

PROTOPIC III-540 Series

540

540 DUAL

540 DUAL PHOTO

540 DUPLEX



Patented

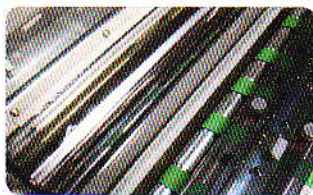
Patents for PROTOPIC III-540 Series

- ▶ The method to form embossing pattern
- ▶ Film roll holder on laminators
- ▶ Laminator equipped with embossing roller
- ▶ Rotation- Fine-Bar Decurling Device

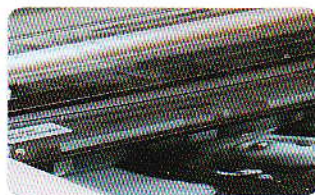


Key features of PROTOPIC III-540 series

- Exchangeable/Commonized PCB
- Automatic feeding paper gap adjustment
- Slide type paper plate - easy to feed the papers
- Air compressor (with light weight & lower noise) also can be placed in the lami-table with films and consumables
- Upgraded Rotation- Fine-Bar Decurling Device as auto center-position mechanism with the high performances
- Strengthened laminating pressure for more stepped-up bonding power effecting perfect output quality
- Ergonomic touch screen for enhancing operator-centric convenient control & quality output productivity
- Air cooling system for perfect Photo matting effect (for DUAL PHOTO version)



High glossy chrome roller



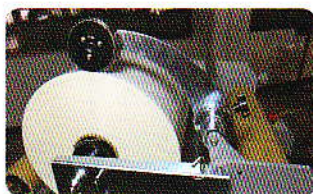
Automatic feeding gap adjustable device



Roller temperature sensor



Touch panel



Film perforator



In-line perforator



Decurling device



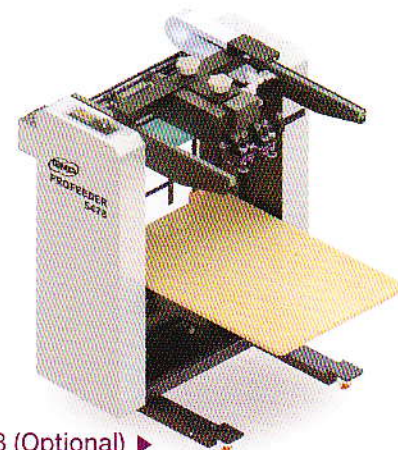
Cantilever type film shaft



Air cooling system



Air Compressor

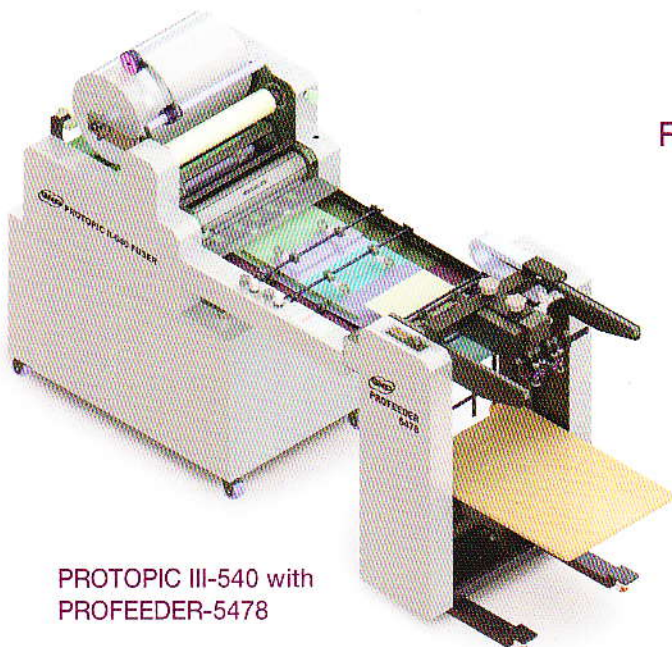


PROFEEDER-5478 (Optional) ▶

Max, 3,500 sheets / hour (for 250mm length substrates) can be laminated by the PROFEEDER-5478 being able to cover large volume lamination jobs.

Specifications of each PROTOPIC III-540 series

Model name	PROTOPIC III-540	PROTOPIC III-540 DUAL	PROTOPIC III-540 DUAL PHOTO	PROTOPIC III-540 DUPLEX
Dimension (W*L*H, mm)	800*1580*670	800*1770*670	800*1770*670	800*1580*670
Net weight (kgs)	358	397	397	450
Laminating speed (m/min.)	15	15	15	15(5)
Max. Paper size (W*L, mm)	540*800	540*800	540*800	540*800
Laminating films	· Single Side : POLYNEX, PERFEX, NYLONEX · Sleeking foil : GLOSS, MATT, HOLOGRAM, METALLIC	Single Side: POLYNEX, PERFEX, NYLONEX FILM	Single Side: POLYNEX, PERFEX, NYLONEX FILM	· Single Side: POLYNEX, PERFEX, NYLONEX · Double Side: POLYNEX, PERFEX, NYLONEX
Substrate weight (g/m ²)	120~350	120~350	120~350	120~350
Front roller diameter (mm)	T: 100 / B: 80	T: 100 / B: 80	T: 100 / B: 80	T: 100 / B: 80
Rear roller diameter (mm)	55	55	55	55
Power requirement	AC 220~240V/15A	AC 220~240V/15A	AC 220~240V/15A	AC 220~240V/24A(15)
Power consumption (kw)	3,45	3,45	3,45	5,6(3,45)
Warm-up time (min)	7	7	7	7
Heating system	Infrared heater	Infrared heater	Infrared heater	Infrared heater
Laminating temp. (°C)	MAX,150	MAX,150	MAX,150	MAX,150
Temp. Control	Touch-screen	Touch-screen	Touch-screen	Touch-screen
Speed control	Touch-screen	Touch-screen	Touch-screen	Touch-screen
Display for temp. & Speed	LCD Panel	LCD Panel	LCD Panel	LCD Panel
Pressure control	Pneumatic cylinder	Pneumatic cylinder	Pneumatic cylinder	Pneumatic cylinder
Film core	77mm (3")	77mm (3")	77mm (3")	77mm (3")
Cooling device	Air blower	Air blower	Air cooling system	Air blower
Air compressor	1 HP, 89L/min	1 HP, 89L/min	1 HP, 89L/min 2 HP, 116L/min(cooling)	1 HP, 89L/min



PROTOPIC III-540 with PROFEEDER-5478

FEATURES of PROFEEDER-5478

- Accurate paper-feeding gap by stream feeding system for perfect job results
- Available 3,500 sheets/hr for feeding
- Built-in low noise vacuum pump as one-unified type into feeder
- Available to use in office with Low-Noise operation
- Household power supply (AC 220~240V,50/60Hz-15Amps)
- Overlap Feeding for Automatic Feeding Distance Control on PROTOPIC II-540 Series.
- Connectivity to other various machines in the similar range