

EBM - 1500 & EBM - 2000 EDGEBOARD MACHINE LINES (CE-approved)

Production Specifications

Machine Line Type	EBM - 1500 G/HS		EBM - 2000 G/HS/JP	
	Production speed	20 – 90 m/min	66 – 295 ft/min	20 – 100 m/min
Product thickness	1 – 10 mm	0.04 – 0.5 "	1 – 10 mm	0.04 – 0.5 "
Max. Production size	115 x 115 mm	4.5 x 4.5 "	115 x 115 mm	4.5 x 4.5 "
Min. Production size	20 x 20 mm	0.8 x 0.8 "	20 x 20 mm	0.8 x 0.8 "
Number of plies	16 (32)		16 (32)	
Width of plies	40 – 250 mm	1.6 – 10 "	40 – 250 mm	1.6 – 10 "
Overlapping ply	1		1	
Max width of overlapping ply	330 mm	13 "	330 mm	13 "
Profilators	2 – 4		2 – 4	
PCL-system	•		•	

Technical specifications

Electrical connection	380 V/ 220 V		380 V/ 220 V	
	Electrical power	2 x 3 kW AC-Drives	2 – 4 x 4.1 hp AC-Drives	2 x 3 kW AC-Drives
Pneumatic air	6 Bar		6 Bar	
Air consumption	700 l/min	185 gal/min	700 l/min	185 gal/min
LPG consumption	10 kg/h	22 lbs/h	10 kg/h	22 lbs/h

Dimensions

Length	25 – 40 m		82 – 131 ft	
	Width	5 – 6 m	18 – 23 ft	5 – 6 m
Height	3.1 m		11 ft	
Weight	3000 – 3500 kg	6600 – 7700 lbs	3500 – 4000 kg	6600 – 7700 lbs

Options

Laminating by gluing	•	•
Laminating by heat-sealing	•	•
On-line flexo-printing unite, 1 color	•	•
WA production on-line	•	•
WA production off-line	•	•
Special profiles	•	•
Flat boards	-	•
Edgeboards with plies 250 – 400 mm (10 – 16")	-	•
Automatic packaging system	•	•

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.

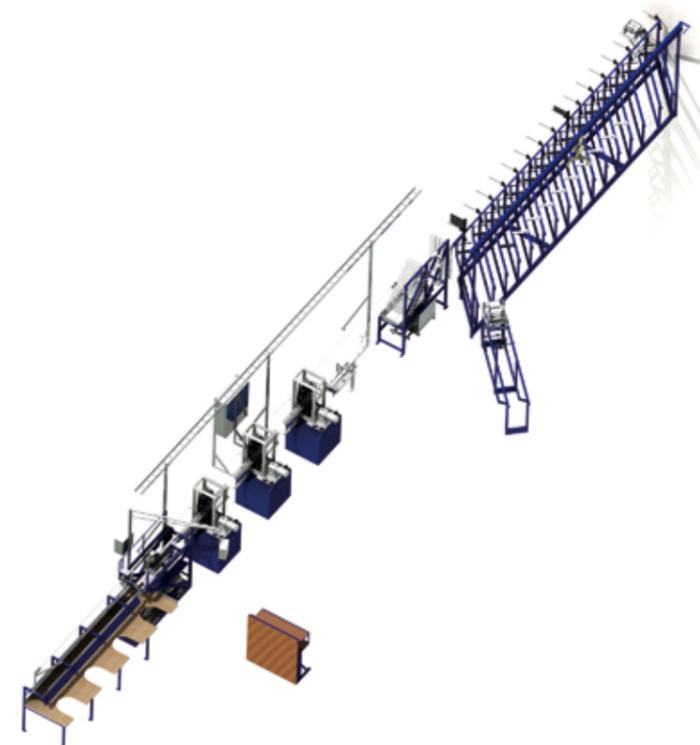


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EBM - 1500 & EBM - 2000

Edgeboard Machine Lines

For manufacturing edgeboards / cornerboards with the highest efficiency, quality and reliability.

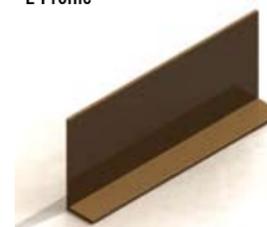


Standard product V-profile: Edgeboard



Option profiles:

L-Profile



B-Profile painted



WA-Edgeboard



C-Profile



Other options



V-Profile printed



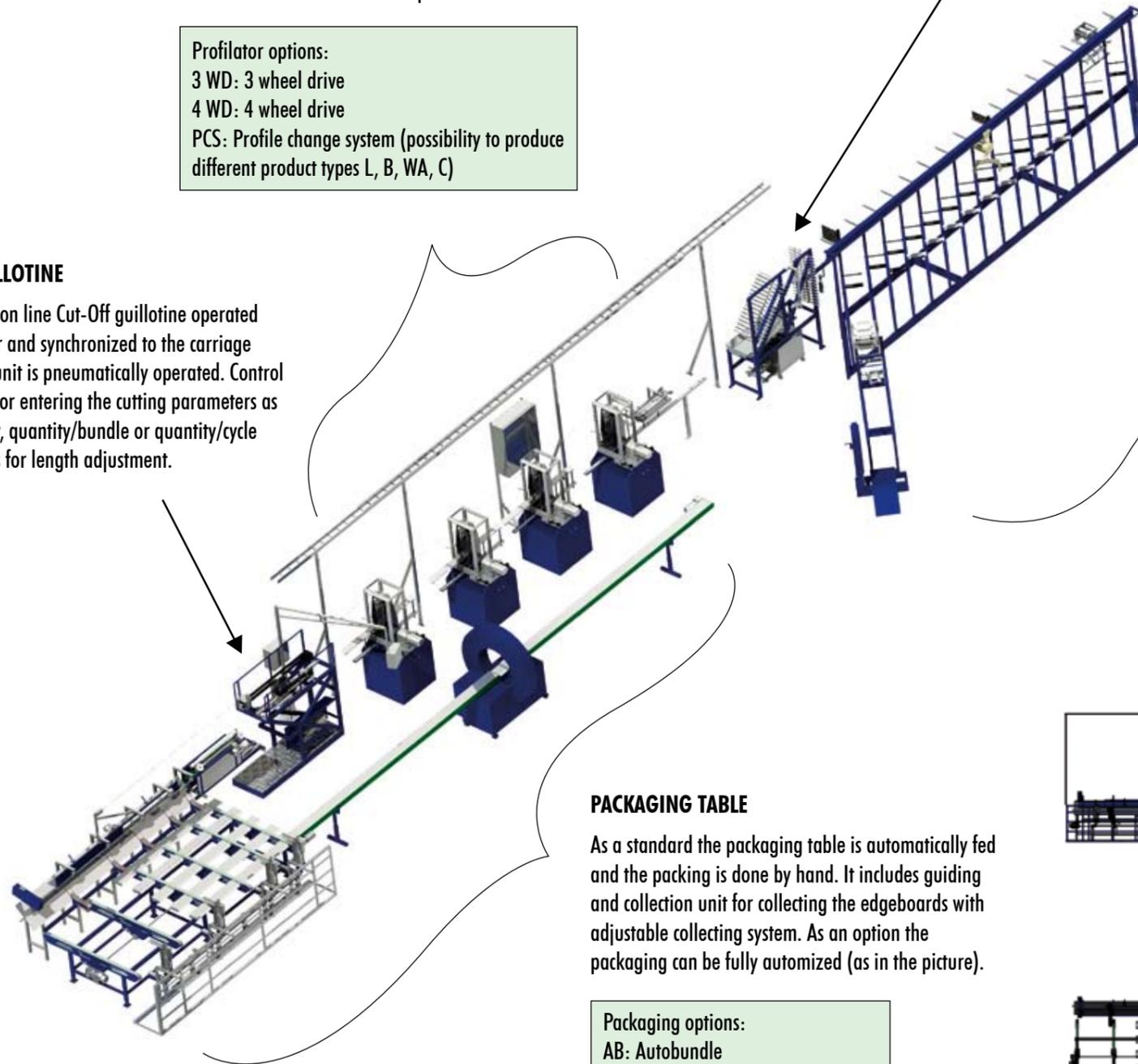
PNEUMATIC PROFILATORS

Guide rack for all plies. Overlapping plates for cover ply with lateral guides. 2 – 4 pneumatic profilators with speed and pressure adjustments for 20 x 20 mm – 115 x 115 mm (0.8 x 0.8 " – 4.5 x 4.5 ") edgeboards. Guide rack for the edgeboards. Electronically controlled speed and torque 2-4 x 3 kW Ac drives (2-4 x 4.1 hp Ac drives). Production speed 0 – 100 m/min (0 – 328 ft/min) depends on the size and thickness of the product.

Profilator options:
3 WD: 3 wheel drive
4 WD: 4 wheel drive
PCS: Profile change system (possibility to produce different product types L, B, WA, C)

CUT-OFF GUILLOTINE

Programmable on line Cut-Off guillotine operated with servomotor and synchronized to the carriage speed. Cut-Off unit is pneumatically operated. Control touch pad unit for entering the cutting parameters as length, quantity, quantity/bundle or quantity/cycle and parameters for length adjustment.



PACKAGING TABLE

As a standard the packaging table is automatically fed and the packing is done by hand. It includes guiding and collection unit for collecting the edgeboards with adjustable collecting system. As an option the packaging can be fully automatized (as in the picture).

Packaging options:
AB: Autobundle
AC: Autocut
AP: Autopack
APALL: Autopalletisation

GLUEING SECTION

Single side glue nozzle for each ply. Double side gluing device for each ply. WEB tensioner per ply. Special hardened glue scraper per ply. Glue controlling valve for each ply. Stainless steel 100 l (26.4 gal) glue tank with pneumatic membrane pump. LPG preheating and drying unit for the plies.

REEL STAND

Reel stand for rolls (1+15), one colour on line printing unit. Max width of the overlapping ply is 330 mm (13 "). Max width of the bobbins is 260 mm (10 "). Electrical lifting device for lifting the bobbins. Simple Resy-marking device for printing resy mark and similar simple printings.

Glueing options:
G: Lamination by gluing
HS: Lamination by heat sealing

Product options:
SA: Self adhesive
2 FP: 2 colour flexo printing
WA: Wrap around on line / off line

This layout is a right hand EBM-1500-4WD-SS-AP Line.

