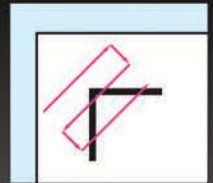# GRAPHTEC
Graphtec America, Inc.

FC2250 SERIES FLATBED CUTTING PLOTTERS

ARMS (Auto Registration Mark Sensor)

Max cutting force up to 1,000 grams!

Interface: USB 2.0 and Serial RS-232C | Graphic LCD screen | Servo Motor

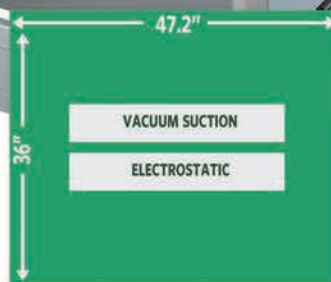Cut thick media up to E-flute | Mac & Windows compatible

Tilting* Table

Contour Cut Pre Printed Media

Dual Tool Holder
for Cutting & Creasing

VACUUM SUCTION — 24" x 36"

VACUUM SUCTION — 68.5" x 36"

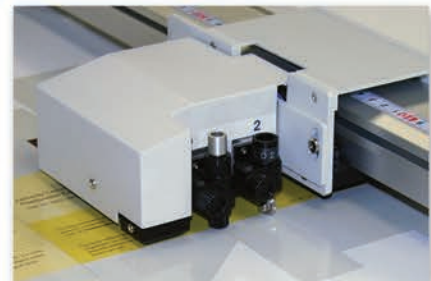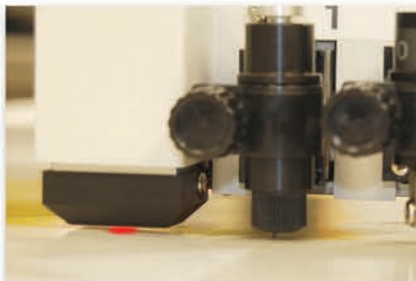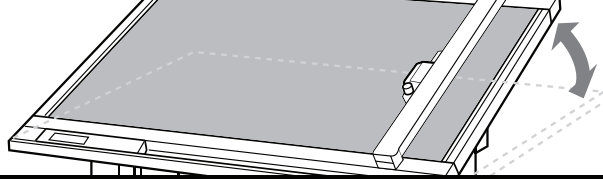**VACUUM SUCTION** / **ELECTROSTATIC** — 47.2" x 36"

3 Table Sizes

FC2250-60 (24" x 36") | FC2250-120 (47.2" x 36") | FC2250-180 (68.5" x 36")

Includes: Stand, Graphtec Studio software & Cutting Master 3 - Illustrator/CorelDraw plug-in
(Mac & Windows compatible)

*Tilting table included with FC2250-120/180 models

3 Table Sizes: 24x36" | 47x36" | 68.5x36"

FC2250 SERIES TECHNICAL SPECIFICATIONS

ITEM	FC2250-60VC	FC2250-120VC	FC2250-120ES	FC2250-180VC
Maximum Cutting Area	24 in x 36 in (610 mm x 920 mm)	47.2 in x 36 in (1200 mm x 920 mm)		68.5 in x 36 in (1740 mm x 920 mm)
Max Media Width	39.8 in (1010 mm) Y-axis direction			
Media Hold-Down Method	**VC**=Vacuum Suction (vacuum kit sold separately)		**ES**=Electrostatic Adhesion	
Minimum Character Size	approx. 10 mm square (varies with the character font and media)			
Maximum Cut Speed	16 in/s (400 mm/s)			
Cutting Force	**Tool 1**: Max. 500 gf in 40 steps, **Tool 2**: Max. 1 kgf in 40 steps			
Mechanical Resolution	0.0025 mm (2.5µm)			
Programmable Resolution	GP-GL™ mode: 0.1/0.05/0.025/0.01 mm, HP-GL® : 0.025 mm			
Compatible Media Types	Marking film (vinyl, fluorescent, and reflective), rigid paper/cards (for stencils, etc.) up to 1.0 mm thick[1] [4] polystyrene foam sheets[3], sandblast rubber resists up to 1.0 mm thick[2] fluted boards (E/F/G grades)[4], clear sheets for plastic boxes, high-intensity reflective films[3]			
ARMS	**Advanced Registration Mark Sensing System**—Reverse-side cutting and creasing with ARMS, Copy function, Creasing function, Repeat cut function			
Interface	USB 2.0 High-speed / Serial RS-232C			
Command Modes	GP-GL™, HP-GL® emulation (selected by menu)			
Number of Tools	2 Tool Holders			
Tool Types Cutter Blade, Pen	Cutter blade: supersteel Pens: Water-based fiber-tip pen, oil-based ballpoint pen Creasing/scoring tool			
Unit Dimensions with Stand	36.2 x 50.6 x 33.7 in (919 x 1285 x 856 mm)	61.7 x 50.6 x 37.2 in (1567 x 1285 x 945 mm)		81.4 x 50.6 x 37.2 in (2067 x 1285 x 945 mm)
Shipping Weight with Stand	128 lbs (58 kg)	152 lbs (69 kg)		163 lbs (74 kg)
Warranty	1 Year Parts & Labor Plus 1 Additional Year after online registration @www.graphtecamerica.com			

1) CB15U or CB15U-K30 cutter blade is used.   2) CB15U-K30 cutter blade is used.   3) CB15UA cutter blade is used.
4) CB30UC blade with PHP34-CB30-HS bladeholder is used.

Software Included: Graphtec Studio (Mac & Windows)
Software Plug-in Included: Cutting Master 3 for Adobe Illustrator (Mac & Windows), CorelDraw (Windows)

Features and specifications are subject to change without notice. Non-metric weights and measures are approximate.