



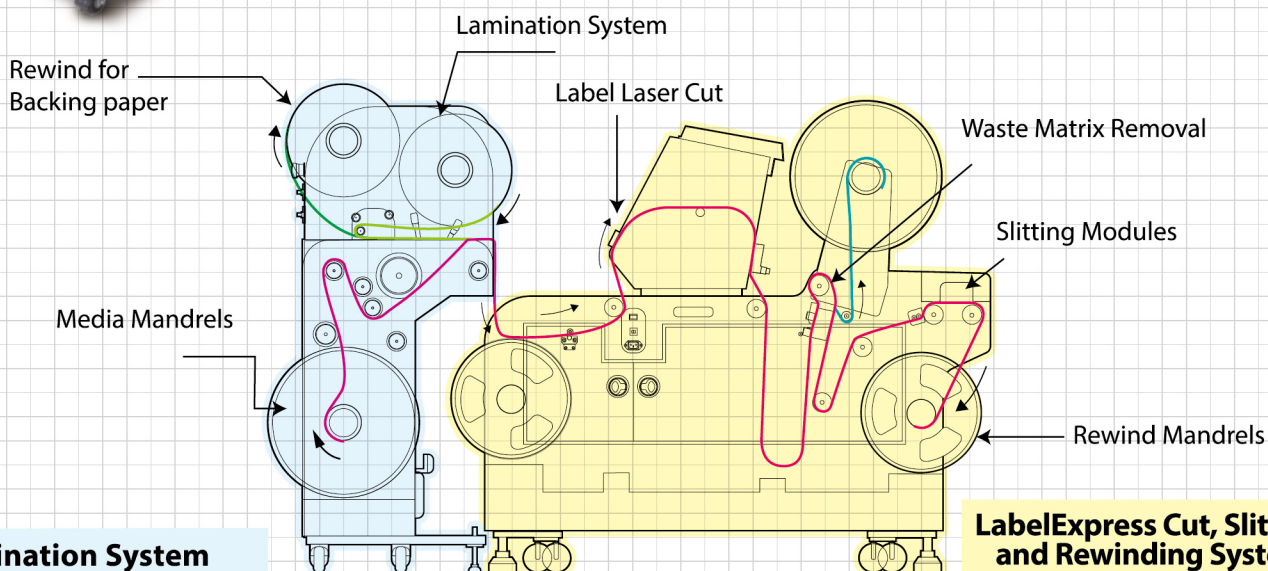
Label LASER LABEL FINISHER Express



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 roll label cutting. No extra tooling expense and waiting time needed, ultimate flexibility to fulfill dynamic market demands.

LabelExpress with Laminator System



Lamination System

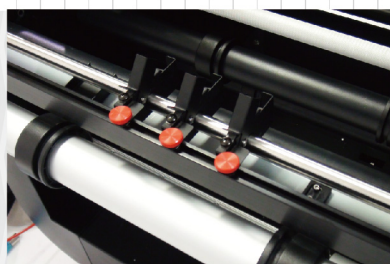
LabelExpress Cut, Slitting and Rewinding System



CCD Camera



Bridge Cutting



Slitting Module (Optional)



Kiss Cutting

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
- Edge guiding module to keep materials consistently feeding
- Top vacuum to take out debris and exhaust during laser cutting
- Reliable steel drum material driven technology
- Built-in LED light to illuminate working space
- Air assist to protect lens of laser carriage

LabelExpress LASER LABEL FINISHER

Model Number		LE15-20V93	LE15-25Vi102	LE15-30V
Wattage		20W 9.3-μm	25W 10.2μm	30W 10.6-μm
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")		
	Roll Size	76.2 mm (3") core with 300 mm (11.8") diameter		
	Roll 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		
Air Exhaust System (Optional)		External exhaust system required (Air Flow: 1000~1500m ³ /h)		
Compressor (Optional)		Air Compressor required (Air Capacity: 64~81L/min)		
Optional (LabelExpress Laminator)				
Lamination Width		MAX: 380mm (15")		
Lamination Film (Outer Diameter)		MAX: 250mm (9.8"), with core 76.2mm (3")		
Media (Outer Diameter)		MAX: 300mm (11.8"), with core 76.2mm (3")		
Electric		100-240VAC, 50-60Hz, MAX. 5A		
Power Consumption		500W		
Lamination Type		Cold Lamination		
Media Type		Available with backing paper & without backing paper		
Speed		Depends on LabelExpress feeding speed		
Dimensions (WxLxH)	Machine	860 x 510 x 1,250 mm (34 X 20 X 49 in.)		
	Shipping	1,120 x 750 x 1,480 mm (44 X 30 X 58 in.)		
Weight (WxLxH)	Machine	140 kgs		
	Shipping	204 kgs		



*Specifications are subject to change without prior notice.

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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	Fax : 31-10-451-9874
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