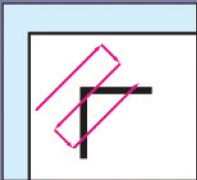


# Flatbed Cutting Plotter FC4500 Series

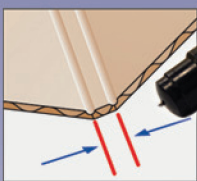
Advanced Flatbed Cutting Plotter Technology:  
For Cutting, Creasing & Scoring Applications



Making A Lasting Impression!™



• Includes Graphtec's **ARMS** (Advanced Registration Mark Sensing) System—for Contour Cutting



• New Tool Lineup supports cutting of thick media & cardstock

• Dual Tool Holder for cutting & creasing during the same run

• Two flatbed sizes:

FC4500-50 (23.2" x 16.9")

FC4510-60 (33.8" x 23.6")

• Max high pressure of 600gf for cutting & creasing of thicker materials

• Max Speed of 29.5 inches per second

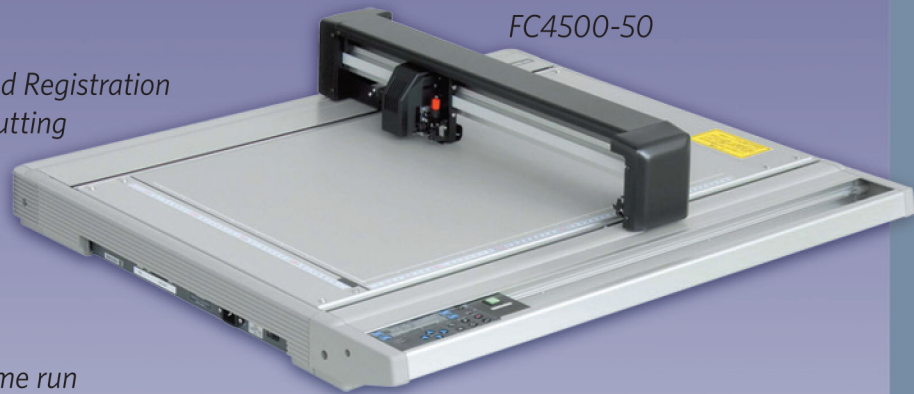
• Achieves the best-in-class cost performance

• Advanced reverse-side cutting/creasing function

• Includes Graphtec's Cutting Master 2 Plug-in software to Adobe Illustrator® (Mac & PC) & CorelDraw® (PC only)

• Includes Graphtec's D-Cut Master Software (PC only)

• USB 2.0

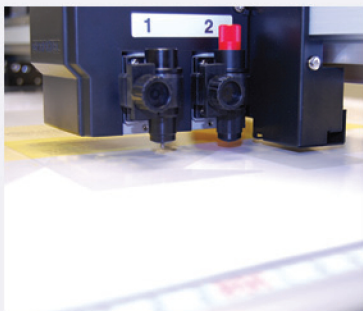


FC4500-50



FC4510-60  
(shown with optional stand)

**The perfect solution for package prototyping, sandblast mask, stencils, patterns and more.  
(ARMS) — for contour cutting**



### 600 gf Cutting Force

- Sandblast rubber for masonry and sign templates
- Thick, stiff card for shoe-making CAD applications

### Tool Carriage Holds 2 Tools

- Pen Plot before cutting
- Cut
- Crease

### Specifications

Model	FC4500-50	FC4510-60
Maximum Cutting Area	23.2 in x 16.9 in (590 mm x 430 mm)	33.8 in x 23.6 in (860 mm x 600 mm)
Mountable Media	19.6 in (500 mm) (Y-axis direction)	26.2 in (666 mm) (Y-axis direction)
Media Hold-Down Method	Electrostatic adhesion or Adhesive sheet	Adhesive mat or Adhesive sheet
Maximum Cut Speed	29.5 in/s (750 mm/s) (1 to 75 cm/s in 23 steps)	
Cutting Force	<b>Tool 1:</b> Max. 600 gf in 48 steps <b>Tool 2:</b> Max. 300 gf in 30 steps	<b>Tool 1 and Tool 2:</b> Max. 600 gf in 48 steps
Mechanical Resolution	0.0002 in (0.005 mm)	
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), Stiff paper/card (for stencils, etc.) up to 0.5 mm thick *2 Polystyrene foam sheets up to 0.8 mm thick *3, Sandblast rubber sheets up to 1.0 mm thick *3 Microflute board (F/G grades), Clear sheets for plastic boxes, High-intensity reflective film *4	
ARMS	<b>(Advanced Registration Mark Sensing System)</b> , 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 Tools Simultaneously	
Tool Types Cutter Blade, Creasing, Pen	Cutter blade: supersteel Pens: Water-based fiber-tip pen, oil-based ballpoint pen Creasing/scoring tool	
Unit Dimensions	33.7 x 30.7 x 7.9 in	46.1 x 37.9 x 7.9 in
Shipping Weight	59 lbs	82 lbs
Warranty	1 Year Parts & Labor Plus 1 Additional Year after online registration @www.graphtecamerica.com	

\*2 The CB15U or CB15U-K30 cutter blade is used.

\*3 The CB15U-K30 cutter blade is used.

\*4 The CB15UA cutter blade is used.

### Flatbed Configuration Cuts Media Unable To Hold With A Grit-Rolling Cutter

- Media that doesn't have a backing sheet
- Stiff, rigid card that cannot be bent
- Thick sandblast rubber

### ARMS (Auto Registration Mark Sensor)

- Contour Cut pre-printed graphics for magnetic sheets, decals/stickers, packaging designs

### Included Standard Accessories

Item	Description	Q'ty
Power Cable		1
Blade Holder	PHP32-CB15N-HS	1
Cutting Blade	CB15U-2 (2 blades per pack)	1 pack
Pen	Water based fiber-tip: KF552-BK, Black	1
Creasing Tool	CP-001, For FC4510-60 only	1
Adhesive Mat	CM-0002 (2 sheets per pack), For FC4510-60 only	1 pack
Adhesive Sheet	CM-0003 (2 sheets per pack)	1 pack
Media Positioning Plate		2
USB Cable	High-Speed 2.0, 9.5' (2.9 m)	1
CD-ROM	User's Manual, Windows Driver, Cutting Master	1
CD-ROM	D-Cut Master software	1
D-Cut Master Guide		1
Quickstart Guide		1

### Other Accessories

Item	Description	Part #
Adhesive Hold Down Mat	For FC4510-60	CM-0002
Adhesive Hold Down Sheet	For FC4510-60	CM-0003
Optional Stand	For FC4510-60	ST0032
10 ft Serial Cable 9-25	RS-232-C	56040-001
25 ft Serial Cable 9-25	RS-232-C	56040-006
Creasing Tool*	For FC4500-50	CP001

\*Standard with the FC4510-60

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