Jumbo Roll Input 1 x 400 to 550 mm (15" to 22") width
Max Diameter 550 mm (22")
Thickness 8 to 35 µm (30 to 138 gauge)
Standard Core 76 mm (3")

Output Optionals Hand / Machine Coreless Rolls
Slitter Miniroll System
Core Loader System

Output Production Winding up to 1100 m/min (3608 ft/min)
160 rolls per hour 200m (656ft)

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

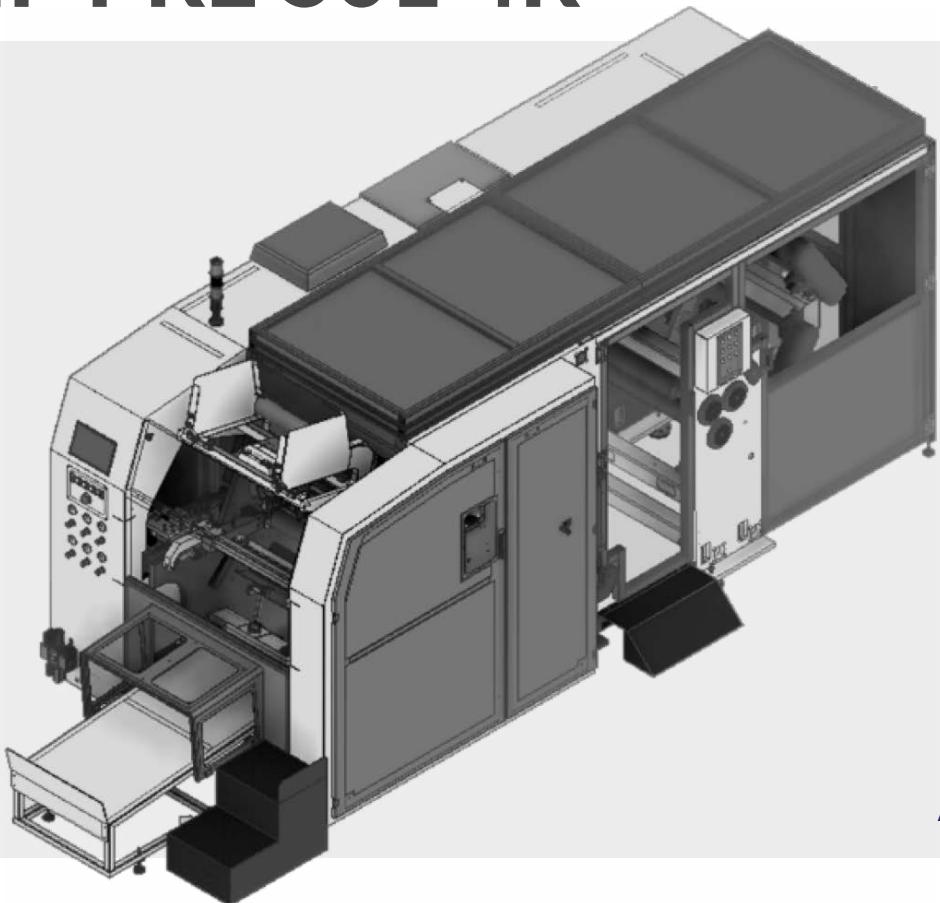
Equipment Special Patented Coreless Mandrels

Air Supply 8 bar (116 psi) 350 NL/min

Electric Supply 3P 400/440 V, 50-60 Hz 14 kW (4 kW avg)

Weight 2000 Kg

MP PRE 501 4R



LIFETIME
ASSISTANCE

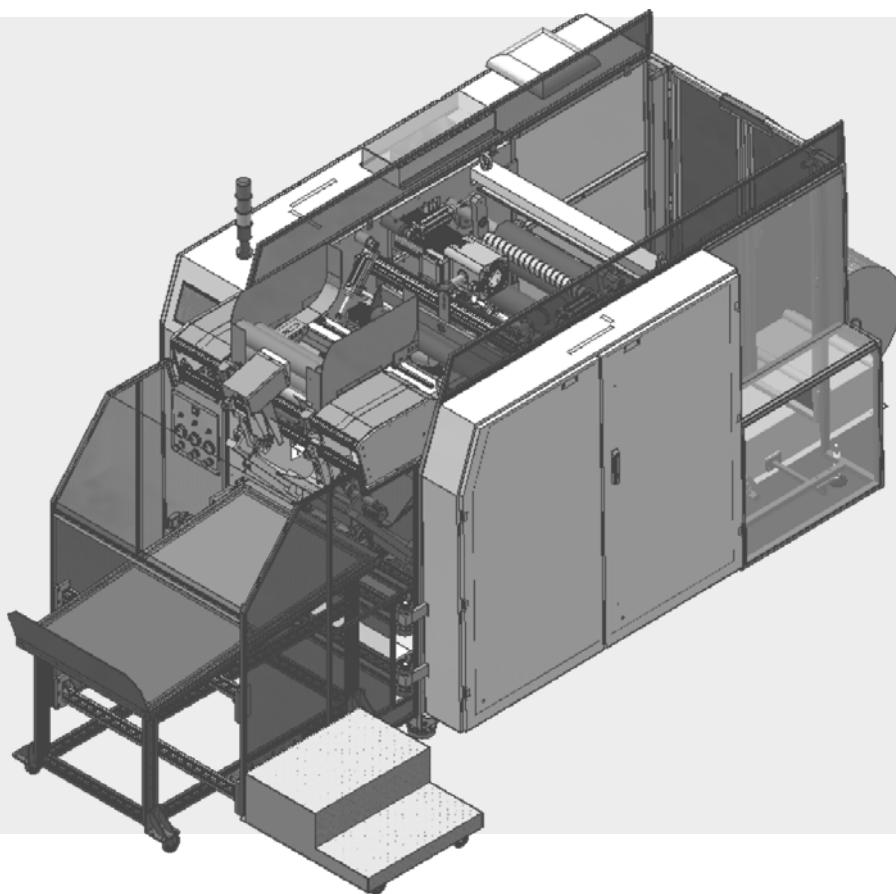
TECHNICAL FEATURES

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 eletric 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 µm (67 to 138 gauge) Standard Core 76 mm (3")
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Output Specification and Production	Down to 5 µm (20 gauge) According Input Film in Prestretch Hand and Machine Prestretch Extended Cores
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Output Example Production	70 rolls per hour 600 m (1968 ft)
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Prestretch System	100% -400% Multiple Motorized Rollers Neck-In Adjustable by Panteted System
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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")
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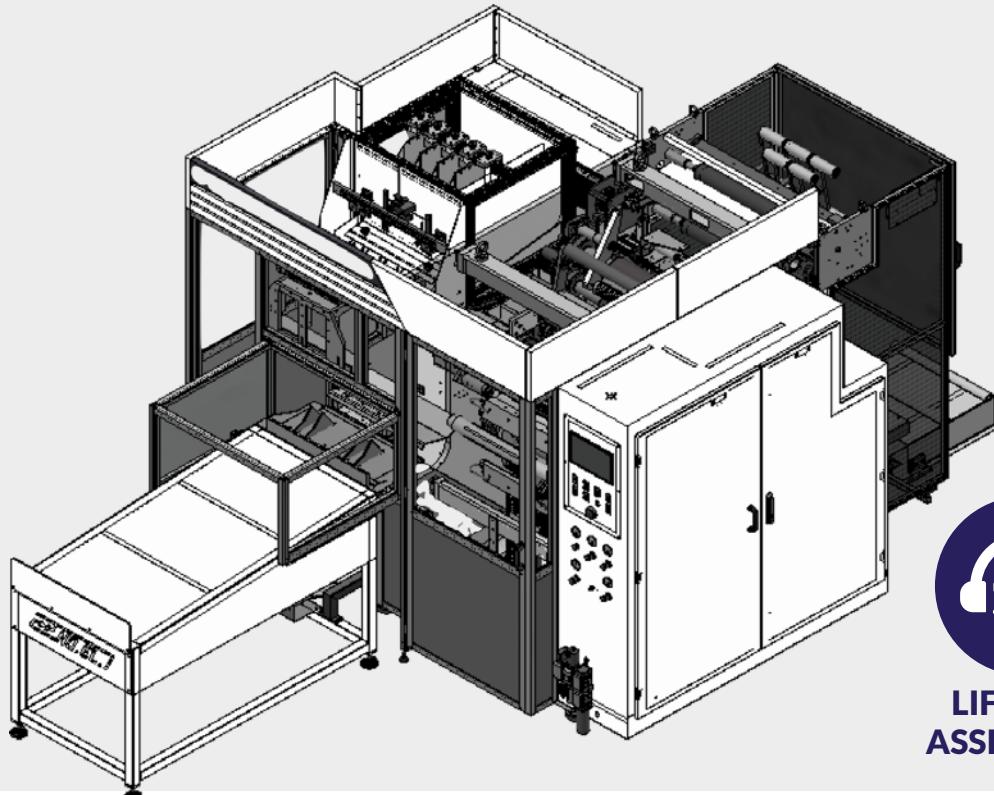
Performance Equipment Systems	Winding up to 1000 m/min (3280 ft/min) Folding Edge and Oscillator Devices Holes Counter Electronic Adjustment Finished Roll Diameter
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Air Supply	8 bar (116 psi) 200 Nl/min
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Electric Supply	3P 400/440 V, 50-60 Hz 18 kW (9 kW avg)
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Weight	2400 Kg
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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 µm (50 to 138 gauge)
Standard Core 76 mm (3")
Down to 35 µm (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

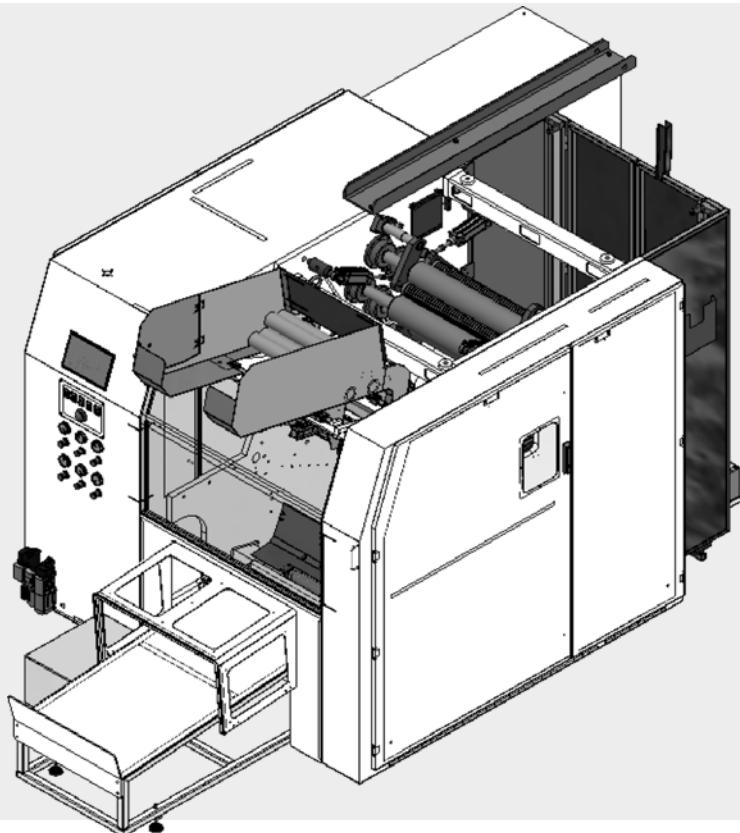
Winding System 2 axes shafts Turret Core and Coreless (Special Patented)
Mandrels 38-50-76 mm (1,5"-2"-3")
Max Diameter 280 mm (11")

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 Nl/min

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

Weight 2700 Kg



LIFETIME
ASSISTANCE

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")
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Output Specification and Production	Down to 5 µm (20 gauge) According Input Film in Prestretch Hand and machine Prestretch Rolls Extend Cores
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Output Example Production	75 rolls per hour 600 m (1968 ft)
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Prestretch System	100% -400% in 2 steps Multiple Motorized Rollers Neck-In Adjustable by Panteted System
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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")
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Performance Equipment Systems	Winding Up to 1100 m/min (3600 ft/min) Folding Edge and Oscillator Devices Holes Counter
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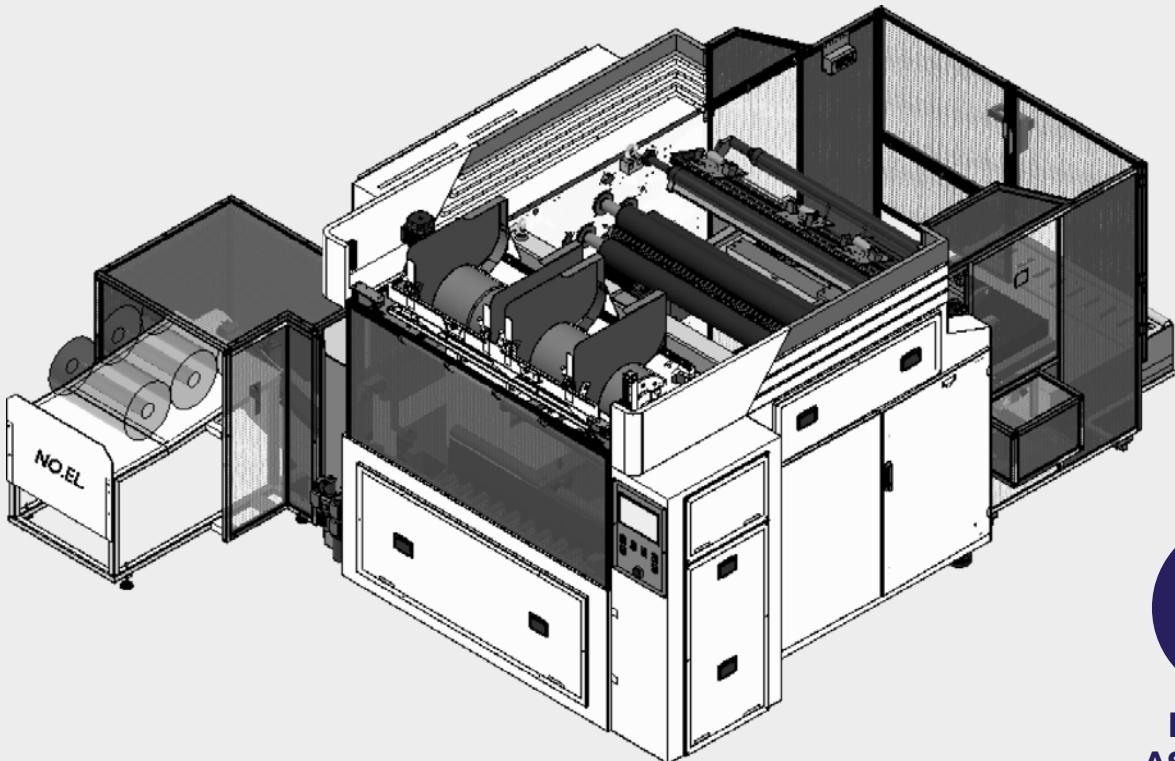
Option	Eletronic Adjustment Finished Roll Diameter
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Air Supply	8 bar (116 psi) 250 NI/min
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Electric Supply	3P 400/440 V. 50-60 Hz 25 kW (12 kW avg)
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Weight	2700 Kg
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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 µm (67 to 138 gauge)
Standard Core 76 mm (3")
Down to 5 µm (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)

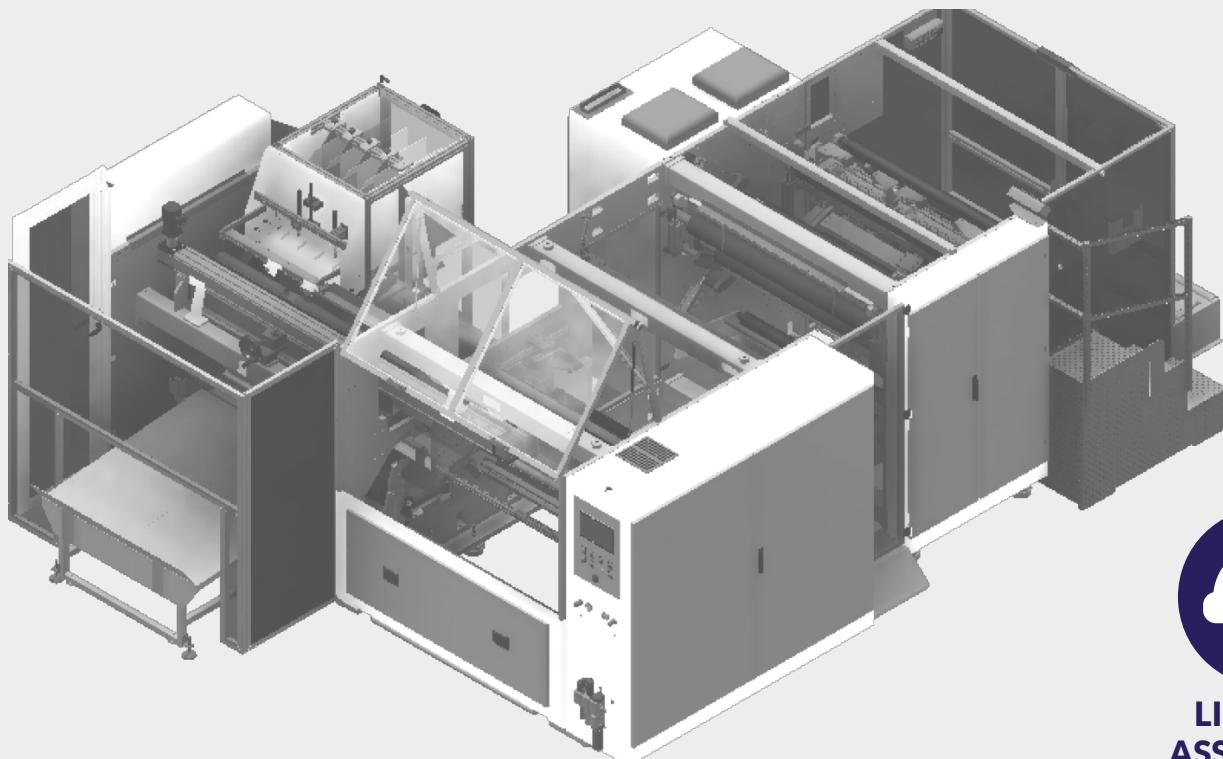
Output Example production 150 rolls per hour 600 m (1968 ft)

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



LIFETIME
ASSISTANCE

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 µm (67 to 138 gauge)
Standard Core 76 mm (3")

Output Specification Down to 5 µm (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)

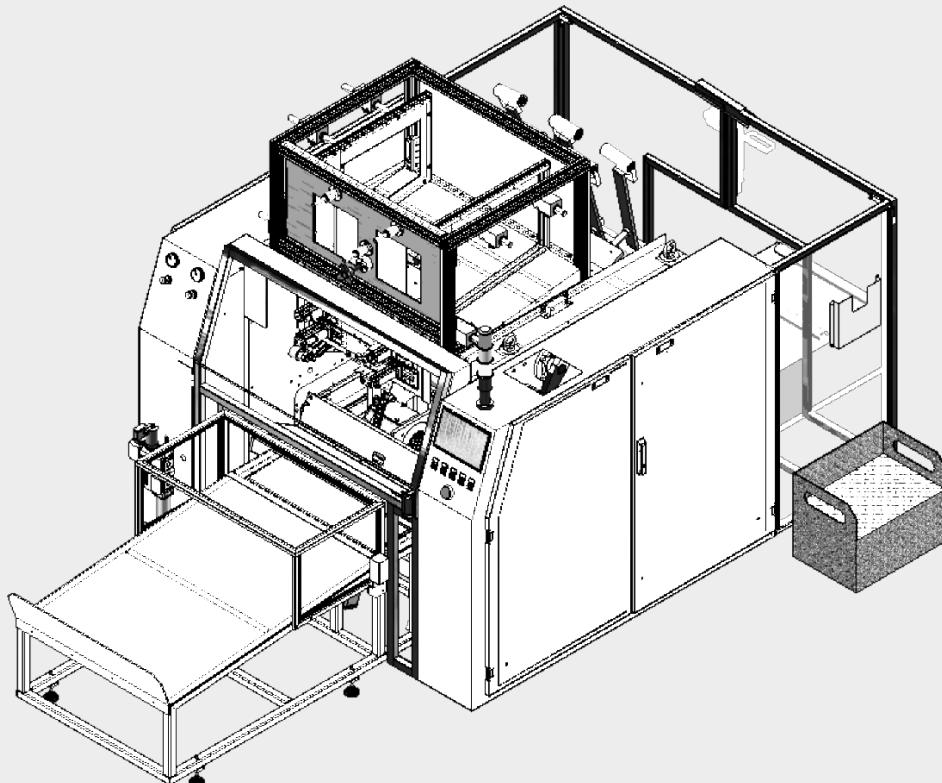
Equipment Systems Jumbo Automatic Alignment
Folding Edge and Oscillator Devices
Holes Counter
Automatic Diameter Control of Finished Roll
Special Patented Coreless Mandrels

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 µm
Standard Core 76 mm (3")

Production Hand and Machine Rolls
Slitted Rolls
Extended Core Rolls

Example Production 180 rolls per hour 250 m (20 µm 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

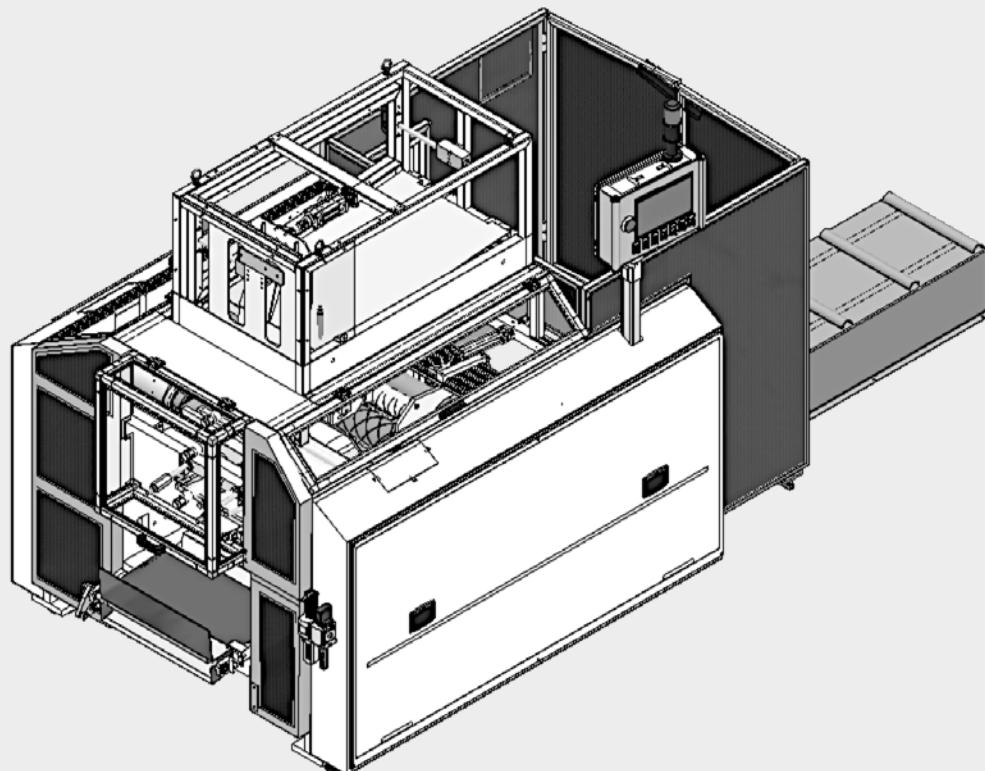
Slitter Production 2 x 250 mm
4 x 125 mm
5 x 100 mm
5 x 100 mm Extended handle (701SL)
5 x 140 mm (701SL)
Max Number of Blades: 9

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 µm (32 to 138 gauge)
Standard Core 76 mm (3")

Production Hand Rolls

Example Production 5 rolls per minute in standard rewound film lenght
Mandrels 38-50-76 mm (1,5"-2"-3")
Max Diameter 160 mm (6,3")
Winding up to 1000 m/mm (3280 ft/min)

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

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

Electric Supply 3P 400/440 V. 50 - 60 Hz 13 kW Installed (4 kW Avg Comsption)



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