

# ***EDGE BANDING MACHINE***



## **We support to provide**

- High quality production
- High efficiency product
- Reliable product
- Expert after-sales service



## APPLICATION

The LINEAR series is designed for edging straight panel with hot melt glue thru a feed system which consists of top pressure rollers and bottom feed chain.

The STANDARD series is designed for edging either straight or profiled(Softforming) panel with hot melt glue by through feed system which consists of top pressure rollers and bottom feed chain.

The edging material can be of PVC, melamine or veneer in strip or coil.

Solid lippings with a maximum, thickness of 10 mm is for LINEAR series and 25 mm is for STANDARD series. Both are on request.

These universal and versatile machines are ideal production equipment for those of small and large plants which require every kind of application

## FEATURES

Heavy and rigid constructure to ensure necessary accuracy and stability.

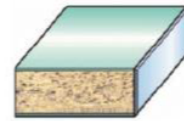
To guarantee straight-fine feed of the panel, a double row of rubber toothed rollers is off-centered onto top pressure beam and the bottom feed track with rubber calibrated pads is running on cylindrical guide.

The top pressure beam is supported with two reinforced columns and equipped with visible linkages for thickness adjustment.

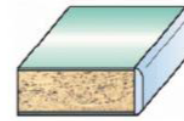
The feed of edging material , in strip/coil , is automatic and synchronously with panel feed.

The electric and pneumatic system is incorporated in the built-in control cabinets.

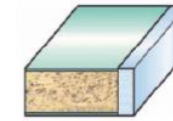
### FOR LINEAR & STANDARD SERIES



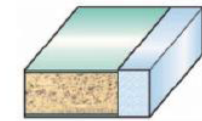
Thin Edging  
0.4~1.0 mm thickness



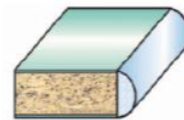
Thick Edging  
1.0~3.0 mm thickness



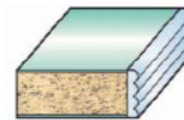
Solid Lipping  
UP to 10.0 mm thickness



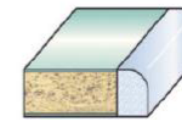
Solid Lipping  
UP to 25.0 mm thickness



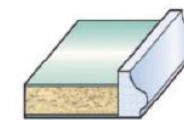
Moulding to Profile



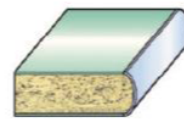
Moulding to Profile



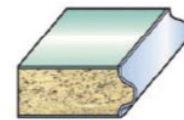
Moulding to Profile



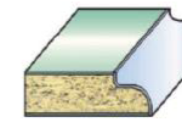
Moulding to Profile



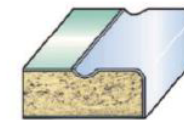
Softforming  
0.4~0.6 mm thickness



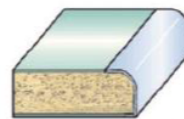
Softforming  
0.4~0.6 mm thickness



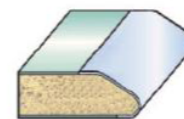
Softforming  
0.4~0.6 mm thickness



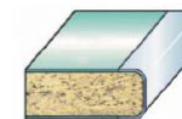
Softforming  
0.4~0.6 mm thickness



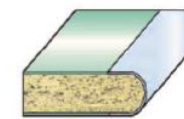
Soft + Postforming  
0.4~0.6 mm thickness



Soft + Postforming  
0.4~0.6 mm thickness



Soft + Postforming  
0.4~0.6 mm thickness



Soft + Postforming  
0.4~0.6 mm thickness

# YL-LP SERIES



**YL-LP-750P**



**YL-LP-350A**



**YL-LP-500P**



**YL-LP700PG-L**

# WORKING UNIT



## PM7 / PM8: Pre-milling unit

Fine finishing for panel edge.  
Motor: 2.5 HP  
Speed: 12000R.P.M.  
Cutter: 80 x 20 mm / 120 x 30 mm  
Spindle tiltable: no  
Space required: 570 mm



## EC8 End cutting unit

Application for cutting front & rear edge by two independent motors 0.65 HP run at 12000 R.P.M. with saw blade 105\*30 mm. The spindle is orientable from 0° ~15° Space required : 800 mm



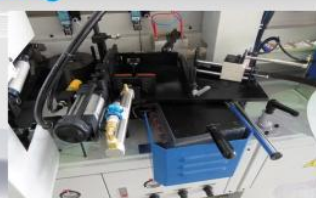
## RT8:Radius trimming unit

Apply for perfect finishing of the bottom of front and rear corner of the profile edge.  
Motor: 0.5 HP x 2 PCS  
Speed: 12000 R.P.M.  
Cutter: 60 x 16 mm  
Space required: 830 mm



## GV7 Grooving unit

Cutting groove on the work piece.  
Motor power 3 HP run at 3000 R.P.M.  
Saw blade : 255 x 25.4 x 3.0 x 80T  
Spindle dia. : Ø25.4 x 82 mm(L)



## GL7:Gluing unit

With the use of hot melt glue applied on staight panel for edge banding.  
This unit consist of 4kgs glue pot with 4.5 KW power  
Space required: 450 mm



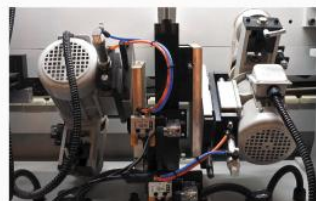
## ET7:Edge trimming unit

Apply for rough trimming of top and bottom edges.  
Cutters:80 x 20 mm / 100 x 20 mm  
Speed: 12000 R.P.M.  
Motor: 0.75 HP x 2 / 1.8 HP x 2 / 2.5 HP x 2  
Space required: 320 mm



## SC7:Scrapping unit

Apply for scrapping top and bottom corners of PVC/ABS spindle fixed at 45  
Radius required:R3- R5  
Space required: 300 mm



## EF7 Edge finishing unit

Fine finishing for top and bottom edge  
Motor power: 0.5 HP x 2  
Speed: 3000 R.P.M.



## GL8 Gluing unit

With the use of hot melt glue applied on top of straight panel for edge banding.  
Ensure uninterrupted supply of hot melt glue.



## ET8:Tilting edge trimming unit

This top and bottom trimming unit is complete with two independent motors of 0.75 HP / 1.8 HP which run at 12000 R.P.M. (240HZ) with cutter 65 x 20 mm, 0°~35°  
Space required: 390 mm



## BS7: Brushing unit

Finest polish on top and bottom edges.  
Motor: 0.25 HP  
Speed: 1720 R.P.M.  
Brushing wheel: 180 x 25 mm  
Space required: 450 mm



## Top belt system plus automatic up and down adjustment. (on request)



## SP7:Side pressure unit

Standard with one row of vertical rollers for straight edges.  
Space required: 460 mm



## RT7:Radius trimming unit

Apply for perfect finishing of the bottom of front and rear corner of the profile edge.  
Motor: 0.5 HP x 2 PCS  
Speed: 12000 R.P.M.  
Cutter: 60 x 16 mm  
Space required: 620 mm



## ES7:Edge sanding unit

Apply for prfile sanding of streight line panel.  
Speed: 1720 R.P.M.  
Motor: 1 HP x 1



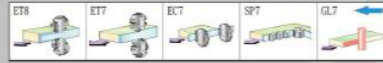
## PLC control system (on request)

# EDGE BANDING MACHINE

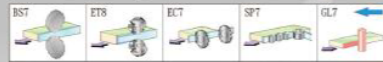
200A



250A



250B



300A



300B



350A



350G



400P



500PG



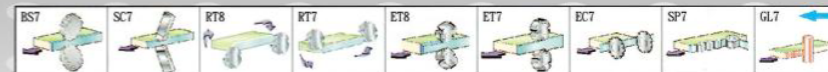
400A



500A



600A



600P



600G



700P



700PG



## Specifications:

MODEL			200A	250A/250B	300A/300B	350A/350G	400P	500G
Working size	Panel length	mm (in)	Min. 140 (5-1/2)-Up					
	Panel width	mm (in)	Min. 100 (4)-Up					
	Panel thickness	mm (in)	10 (2/5) - 50 (2)					
	Edging thickness	mm (in)	0.4 (1/64) - 10 (13/32)					
Feeding system	Feed speed	mpm (fpm)	6-30 (20 - 66)					
	Rared power	kw (hp)	1.5 (2) / 2.25 (3) / 3.5 (5)					
Weight	Net weight	kgs	1000 (2200)	1150 (2530)	1300 (2860)	1450 (3190)	1730 (3806)	2050 (4510)
	Gross weight	kgs	1160 (2552)	1330 (2926)	1510 (3322)	1685 (3707)	2000 (4400)	2370 (5214)
Dimension	Machine size	mm (in)	2940 x 800 x 1415 (116 x 32 x 56)	3440 x 800 x 1415 (135 x 32 x 56)	3940 x 800 x 1415 (155 x 32 x 56)	4520 x 800 x 1415 (178 x 32 x 56)	5200 x 800 x 1415 (205 x 32 x 56)	6200 x 800 x 1415 (244 x 32 x 56)
	Packing size	mm (in)	3090 x 910 x 1640 (122 x 36 x 65)	3590 x 910 x 1640 (141 x 36 x 65)	4090 x 910 x 1640 (161 x 36 x 65)	4670 x 910 x 1640 (184 x 36 x 65)	5350 x 910 x 1640 (211 x 36 x 65)	6350 x 910 x 1640 (250 x 36 x 65)

We reserve the right for technical modification.

MODEL			400A	500A	600A / 600P / 600G	700P / 700G
Working size	Panel length	mm (in)	Min. 140 (5-1/2)-Up			
	Panel width	mm (in)	Min. 55 (2-1/8)-Up			
	Panel thickness	mm (in)	10 (2/5) - 50 (2)			
	Edging thickness	mm (in)	0.4 (1/64) - 10 (13/32)			
Feeding system	Feed speed	mpm (fpm)	6-30 (20 - 66)			
	Rared power	kw (hp)	1.5 (2) / 2.25 (3) / 3.5 (5)			
Weight	Net weight	kgs	1730 (3806)	2050 (4510)	2350 (5170)	2650 (5830)
	Gross weight	kgs	2000 (4400)	2370 (5214)	2720 (5984)	3070 (6754)
Dimension	Machine size	mm (in)	5200 x 800 x 1415 (205 x 32 x 56)	6200 x 800 x 1415 (244 x 32 x 56)	7200 x 800 x 1415 (283 x 32 x 56)	8200 x 800 x 1415 (322 x 32 x 56)
	Packing size	mm (in)	5350 x 910 x 1640 (211 x 36 x 65)	6350 x 910 x 1640 (250 x 36 x 65)	7350 x 910 x 1640 (289 x 36 x 65)	8350 x 910 x 1640 (329 x 36 x 65)

We reserve the right for technical modification.

# YL-SD SERIES



YL-SD-350A



YL-SD-400A



YL-SD-600P



YL-SD-7000A

# WORKING UNIT



**AA1 : Anti-adhesive device**  
Apply for anti-adhesive of the panel surface.



**PM1 : Profile moulding unit**  
PM(left hand) / PM2(right hand)  
Apply moulding on panel edge or lipping.  
Standard with H.F. motors.  
Spindle tiltable : 0°~180°  
Cutter : 80 x 20 MM / 120 x 30MM  
Speed : 12000 R.P.M.  
Motor : 5 HP  
Space required : 570 MM



**EGL3 : Double gluing unit**  
Apply glue on panel and/or edge "Soft forming" also applicable.  
Glue pot : 7KG  
Power : 4 KW  
Space required : 580 MM



**SP2 : Rotary side pressure unit**  
(1) Vertical pressure rollers for pressing straight edge.  
(2) Profile pressure rollers for pressing softforming edge.  
Space required : 870 MM



**LS1 : Longitudinal cutting shear**  
Apply for longitudinal cutting shear of top and bottom of soft forming edges.  
(for SD-700A)



**EC1 : End cutting unit**  
Apply for cutting front & rear edge by (2) independent motors.  
Spindle swivable : 0°~45°  
Sawblade : 150 x 200 MM  
Speed : 12000 R.P.M.  
Motors : 0.67 HP x 2  
Space required : 1155 MM



**ET1 : Edge trimming unit**  
Apply for rough trimming of top and bottom edges.  
Cutters : 80 x 20 MM  
Speed : 12000 R.P.M.  
Motors : 0.75 HP x 2 / 2.5 HP x 2  
Space required : 455 MM



**ET2 : Tilting edge trimming unit**  
Apply for fine trimming of top and bottom edge as "chamfering".  
Spindle tiltable : 0°~35°  
Cutters : 80 x 20 MM / 100 x 20 MM  
Speed : 12000 R.P.M.  
Motors : 0.75 HP x 2 / 2.5 HP x 2  
Space required : 645 MM



**SC1 : Scrapping unit**  
Apply for scrapping top and bottom corners of PVC / ABS.  
Spindle fixed at 45°  
Scrapping blade : Subject to order with radius required.  
Space required : 400 MM



**BS1 : Brushing unit**  
Apply the finest surfacing process on top and bottom edge.  
Spindle tiltable : 0°~45°  
Brushing wheel : 180 x 25 MM  
Speed : 1750R.P.M  
Motors : 0.5 HP x 2  
Space required : 510 MM



**PS5 : Profile sanding unit**  
PS5(left hand) / PS6 (right hand)  
Apply sanding on profile edge.  
Spindle tiltable : -15°~1+105°  
Belt size : 4" x 78" / 98"  
Belt speed : 630 MM  
Motors : 2 HP  
Space required : 750 MM



**PS7 : Belt sanding unit**  
Sanding Motor: 2HP  
Sanding belt size: 4" x 60"  
Vibration power: 25w x 1/36



**GV7 Grooving unit**  
Cutting groove on the work piece.  
Motor power 3 HP run at 3000 R.P.M  
Saw blade : 255\*25.4\*3.0\*80T  
Spindle dia. : Ø25.4\*82 mm(L)



**PLC control system (on request)**



The top pressure beam equipped with ball screw transmission



**Disc roller side support**  
Special for narrow work piece.

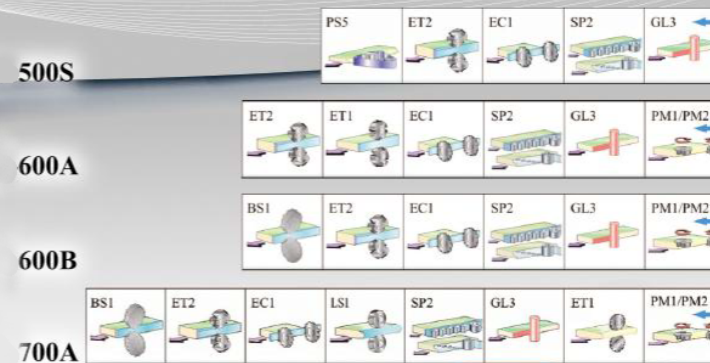
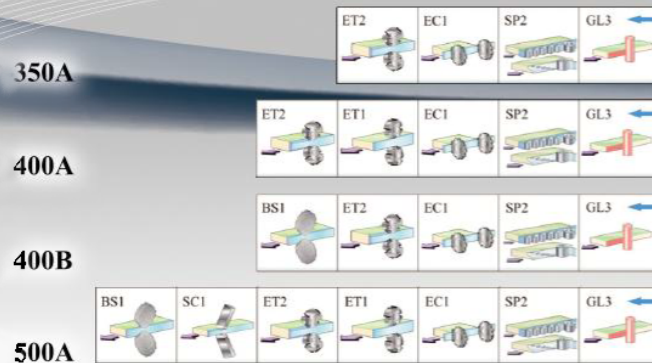


**Aluminum extension side support**



**Aluminum extension side support**

# TECHNICAL DATA



MODEL			350A	400A	400B	500A
Working size	Panel length	mm(in)	105(4) - up			
	Panel width	mm(in)	100(4) - up			
	Panel thickness	mm(in)	10(3/8) - 60(2 - 3/8)			
	Edge thickness	mm(in)	0.4(1/64) - 25(1)			
Feeding system	Feed speed	mpm	6-30 (20 - 98)			
	Rated power	kw(HP)	1.5(2) / 2.25(3) / 3.75(5)			
Weight	Net wight	kgs	1900(4180)	2100(4620)	2100(4620)	2500(5500)
	Gross weight	kgs	2200(4840)	2450(5390)	2450(5390)	2900(6380)
Dimesion	Machine size	mm(in)	4670 x 850 x 1560 (184 x 33 x 62)	5170 x 850 x 1560 (203 x 33 x 62)	5170 x 850 x 1560 (203 x 33 x 62)	6280 x 850 x 1560 (247 x 33 x 62)
	Packing size	mm(in)	4750 x 920 x 1860 (187 x 37 x 74)	5210 x 920 x 1860 (205 x 37 x 74)	5210 x 920 x 1860 (205 x 37 x 74)	6300 x 920 x 1900 (248 x 37 x 75)

MODEL			500S	600A	600B	700A
Working size	Panel length	mm(in)	105(4) - up			
	Panel width	mm(in)	100(4) - up			
	Panel thickness	mm(in)	10(3/8) - 60(2 - 3/8)			
	Edge thickness	mm(in)	0.4(1/64) - 25(1)			
Feeding system	Feed speed	mpm	6-30 (20 - 98)			
	Rated power	kw(HP)	1.5(2) / 2.25(3) / 3.75(5)			
Weight	Net wight	kgs	1900(4180)	2100(4620)	2100(4620)	2500(5500)
	Gross weight	kgs	2200(4840)	2450(5390)	2450(5390)	2900(6380)
Dimesion	Machine size	mm(in)	4670 x 850 x 1560 (184 x 33 x 62)	5170 x 850 x 1560 (203 x 33 x 62)	5170 x 850 x 1560 (203 x 33 x 62)	6280 x 850 x 1560 (247 x 33 x 62)
	Packing size	mm(in)	4750 x 920 x 1860 (187 x 37 x 74)	5210 x 920 x 1860 (205 x 37 x 74)	5210 x 920 x 1860 (205 x 37 x 74)	6300 x 920 x 1900 (248 x 37 x 75)