



Decal LASER DECAL FINISHER Express

A Dedicated Tool to Satisfy Different Needs for Decal Cutting



CCD Camera (DecalExpress Only) *



Waste Drawer

DecalExpress



DecalExpress-ECO



Paper Loading Cart (Optional)



Waste Removal Roll

Laser Decal Finisher

The DecalExpress is dedicated to satisfy different needs for garment décor market. The powerful SmartCONTROL software makes the operation easier and performs multiplex parameters in one cutting job. The specially designed waste drawer collects unnecessary materials when die cutting, providing a smooth workflow without job interruptions.

The DecalExpress with superior and versatile capacities optimizes its performance of decal cutting. To suit with different demand, we release ECO version with budget friendly design. We believe when your business is ready to grow, GCC will be there!

Features:

- Automatic winding / unwinding system
- Beam path with dust protection window to minimize maintenance
- Down vacuum to hold materials flat for laser cutting
- Emergency stop
- CCD Camera to perform precise contour cutting (DecalExpress Only) *
- Waste drawer to collect unnecessary material for cut through function
- Edge guiding module to keep materials consistent 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
- Automated laser cutting process for fabric cutting with low operating and material costs.

* CCD is standard for regular DecalExpress, optional for DecalExpress-ECO version.



DecalExpress

LASER DECAL FINISHER

Model Number		DE24-20V93	DE24-25Vi102	DE24-30V	DE24-20V93 (ECO)	DE24-20Vi102 (ECO)	DE24-30V (ECO)
Wattage		20W 9.3-µm	25W 10.2-µm	30W 10.6-µm	20W 9.3-µm	25W 10.2-µm	30W 10.6-µm
Cutting Width		610 mm (24 in.)					
Work Area (Sheet) (W x L)		610 x 500 mm (24 x 19.7 in.)					
Max. Label Graphic Size		381 X 330 mm (15 x 13 in.)					
Max. Roll Material Size	Width	85-610 mm (3.4-24 in.)					
	Roll Size	76.2 mm (3 in.) core with 300 mm (11.8 in.) diameter				76.2 mm (3 in.) core with 170 mm (6.7 in.) diameter	
	Roll Weight	25 kgs				12 kgs	
Laser Source		Sealed CO2 Laser					
Drive		Closed-loop DC Servo Control					
Roll to Roll		Stepper Motor Control					
Maximum Motor Speed		1,530 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 as standard				CCD Module as optional item	
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, Nonwoven, PET, PP, BOPP, etc.					
Safety		Class IV Laser Product Compliant with EN60825-1:2014 Class IV Laser Product Compliant with CDRH					
Dimensions (W x L x H)	Machine	1,135 x 1,441 x 1,180 mm (44.6 x 56.7 x 46.5 in.)				1,135 x 700 x 1,305 mm (44.6 x 27.6 x 51.4 in.)	
	Shipping	1,385 x 1,741 x 1,430 mm (54.5 x 68.5 x 56.3 in.)				1,230 x 920 x 1,605 mm (48.4 x 36.2 x 63.2 in.)	
Weight	Machine	275 kg				90 kg	
	Shipping	375 kg				186 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: 1000~1500m³/h)					
Compressor (Optional)		Air Compressor required (Air Capacity: 64~81L/min)					
Optional Item		Air Exhaust System / Compressor / Slitting Device / Paper Loading Cart / External I/O Board					

*Specifications are subject to change without prior notice.

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