

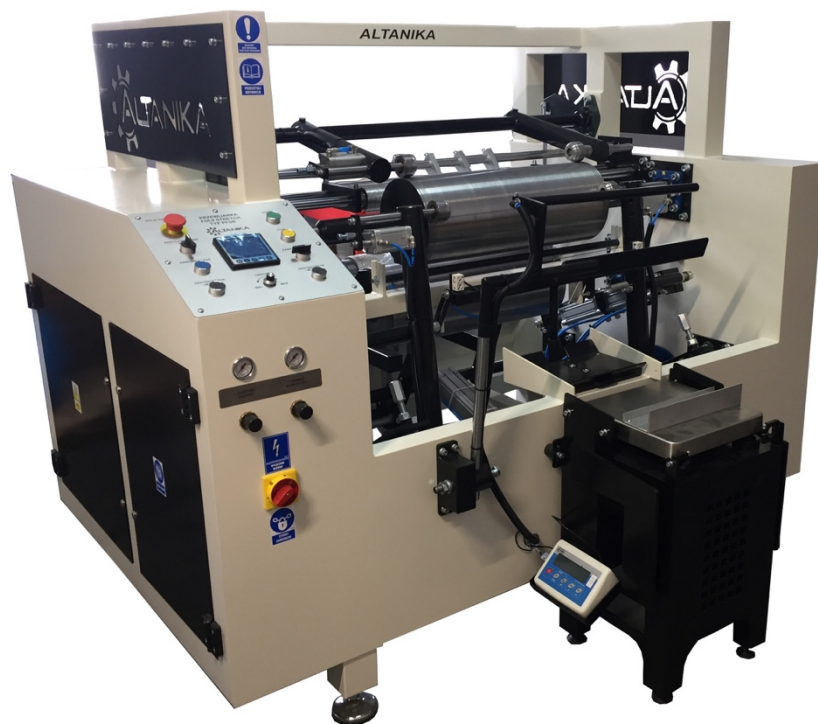
STRETCH FOIL REWINDER WITH MINI WRAP AND WEIGHT SYSTEM [PFSR]

Producer	ZPHU ALTANIKA Mariusz Krzyśków Wrocław, POLAND
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Warranty	1 year
Documentation	Manual in English CE marking Declaration of conformity EC
Power supply	3x 400 V
Power consumption	2,3 kW
Air pressure	Max 8 bar
Linear speed	800 m/min
Width	1210 mm
Length	1815 mm
Height	1420 mm
Weight	Up to 500 kg
Controlling	PLC controller with operator panel
Clamp core to the drivers	Pneumatic
Jumbo pressure to the central shaft	Pneumatic
The pressure of the rewinders to the central shaft	Pneumatic
Diameter of a jumbo core	76 mm
The diameter of the winder's cores	76 mm; 50 mm; 38 mm
Cutting	Razor blades
Jumbo positioning left / right	Actuator
Central shaft	Steel
The jumbo shaft	Steel
Weighing module	
The reel end mills are imposed on intermediate steel tubes	
GSM MODULE enabling remote diagnostics and service.	

Operation of the machine shows the video located at:

<https://vimeo.com/161790907>







WEIGHT CONTROL SYSTEM



TABLE WEIGHT RADWAG WPT/15/F1/K

Max load:	15 kg
Min load:	100 gr
Accuracy:	5 gr
Tare range:	-15 kg
Display:	LCD with backlight
Gross weight:	6 kg

The operator or office provides the scrolling parameters (i.e. the gross weight of the roll and approximate meters corresponding to the expected weight) to the PLC. After the first roll is wound, the material is weighed. The PLC driver analyzes the data. The controller controls the weight by calculating the number of meters of the current roller in relation to the preceding roller. Up to 5 gr, the controller does not respond. If the foil has very large differences in thickness on one jumbo, for example when winding 3.5 kg, the error

may be greater. With small windings, i.e. 1.5kg, the error oscillates within 8 gr, i.e. 1mb of 23 micro foil.

For example: you entered the number of meters: 100 mb; you provided the weight of the roller: 1.2 kg gross. The machine scrolled 100 mb, but the actual weight was 1.3 kg. The controller has converted the weight into meters ($1,3\text{kg} / 100 \text{ m} = 13\text{gr/m}$) and introduced a correction of meters ($1,2 \text{ kg} / 13 \text{ gr} = 92 \text{ mb}$).

The system eliminates weight adjustment by the operator during scrolling.

