

# ***EDGE BANDING MACHINE***



**We support to provide**  
High quality production  
High efficiency product  
Reliable product  
Expert after-sales service



***TECHNIK ASSOCIATES, INC.***



## 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.

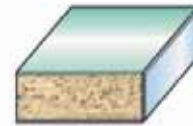
To guarantee straight-fine feed of the panel, a double row of rubber toothed rollers is off-centered onto top pressure bean and the bottom feed track with rubber calibrated pads is running on cylindrical guide.

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

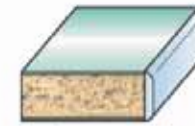
The feed of edging material , in strip/coil , is automatic and synchronously with panel feed.

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

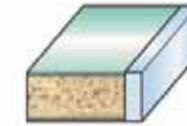
### FOR LINEAR & STANDARD SERIES



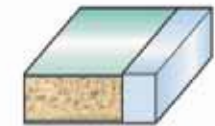
Thin Edging  
0.4~1.0 mm thickness  
CE,CEIII,CM,LP,SD



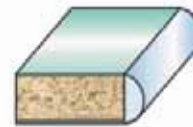
Thick Edging  
1.0~3.0 mm thickness  
CEIII,CM,LP,SD



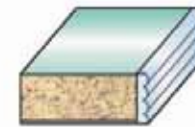
Solid Lipping  
UP to 10.0 mm thickness  
LP,SD



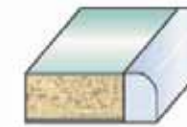
Solid Lipping  
UP to 25.0 mm thickness  
SD



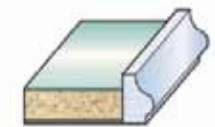
Moulding to Profile  
SD



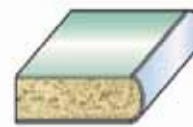
Moulding to Profile  
SD



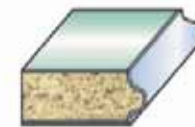
Moulding to Profile  
SD



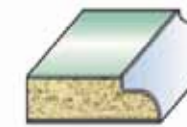
Moulding to Profile  
SD



Softforming  
0.4~0.6 mm thickness  
SD



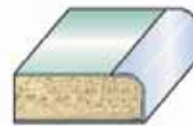
Softforming  
0.4~0.6 mm thickness  
SD



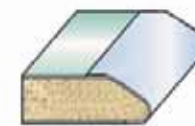
Softforming  
0.4~0.6 mm thickness  
SD



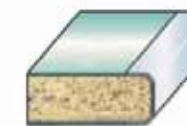
Softforming  
0.4~0.6 mm thickness  
SD



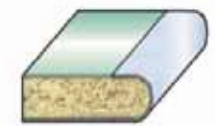
Soft + Postforming  
0.4~0.6 mm thickness  
SD-700A



Soft + Postforming  
0.4~0.6 mm thickness  
SD-700A



Soft + Postforming  
0.4~0.6 mm thickness  
SD-700A



Soft + Postforming  
0.4~0.6 mm thickness  
SD-700A



# LP SERIES



LP-250A



LP-350E

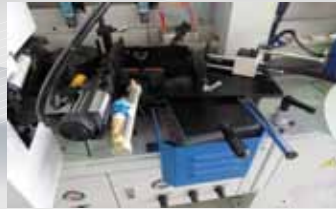


LP-700SG-L



LP-750P

# WORKING UNIT



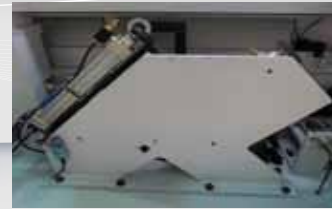
## GL7: Gluing unit

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



## SP7: Side pressure unit

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



## EC7: End cutting unit

Application for cutting front & rear edge by two independent motors 0.5 HP run at 14400 R.P.M (240HZ) with sawblade 150 x 20 mm  
The spindle is orientable from 0° ~ 15°  
Space required: 800 mm



## ET7: Edge trimming unit

Apply for rough trimming of top and bottom edges.  
Cutters: 80 x 20 mm / 100 x 20 mm  
Speed: 14400(240HZ) R.P.M.  
Motor: 0.5 HP x 2 / 1.8 HP x 2 / 2.5 HP x 2  
Space required: 320 mm



## ET8: Tilting edge trimming unit

This top and bottom trimming unit is complete with two independent motors of 0.5 / 1.8HP which run at 14400 R.P.M. (240HZ) with cutter 65 x 20 mm, 0° ~ 35°  
Space required: 390 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: 14400 R.P.M.  
Cutter: 60 x 16 mm  
Space required: 620 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: 14400 R.P.M.  
Cutter: 60 x 16 mm  
Space required: 830 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



## 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



## PM7 / PM8: Pre-milling unit

Fine finishing for panel edge.  
Motor: 2.5 HP  
Speed: 12000 (50HZ) / 14400 (60HZ) R.P.M.  
Cutter: 80 x 20 mm / 120 x 30 mm  
Spindle tilttable: no  
Space required: 570 mm



## ES7: Edge sanding unit

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



## The top pressure beam equipped with ball screw transmission



## Aluminum extension side support



**SP8: Side pressure unit (on request)**  
Standard with one row of vertical rollers for straight edges.  
Consist of (1) big + (5) small pressure rollers.  
Space required: 640mm



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



**PLC control system (on request)**



# EDGE BANDING MACHINE

LP-200A



LP-205A



LP-205B



LP-300A



LP-300B



LP-350A



LP-350G



LP-400P



LP-500PG



LP-400A



LP-500A



LP-600A



LP-600P



LP-600G



LP-700P



LP-700PG



## Specifications:

MODEL		LP-200A	LP-250A/250B	LP-300A/300B	LP-350A/350G	LP-400P	LP-500G	
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	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		LP-400A	LP-500A	LP-600A / 600P / 600G	LP-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.

# SD SERIES



**SD-350A**



**SD-400A**



**SD-600P**



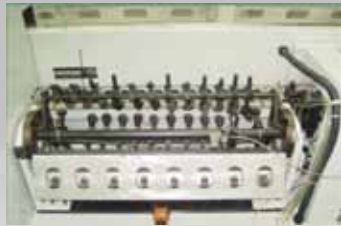
**SD-7000A**



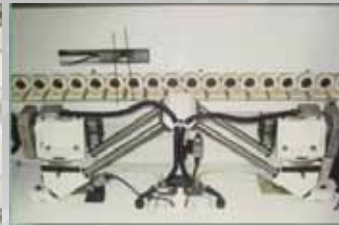
# WORKING UNIT



**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



**EC1 : End cutting unit**  
Apply for cutting front & rear edge by (2) independent motors.  
Spindle swivable : 0 ~ 45°  
Sawblade : 150 x 200 MM  
Speed : 1200(50HZ)/14400(60HZ) RPM  
Motors : 0.5 HP x 2/1 HP x 2  
Space required : 1155 MM



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



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



The top pressure beam equipped with ball screw transmission



**ET1 : Edge trimming unit**  
Apply for rough trimming of top and bottom edges.  
Cutters : 80 x 20 MM  
Speed : 12000(50HZ) / 14400 (60HZ) R.P.M  
Motors : 0.5 HP x 2/1.8 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(50HZ) / 14400 (60HZ) R.P.M.  
Motors : 0.5 HP x 2 / 1.8 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



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



**Aluminum extension side support**



**Aluminum extension side support**



**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



**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(50HZ) / 14400(60HZ) R.P.M  
Motor : 2.5 HP / 5 HP  
Space required : 570 MM



**PS5 : Profile sanding unit**  
PS5(left hand) / PS6 (right hand)  
Apply sanding on profile edge.  
Spindle tiltable : -15 ~ + 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



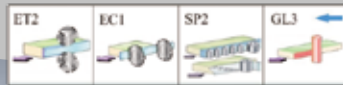
**Top belt system plus automatic up and down adjustment. (on request)**



**PLC control system (on request)**

# TECHNICAL DATA

SD-350A



SD-400A



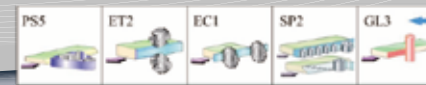
SD-400B



SD-500A



SD-500S



SD-600A



SD-600B



SD-700A



MODEL			SD-350A	SD-400A	SD-400B	SD-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			SD-500S	SD-600A	SD-600B	SD-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)
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