

Flatbed Cutting Plotter **FC2240 Series**

Advanced Flatbed Cutting Plotter
Technology for Plotting and Cutting
Applications.

Garment
(Pattern)

Shoes
(Pattern)

Traffic Sign
(High-intensity
reflective film)

Monument
(Sandblast resist
rubber)

Offset Print
(Blanket)

Industry
(Speciality function
films)

Sign
(Vinyl)



- 6 types are available. Each type has different table size and hold-down method. Allows you to select a model which meet the various applications and material you use.
- Fulfilling the max high pressure 1kg, and enables you to cut thick material.
- Includes max speed 400mm/sec and 2 pens as standard equipment. Increased production efficiency and widen the scope of applications available.
- Corresponds to USB2.0 interface. We achieve user-friendly operation.
- Includes D-Cut Master (CAD Utility Software) as standard software. Makes it easy for you to cut material from CAD (DXF) DATA.
- Achieves the best-in-class cost performance.

FC2240 Series Specifications

Model name	- 60VC	- 120VC	- 120MG	- 120ES	- 180VC	- 180ES
Configuration	Digital servo, Flatbed					
Media hold-down method	VC	VC	MG	ES	VC	ES
	VC model : Vacuum suction *1 , ES model : Electrostatic adhesion , MG model : Magnetic					
Effective cutting area	610 x 920 mm 24.0 x 36.0 inch	1200 x 920 mm 47.2 x 36.0 inch		1740 x 920mm 68.5 x 36.0 inch		
Maximum medium width	1010 mm (Y-axis direction) 43.3 inch (Y-axis direction)					
Number of pens / cutters	2					
Maximum cutting speed	400 mm/s (40-step range) 16 inch/s (40-step range)					
Cutting force	First pen : Max. 9.8N(1 kgf), 40-step range Second pen: Max. 4.9N(500 gf), 40-step range					
Mechanical resolution	0.0025 mm					
Programmable resolution	GP-GL mode: 0.1/0.05/0.025/0.01 mm (selected by menu) HP-GL™ *3 emulation mode: 0.025 mm					
Cutter and pen types	Cutter blades : Supersteel Pens : Water-based fibertip, oil-based ballpoint, disposable ink *4					
Interfaces	RS-232C, Centronics, USB 2.0 (full speed) ; auto-switching					
Command sets	GP-GL and HP-GL™ *3 emulation (selected by menu)					
Origin specification	Freely specifiable					
Buffer memory	2 Mbyte					
Distance accuracy	Within ±0.1% (plotter mode)					
Repeatability	Within 0.1 mm (plotter mode)					
Perpendicularity	Within 0.5 mm/900 mm (plotter mode)					
Power supply	100 to 120 VAC, 50/60 Hz; 220 to 240 VAC, 50/60 Hz					
Power consumption	120 VA max.					
Operating environment	Temperature: +10°C to +35°C, Humidity: 35% to 75% RH (non-condensing)					
External dimensions (H x W x D)	857 x 920 x 1285mm 33.8 x 36.0 x 50.6 in.	944 x 1568 x 1285 mm 37.1 x 61.7 x 50.6 in. 1687 x 1568 x 987 mm 66.4 x 61.7 x 39.0 in.		944 x 2068 x 1285mm 37.1 x 81.4 x 50.6 in. 1687 x 2068 x 987 mm 66.4 x 81.4 x 39.0 in.		
				60degree inclination*2		
Weight (including stand)	approx. 58 kg 128 lbs.	approx. 69 kg 152 lbs.		approx. 74 kg 163 lbs.		

*1 A vacuum pump is not provided with VC models.

*2 The writing panel on VC models cannot be tilted.

*3 HP-GL™ is a registered trademark of the Hewlett-Packard Corporation of the United States.

*4 Disposable ink pens cannot be used with the high-force pen.

Standard accessories

Power cable		1
Cutter unit	PPA31-CB15B, CB15U-2SP, CB15U-K30-5SP	1 set
Water-based fibertip pens	KF552-BK	1 pack
Sheet holder plates	For MG models only (2 large, 2 medium, 4 small)	1 set of 8
Hexagon wrench	For M4 bolts	1
Height adjustment plates	10-mm, 4-mm height	1 of each
Durable flexible hose	For VC models only, 1.5 to 5 m (can expand/contract) Connection bore diameter : ø38 mm (-60), ø50 mm (-120/180)	1
Hose band	For VC models only, ø38 mm (-60), ø50 mm (-120/180)	2
Vacuum pump installation base	For VC models only	1
CD-ROM	User's manual, Driver, other software	1

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Specifications are subject to change without notice.

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