

ESM - 1600 & ESM - 1800 SLITTING MACHINES (CE-approved)

Production Specifications

Machine Line Type	ESM - 1600 HS		ESM - 1800 HS	
	Effective slitting width	1600 mm	63"	1800 mm
Slit width	50 – 1600 mm	2 – 63"	50 – 1800 mm	2 – 71"
Unwinding diameter	2000 mm	79"	2000 mm	79"
Rewinding diameter	1500 mm	59"	1500 mm	59"
Rewinding shaft	2 pcs x ø 76 mm	2 pcs x 3"	2 pcs x ø 76 mm	2 pcs x 3"
Shaft speed	0 – 400 1/min		0 – 400 1/min	
Weight of roll paper	70 – 900 g/m2	0.15 – 2.0 lbs/10.8 ft2	70 – 900 g/m2	0.15 – 2.0 lbs/10.8 ft2

Technical specifications

Electrical connection	380 V / 220 V		380 V / 220 V	
	Electrical power motor	45 kW	61 hp	55 kW
Pneumatic air	6 Bar		6 Bar	
Brake torque	860 Nm		1200 Nm	
Max hydraulic pressure	200 bar		200 bar	

Dimensions

Length	6.6 m		7.6 m	
		22 ft	25 ft	
Width	6.9 m		7.9 m	
		23 ft	26 ft	
Height	4.1 m		4.1 m	
		13.5 ft	13.5 ft	
Weight	10,000 kg		12,000 kg	
		22,000 lbs	26,400 lbs	

Standard Options

Shaft free unwinding	•	•
Full covered	•	•
Unwind unit. Shaft free unwind with hydraulic chucks and hydraulic lifting	•	•
Hydraulic edge position control	•	•
Cr-plated steel passing roller	•	•
Single-shaft central Press-arm rewinding	•	•
Circular blades slitting unit	•	•
Tension control by loading cell brake control	•	•
Manual brake control which enables easy manual operation of the ESM	•	•
Rewind shaft fastening and support	•	•
Chain hook type, hydraulic controlled pressing arms lifting to discharge the rewind rolls	•	•
Electrical control unit with 270° movement	•	•

ELTETE TPM LTD WORLDWIDE

Eltete TPM Engineering (as part of the Eltete TPM Group) is developing specific transport packaging materials, machinery and manufacturing technology for the transport packaging products that the Group itself manufactures. All machines, products and processes have been very well tested on the market, through the strong position of Eltete TPM Group as a global manufacturer and market leader in the transport packaging sector. Eltete TPM Engineering can offer its partners and customers a range of production concepts, machinery, manufacturing technologies and complete turnkey factory/manufacturing setups, specifically designed for Eltete TPM transport packaging materials and products.

Eltete TPM Group is a global group of companies, headquartered in Finland. Its main products are transport packaging materials (TPM) made of carton board, such as edgeboards, U-profiles, pallet runners and paper pallets. We are a global market leader in our main product sector, edgeboards. We convert more than 100,000 tonnes of paperboard every year, which goes into manufacturing our products. Today, we have a global operating structure, with local production in 14 countries, and sales to more than 50 countries. Please go to www.eltete-tpm.com for more information.

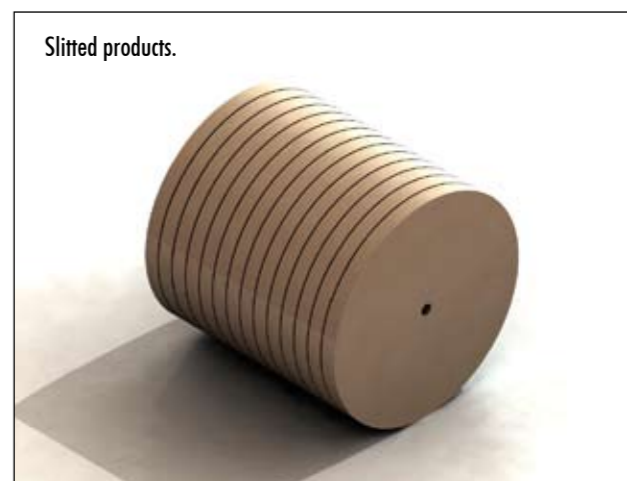
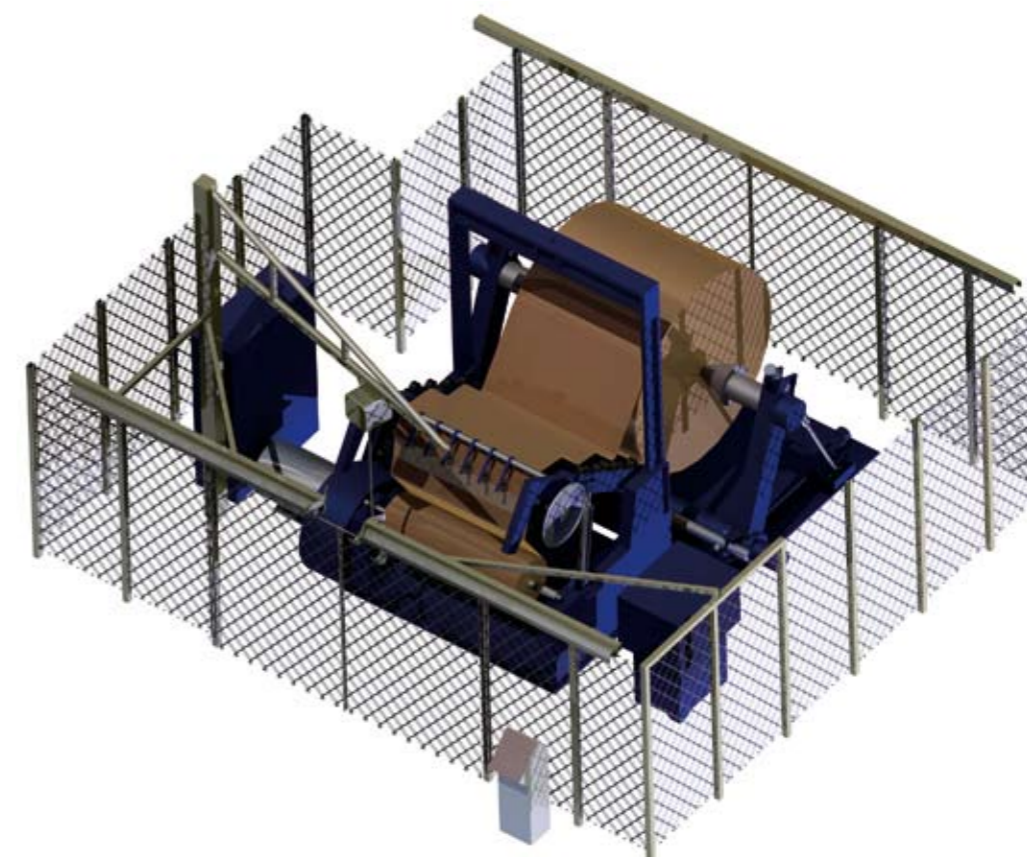


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ESM - 1600 & ESM - 1800

Slitting Machines

Eltete TPM values:

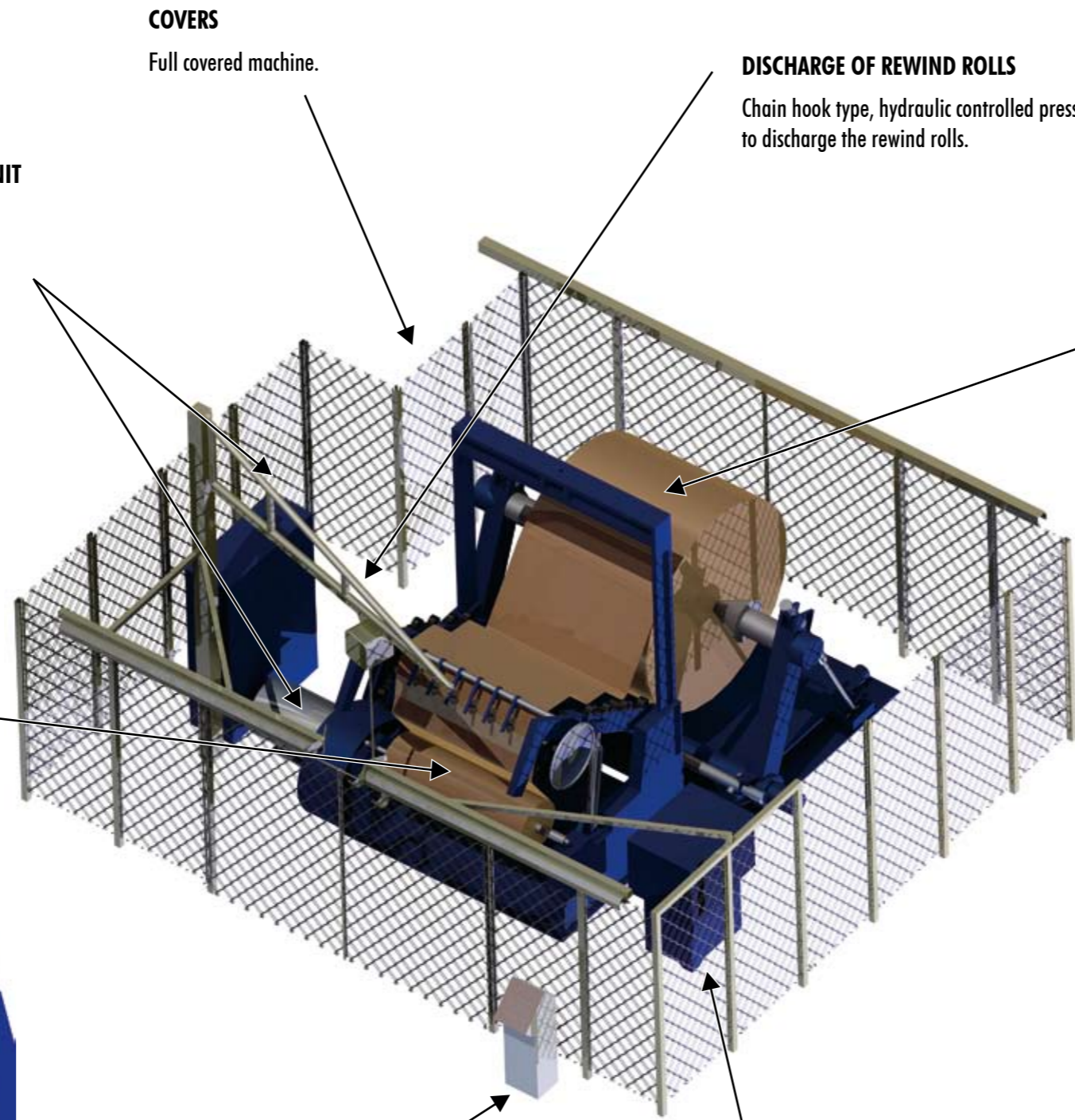
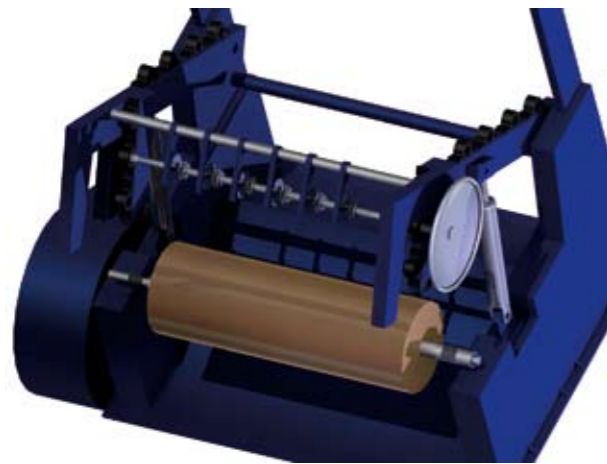


TRANSMISSION UNIT AND ELECTRICAL CONTROL UNIT

Three phase induction motor 45 kW (61 hp). Frequency inverter 45 kW (61 hp), 50 Hz. Cantilever type control box, 270° movement.

SLITTING AND REWINDING UNIT

Hydraulic edge position control. Cr-plated steel passing roller. Press-arm type single-shaft central rewinding. Circular blades slitting unit. Tension control by loading cell brake control. Manual brake control which enables easy manual operation of the ESM. Rewind shaft fastening and support.



COVERS

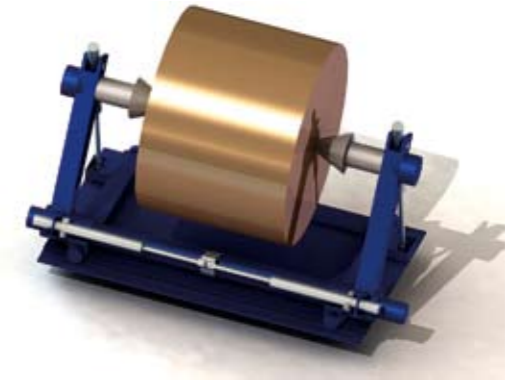
Full covered machine.

DISCHARGE OF REWIND ROLLS

Chain hook type, hydraulic controlled pressing arms lifting to discharge the rewind rolls.

UNWIND UNIT

Type: shaft free unwind with hydraulic chucks and hydraulic lifting. Pneumatic brake of at least 860 Nm. Suspension type automatic tension control.



CONTROL UNIT

Low-voltage electrical control. Control of hydraulic unit. Electrical control. Plug-in electrical connection.

HYDRAULIC UNIT

Hydraulic station. Hydraulic cylinders of a good quality.

