



# The 'HURRICANE' AUTOMATIC LAY END-CUTTER

Model 'LPA' WITH AIR-OPERATED LIFTS



**Effortless, fast and accurate cutting & clamping of cloth**  
*Saves up to 5 cms (2") over-allowance of cloth at ends of lay*

## MODEL 'LPA'

Incorporates Pneumatic Lifters which rise automatically after each cut. The cutter traverses the table automatically and the distance of travel may be set with a dial, saving time when narrow fabrics are being cut. The clamping end is also pneumatically operated by means of a switch at that end of the lay. Remote control switches to the cutting end (optional) give many variations of set-up. The ply-counter is automatic and electrically operated; it can be switched off so that trimming cuts are not registered.

### USED BY:

- ★ Garment makers
  - ★ Bedding and curtain manufacturers
- and so many other industries EVERYWHERE!

## USER-FRIENDLY

Simple to install and use.  
Ergonomically designed control panel layout.

## ACCURATE

Nylon slides in extruded aluminium guide track ensure a perfectly straight cut every time.

## FAST & EFFICIENT

Powerful geared traverse drive motor (300 rpm).

- **Press button operation**  
No cutter handles or overhead cables.
- **Pre-set control**  
For various widths of cut.
- **Cable drum feed**  
Power lead to cutter kept off table.
- **Air piston**  
Raises lift *effortlessly* after each cut. Height is adjustable. Can be manually operated by push-button at any time.
- **Table clamps**  
One each side of table ensures track stays square and secure.
- **Side gripping track retainers**  
Machines can be supplied to cut the



- full width of table, and all machines adjust to fit smaller tables.
- **Cutter**  
Has 'square' main blade and self-sharpening action. Machine complete with grinder and tungsten carbide counter-blade for durability.
- **Automatic counter**  
Keeps check on number of lengths laid; can be switched off for manual cutting.
- **Table clear**  
No bars, cables or straps on table when lifts raised. Lay can be moved with ease. Track lifts up to 30cms (12") above table.
- **Counter-weight**  
Residual air pressure can be adjusted to make the track lighter for holding delicate fabrics, or heavier for slippy fabrics.
- **Remote control**  
Socket fitted.
- **Multiple laying**  
2 or more cutters can be operated together to cut 2 lengths on one lay.
- **Step-laying**  
Facility available.

## Specification

The cutting head runs on nylon feet and machines can be supplied suitable for 200/240V single phase 50 cycles current, or 100/115V 1-ph 50/60 cycles current. Sizes – table width 180cms (6ft) to 430cms (14ft) in 30cms (1ft) increases. Uses normal factory air pressures (3-6 Bar:40-80 psi). A small compressor can be supplied if required. Contact suppressors fitted as standard, along with plug-in type modular relays. Finished in polished and anodised aluminium alloy.

	LPA 06(N)	LPA 07(N)	LPA 08(N)	LPA 09(N)	LPA 10(N)	LPA 11(N)	LPA 12(N)	LPA 13(N)	LPA 14(N)
Maximum fabric width (cm/in)	152 (60")	183 (72")	210 (84")	240 (96")	275 (108")	305 (120")	335 (132")	365 (144")	400 (156")
Maximum table width (cm/in)	183 (72')	210 (84')	240 (96')	275 (108')	305 (120')	335 (132')	365 (144')	400 (156')	430 (168')
Maximum table top depth (at operator's side)	125 (4 <sup>7</sup> / <sub>8</sub> "	—	—	—	—	—	—	—	—

### Operating – All Models

Automatic Mode	Single touch press button for cut and return with pre-settable traverse distance.
Manual Mode	Press and hold.
Electrical Counter	Automatically counts each ply cut – may be switched off for trim cuts, etc.
Lifting mechanism	– Automatic to preset height after cloth cut. – Adjustable counter weight "back pressure" to clamp cloth firmly. – Lock to top limit via electrical switch.

### Electrical Specification

220/240 volt AC/Single Phase/50 Hz/1.5 amp maximum power consumption.  
or 100/115 volt Single Phase/60 Hz/3 amp maximum consumption (USA etc.).  
Other voltages or suitable transformers available on request.  
Traverse motor: 300 rpm final speed (geared motor) nominal.  
Cutter motor: 6500 rpm nominal speed  
11-pin plug in relays.

### LPA Shipping Information

	LPA 06(N)	LPA 07(N)	LPA 08(N)	LPA 09(N)	LPA 10(N)	LPA 11(N)	LPA 12(N)	LPA 13(N)	LPA 14(N)
Weight (nett/gross) (kg)	31/41	32/44	33/46	34/48	35/51	36/53	37/55	38/57	39/59kg
Packed size and cubic metres (cm)	244/43/37 (0.39m <sup>3</sup> )	274/43/37 (0.44m <sup>3</sup> )	305/43/37 (0.49m <sup>3</sup> )	335/43/37 (0.53m <sup>3</sup> )	366/43/37 (0.58m <sup>3</sup> )	396/43/37 (0.63m <sup>3</sup> )	427/43/37 (0.68m <sup>3</sup> )	458/43/37 (0.73m <sup>3</sup> )	489/43/37 (0.78m <sup>3</sup> )

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### C E Conformity

Model LPA conforms to the related Safety, CE marking and EMC regulations and directives operative in the EC and UK.