

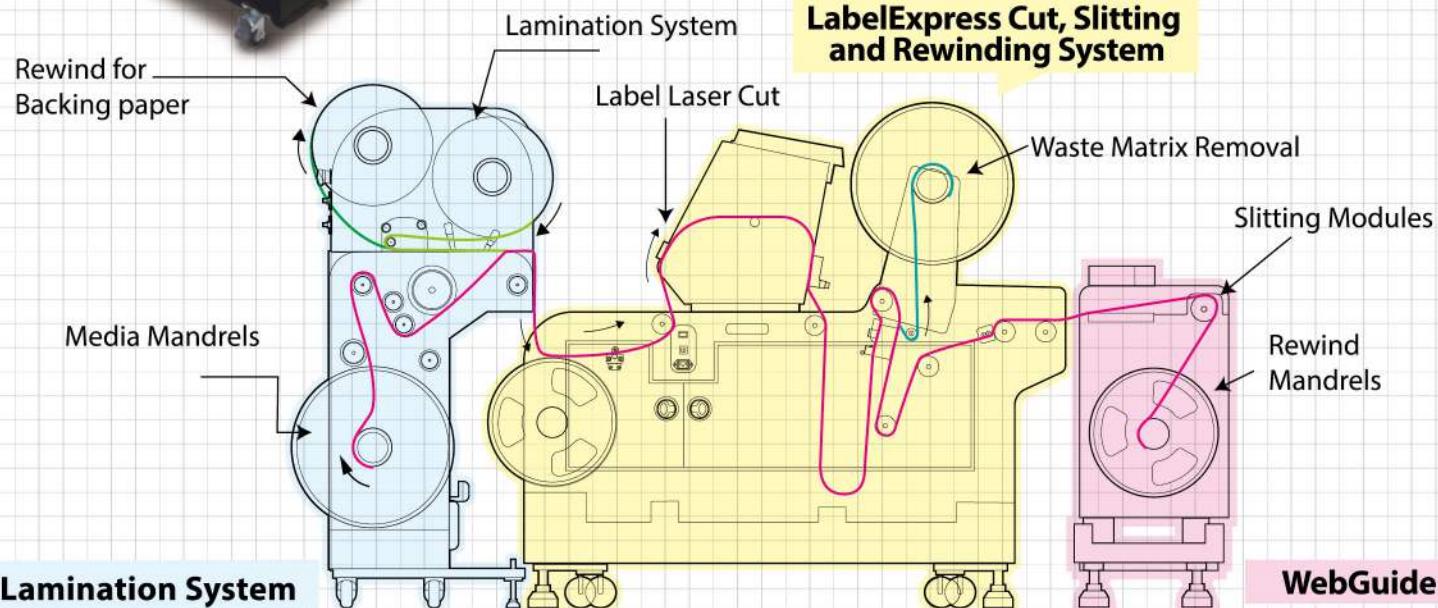
GCC**Label Express** LASER LABEL FINISHER

The Fastest Digital Laser Finisher in its Class

GCC digital laser finishers with contactless laser beam handles die cutting, kiss cutting, bridge cutting and lamination (optional).

Along with the automatic laminating, winding/unwinding system, waste removal roll, CCD camera and slitting modules, LabelExpress offers completed digital and automatic solution for both roll and sheet laser cutting. No extra tooling expense and waiting time needed, ultimate flexibility to fulfill dynamic market demands.

LabelExpress with Laminator System



Lamination System



CCD Camera



Bridge Cutting



Kiss Cutting



Slitting Module (Optional)



Auto Sheet Feeder(Optional)



WebGuide (Optional)

Features:

- Automatic winding / unwinding system
- Emergency stop
- Down vacuum to hold materials flat for laser cutting
- CCD camera to perform precise contour cutting
- Beam path with dust protection window to minimize maintenance
- Top vacuum to take out debris and exhaust during laser cutting

- Edge guiding module to keep materials consistently feeding
- Reliable steel drum material driven technology
- Built-in LED light to illuminate working space
- Air assist to protect lens of laser carriage
- Optional add-on sheet to sheet module
- Optional Web Guide system provides super accurate re-wind quality

LabelExpress LASER LABEL FINISHER



Model Number		LE15-20V93	LE15-30V	LE15-25Vi102			
Wattage		20W 9.3- μ m	30W 10.6- μ m	25W 10.2 μ m			
Cutting Width		381 mm (15")					
Work Area (Sheet) (W x L)		381 x 500 mm (15" x 19.7")					
Max. Label Graphic Size		381 x 330 (15" x 13")					
Max. Roll Material Size	Width	400 mm (15.7")					
	Size	76.2 mm (3") core with 300 mm (11.8") diameter					
	Weight	25 kgs					
Laser Source		Sealed CO ₂ Laser					
Drive		Closed-loop DC Servo Control					
Roll to Roll		Stepper motor Control					
Maximum Motor Speed		1,524 mm/s (60ips) (for straight line cutting)					
Speed Control		Adjustable from 0.1-100 % (Up to 16 color-linked speed settings per job)					
Power Control		Adjustable from 0-100 % (Up to 16 color-linked speed settings per job)					
Alignment System		CCD Module					
Distance Accuracy		0.254 mm or 0.1 % of move, whichever is greater					
Computer Interface		Standard USB port					
Operating Systems		MS Windows					
Display Panel		4-line LCD panel					
Paper Feeding		Auto feed sensor, re-winding system, paper alignment control, waste removal system					
Vacuum System	Down vacuum for media fixation						
	Top vacuum for media surface cleaning						
Process Materials		Paper, PET, *PP*, BOPP, etc.					
Safety		Class IV Laser Product Compliant with EN60825-1:2014 Class IV Laser Product Compliant with CDRH					
Dimensions (WxLxH)	Machine	1,070 x 1,441 x 1,180 mm (42.2 X 56.7 X 46.5 in.)					
	Shipping	1,570 x 1,300 x 1,470 mm (52 X 65.4 X 58.7 in.)					
Weight (WxLxH)	Machine	250 kg					
	Shipping	385 kg					
Facility Requirements							
Electrical		100~240 Volt AC, 50/ 60Hz, Auto Switching, Max. 10 Amp					
Power Consumption		MAX:1000W					

* For PP, BOPP materials, we recommend using laser source 10.2 μ m wavelength of 25 wattage.

Optional Item		LabelExpress Laminator	Optional Item	Auto Sheet Feeder
Lamination Width	MAX: 380mm (15")		Supported media	Landscape orientation: A4 (297 x 210 mm), SRA4 (320 x 235 mm) Portrait orientation: A3+ (329 x 483 mm), A3 (297 x 420 mm), SRA3 (320 x 450 mm), B3 (500 x 353 mm), A4 (297 x 210 mm), SRA4 (320 x 235 mm)
	MAX: 250mm (9.8"), with core 76.2mm (3")			Up to 350 g/m ²
Media	MAX: 300mm (11.8"), with core 76.2mm (3")		Capacity of Supply Tray	250 Sheets @150 g/m ² or up to 50 mm height (It varies by the material, thickness and condition of media.)
	Electric			Interface
Power Consumption		500W	Power Source	Serial (RS-232C)
Lamination Type		Cold Lamination		100 to 240 V AC, Approx. 60W (MAX. 200W) at output power
Media Type		Available with backing paper & without backing paper	Optional Item	
Speed		Depends on LabelExpress feeding speed	Max. Roll Width	400mm (15.7")
Optional Item		Air Exhaust System / Compressor		27kgs
Air Exhaust System		External exhaust system required (Air Flow: 1000~1500m ³ /h)	Power Supply	24V
Compressor		Air Compressor required (Air Capacity: 64~81L/min)		4A
			Slitting Width	Min. 30mm (optional)

*Specifications are subject to change without prior notice.

www.GCCworld.com



GCC Headquarters	4F-1, No.236, Fude 2nd Rd., Xizhi Dist., New Taipei City 22151, Taiwan	886-2-6616-6692	Fax : 886-2-2694-6875
GCC China	No.1, Chen Feng Road, Yushan, Kunshan, Jiangsu 215300, China	86-512-5726-1515	Fax : 86-512-5726-1518
GCC Europe B.V.	Eglantierbaan 43-45, 2908 LV, Capelle a/d IJssel, The Netherlands	31-10-458-9367	
GCC America, Inc	20453 E Valley Blvd. Walnut, CA 91789, USA	1-909-718-0248	Fax : 1-909-718-0251
		US & Canada Only	Toll Free: 1-888-284-5211