



# 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)	
<b>Wattage</b>	20W 9.3- $\mu$ m	25W 10.2- $\mu$ m	30W 10.6- $\mu$ m	20W 9.3- $\mu$ m	25W 10.2- $\mu$ m	30W 10.6- $\mu$ m	
<b>Cutting Width</b>	610 mm (24 in.)						
<b>Work Area (Sheet) (WxL)</b>	610 x 500 mm (24 x 19.7 in.)						
<b>Max. Label Graphic Size</b>	381 X 330 mm (15 x 13 in.)						
<b>Max. Roll Material Size</b>	<b>Width</b>	85~610 mm (3.4~24 in.)					
	<b>Roll Size</b>	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		
	<b>Roll Weight</b>	25 kgs			12 kgs		
<b>Laser Source</b>	Sealed CO <sub>2</sub> Laser						
<b>Drive</b>	Closed-loop DC Servo Control						
<b>Roll to Roll</b>	Stepper Motor Control						
<b>Maximum Motor Speed</b>	1,530 mm/s (60ips) (for straight line cutting)						
<b>Speed Control</b>	Adjustable from 0.1~100 % (Up to 16 color-linked speed settings per job)						
<b>Power Control</b>	Adjustable from 0~100 % (Up to 16 color-linked speed settings per job)						
<b>Alignment System</b>	CCD Module as standard			CCD Module as optional item			
<b>Distance Accuracy</b>	0.254 mm or 0.1 % of move, whichever is greater						
<b>Computer Interface</b>	Standard USB port						
<b>Operating Systems</b>	MS Windows						
<b>Display Panel</b>	4-line LCD panel						
<b>Paper Feeding</b>	Auto feed sensor, re-winding system, paper alignment control, waste removal system						
<b>Vacuum System</b>	Down vacuum for media fixation						
	Top vacuum for media surface cleaning						
<b>Process Materials</b>	Paper, Nonwoven, PET, PP, BOPP, etc.						
<b>Safety</b>	Class IV Laser Product Compliant with EN60825-1:2014 Class IV Laser Product Compliant with CDRH						
<b>Dimensions (W x L x H)</b>	<b>Machine</b>	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.)		
	<b>Shipping</b>	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.)		
<b>Weight</b>	<b>Machine</b>	275 kg			90 kg		
	<b>Shipping</b>	375 kg			186 kg		
<b>Facility Requirements</b>							
<b>Electrical</b>	100~240 Volt AC, 50/ 60Hz, Auto Switching, Max. 10 Amp						
<b>Power Consumption</b>	MAX:1000W						
<b>Air Exhaust System (Optional)</b>	External exhaust system required (Air Flow: 1000~1500m <sup>3</sup> /h)						
<b>Compressor (Optional)</b>	Air Compressor required (Air Capacity: 64~81L/min)						
<b>Optional Item</b>	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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