

UBM - 2000 G U-PROFILE MACHINE LINES (CE-approved)

Production Specifications

Machine Line Type	UBM – 2000 G	
Production speed	0 – 50 m/min	0 – 164 ft/min
Product thickness	1.5 – 10 mm	0.06 - 0.4 "
Max. Production size U-profile	Bottom 200 x sides 120 mm	Bottom 7.8 x sides 4.7 "
Min. Production size U-profile	Bottom 20 x sides 15 mm	Bottom 0.8 x sides 0.6 "
Max. Production size Flat	400 mm	16 "
Number of plies	16 + 1 (32)	
Width of plies	50 – 400 mm	2 – 16 "
Overlapping ply	1	
Max width of overlapping ply	480 mm	19 "
Profilators	2 – 4	
PCL-system	•	

Technical specifications

Electrical connection	380 V/ 220 V	
Electrical power	2 x 3 kW, 4 x 1.5 kW AC-Drives	2 x 4.1 hp, 4 x 2 hp AC-Drives
Pneumatic air	6 – 8 Bar	
Air consumption	700 l/min	185 gal/min

Dimensions

Length	30 – 40 m	98 – 131 ft
Width	6 m	20 ft
Height	3.1 m	10 ft
Weight	~6000 kg	~13200 lbs

Options

Laminating by gluing	•
On-line flexo-printing unite, 1 color	•
WA production on-line	Option
WA production off-line	Option
Special profiles	Option
Flat boards	•
Automatic packaging system	Option

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.

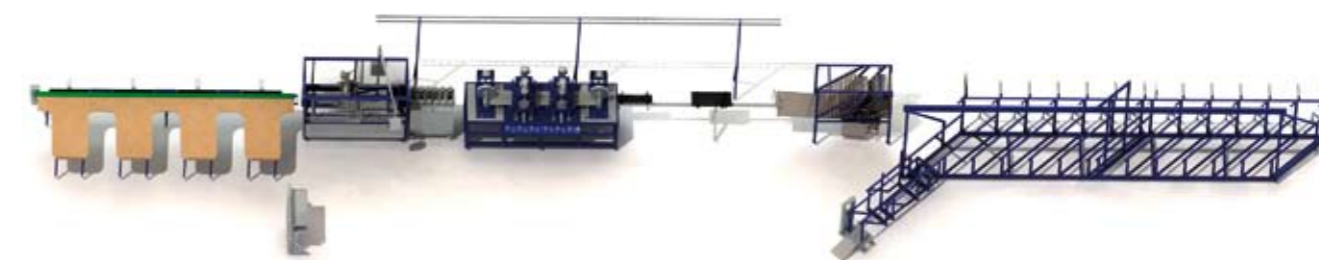


ELTETE TPM LTD
 P.O. Box 94
 07901 Loviisa, Finland
 Tel. +358 (0)19 510 31
 Fax +358 (0)19 510 3200
info@eltete.com
www.eltete-tpm.com

UBM - 2000 G

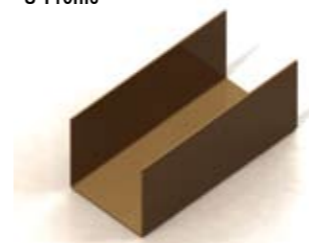
U-Profile Machine Lines

For manufacturing U-profiles of carton board in a flexible way.



EUBM - 2000 Products:

U-Profile



U-Profile (WA)



U-Profile (C)



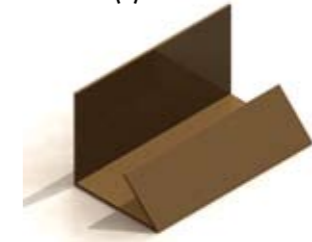
I-Profile



Other options



U-Profile (A)



U-profiles are used for individual transport packaging of Furniture, Profile, Steel plates, Pipes, Shafts, Windows, Shower walls etc. For more information, visit www.eltete-tpm.com

CUT-OFF SAW

UBS-2200 OL/OF automatic band saw is used for cutting U-profiles and similar long objects into specific lengths for online production. The saw is operated with servomotor and synchronized to the carriage speed. Control touch pad unit for entering the cutting parameters as length, height and quantity. Universal cutting system for all U-profile sizes.

PNEUMATIC PROFILATORS

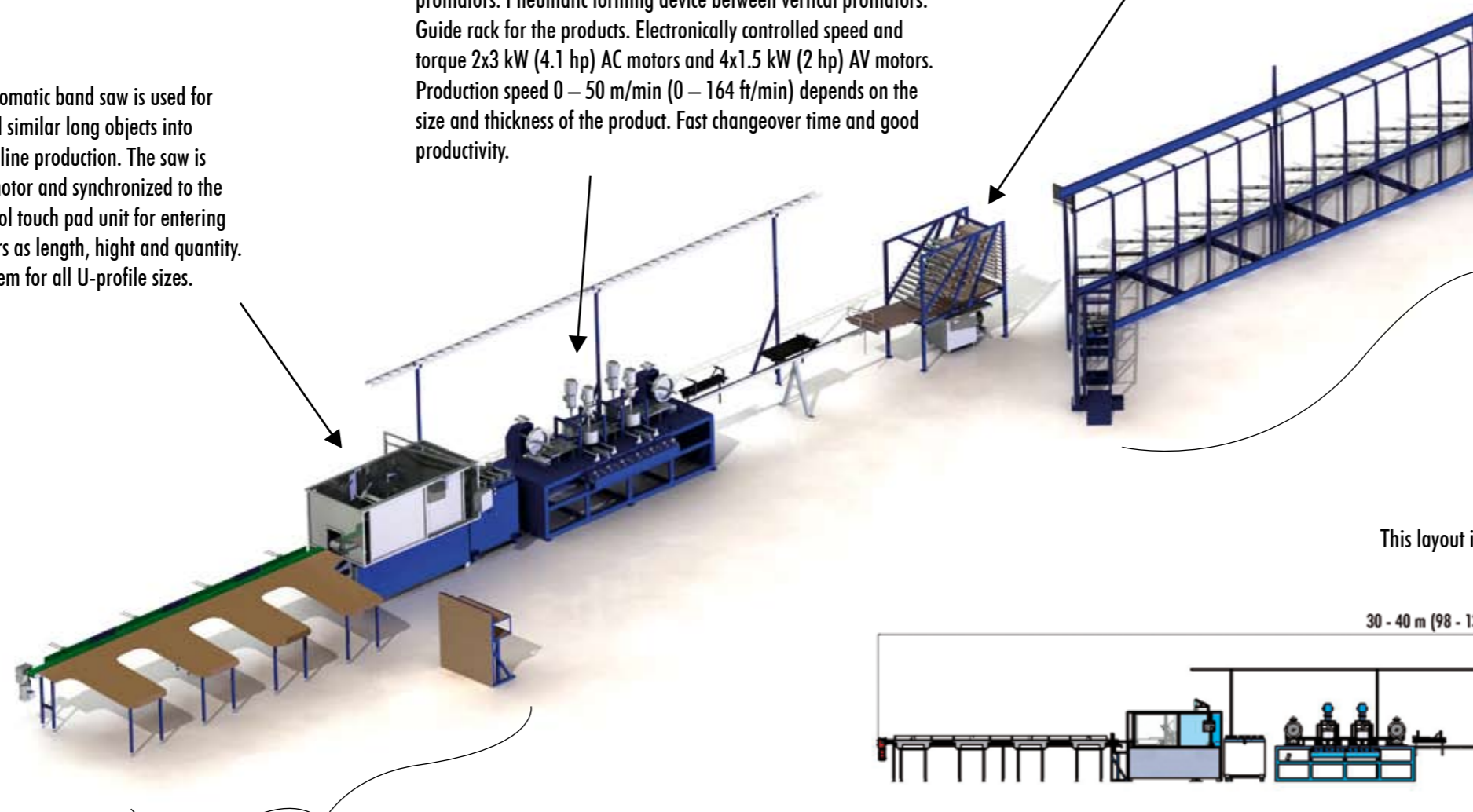
Guide rack for all plies. Overlapping plates for cover ply with lateral guides. 2 horizontal pneumatic profilators. 2 vertical pneumatic profilators. Pneumatic forming device between vertical profilators. Guide rack for the products. Electronically controlled speed and torque 2x3 kW (4.1 hp) AC motors and 4x1.5 kW (2 hp) AV motors. Production speed 0 – 50 m/min (0 – 164 ft/min) depends on the size and thickness of the product. Fast changeover time and good productivity.

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 gal) glue tank with pneumatic membrane pump. LPG preheating and drying unit for the plies.

REEL STAND

Reel stand for rolls (1 + 16), one colour on line printing unit. Max width of the overlapping ply is 480 mm (19"). Max width of the bobbins is 400 mm (16"). Electrical lifting device for lifting the bobbins. Simple Resy-marking device for printing resy-mark and similar simple printings.



This layout is a right hand EUBM-2000-G line.

PACKAGING TABLE

As a standard the packaging table is automatically fed and the packing is done by hand (as in the picture). As an option the packaging can be fully automatized with conveyors.

