

PROTOPIC- 540 QUATRO series

540 QUATRO 540 QUATRO-SLIT AUTO- 540 QUATRO AUTO- 540 QUATRO-SLIT

- Slit-Book® Technology
- Single & Double side Lamination
- Single & Double side Photo Matting Lamination



- Using household power supply (15A) with dual heater technology

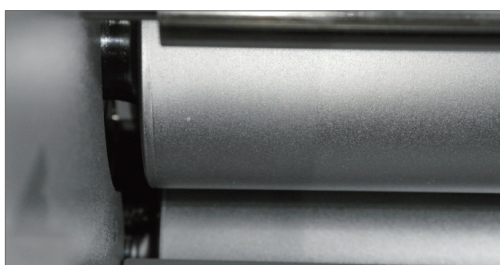
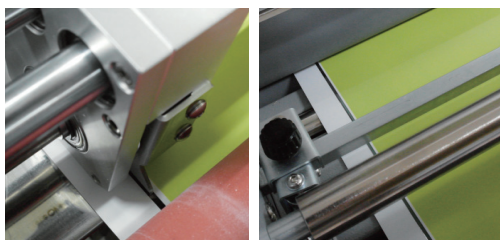
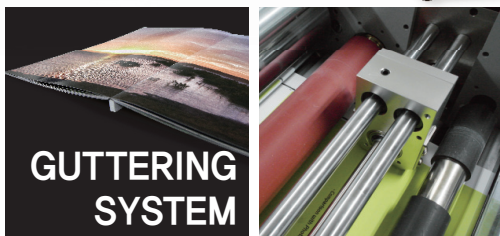


Patents for PROTOPIC-540 QUATRO Series

- The method of inline embossing technology
- Dual core holding system for film rolls on laminators
- Laminator equipped with embossing roller
- Anti bursting mark & scratch
- Slit laminating method

Key features of PROTOPIC-540 QUATRO Series

- Superlative versatile laminator for duplex gloss lamination duplex photo matting and media slit lamination
- Automatic paper feeding gap control system and automatic burst cutting system
- Slide type paper loading table – easy to handle papers
- Ergonomic capacitive touch screen (user friendly design)
- Customized pattern embossing can be ordered (basic: photo embossing rollers)
- Air compressor and vacuum pump included
- Air cooling system for perfect photo matting effect – optional chiller system for high speed embossing lamination
- Exchangeable/commonized PCB
- Spread roller to avoid wrinkle on laminated result



Duplex embossing rollers for photo matting

PROTOPIC- 540 QUATRO Series

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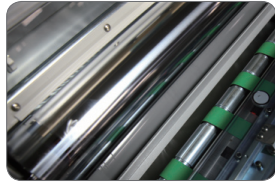
POD Roll Laminator

Application

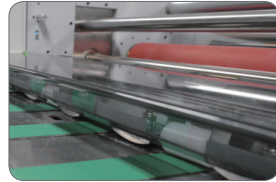
- Slit book lamination
- Photo album & inner paper, photo matting lamination
- Single side lamination
- Duplex lamination
- Silver halide replacement digital photo production
- Digital media whole page sleeking – gloss, matt and hologram
- Digital media spot sleeking – gloss, matt, hologram and metallic



▲ Made by
Slit-Book technology



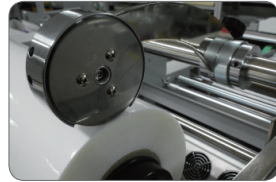
High glossy chrome roller



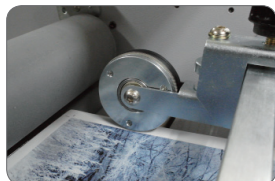
Automatic feeding gap adjustable device



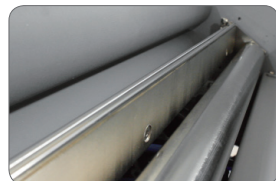
Touch panel



Film perforator



In-line perforator



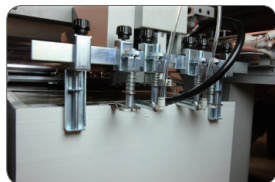
Decurling device



Cantilever type film shaft



Air cooling fan



Auto paper-feeding device



Air Compressor / Vacuum Pump

Models	PROTOPIC-540 QUATRO Series	PROTOPIC AUTO-540 QUATRO Series
Dimension (W*L*H)	800*2000*1320mm	800*2190*1320mm
Max. Laminating speed	<ul style="list-style-type: none"> • Slit book lamination : 5 m/min • Single glossy lamination : 15 m/min • Duplex glossy lamination : 7 m/min • Single photo matting : 3 m/min • Duplex photo matting : 3 m/min 	
Max. paper size (W*L, mm)	540*800	
Laminating films	POLYNEX, PERFEX, NYLONEX, MICRONEX, PHOTONEX	
Substrate weight	120 ~ 300 g/m ²	
Laminating roller diameter	t: Φ 100, B: Φ 77	
Photo matting roller diameter	t: Φ 100, B: Φ 100	
Pull roller diameter	ϕ 54	
Power requirement	AC 220V ~ 240V, 50/60Hz	
Power consumption	[^] house power : 3.5kW / 15A [^] 3 phase : 5.6kW / 24A (order made)	
Warm up time	7 min	
Heating system	dual Infrared heating technology	
Air compressor	1 HP, 0.6mPa, 100L/min	2 HP, 0.6mPa, 116L/min
Vacuum pump	–	250w 120 L/min
Laminating temperature	max. 150°C (302°F)	
Temperature control	capacitive touch screen	
Speed control	capacitive touch screen	
Display	"temperature, speed, paper length, burst position"	
Pressure control	pneumatic cylinder	
Film core	77 mm (3")	
Cooling device	DC cooling fan 5set each – top & bottom roller	