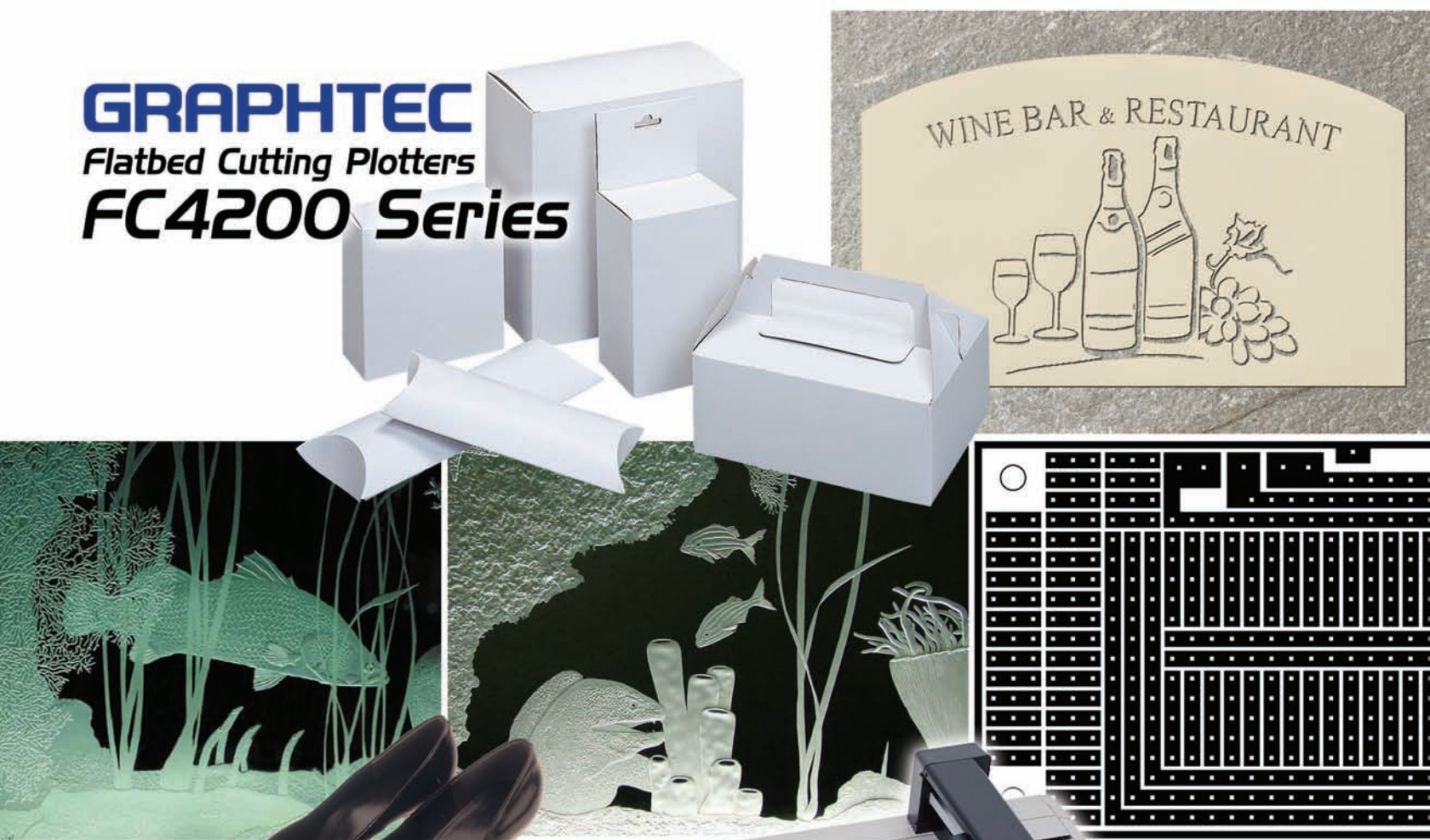


GRAPHTEC

Flatbed Cutting Plotters

FC4200 Series



Cutting
Creasing
Versatile
Fast
Quiet

A1 Size
FC4200-60

A2 Size
FC4200-50

Essential Tool for Design & Production

Packaging Mock-ups—chip board, cardboard

Sandblast Templates—monument, glass, stone

Labels, Decals, Magnetics & Thermal Transfer

CAD Shoe & Apparel Patterns

Electronic Prototyping

Stencils

graphtec
graphtec
GRAPHTEC
GRAPHTEC
GRAPHTEC

• **Flatbed configuration cuts media that you can't use with a grit-rolling cutting plotter**

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

• **Pen carriage holds a plotting pen as well as a cutter**

The pen carriage holds a plotting pen as well as a cutter so that you can draw a test plot prior to cutting without the need to exchange pens.

• **600 gf cutting force makes easy work of thick, hard materials**

- Sandblast rubber for masonry and sign templates
- Thick, stiff card for shoe-making CAD applications
- Stencil card for spraypainting labels on oil drums

Specifications

Model	FC4200-50	FC4200-60
Configuration	Flatbed	
Drive	Digital servo system	
Effective cutting area	590 x 430 mm	910 x 610 mm
Maximum loadable film width	500 mm	666 mm
Medium hold-down surface	Electrostatic adhesion sheet	Polyvinyl sheet
Maximum cutting speed	650 mm/second	
Settable cutting speeds	1 to 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65 cm/s	
Cutting force	10 to 600 gf	
Minimum character size	5 mm ² (alphanumeric characters, but depends on material and font selected)	
Mechanical resolution	0.005 mm	
Programmable resolution	GP-GL: 0.1, 0.05, 0.025, 0.01 mm; HP-GL™*1 : 0.025 mm	
Repeatability	Within 0.1 mm*2	
Distance accuracy	Within ±0.2% of the distance moved or ±0.1 mm, whichever is greater*2	
Perpendicularity	Within 0.3 mm/430 mm	Within 0.4 mm/610 mm
Registration mark reading accuracy	Within 0.3 mm*3	
Number of cutters/pens	Two (one cutter and one pen)	
Cutter and pen types	Cutter blade: supersteel Pens: Water-based ballpoint, oil-based ballpoint	
Media types	Marking film (self-adhesive, fluorescent, and reflective vinyl) Stiff paper/card (for stencils, etc.) up to 0.5 mm thick*4 Compressed foam sheets up to 0.8 mm thick*5 Sandblast rubber up to 1.5 mm thick*5 High-intensity reflective film*6	
Interfaces	RS-232C serial and Centronics parallel (auto interface recognition)	
Buffer capacity	2 MB	
Command sets	GP-GL and HP-GL™ emulation (control panel-selectable)	
LCD display	20 characters x 2 rows	
Power requirements	100 to 120 VAC, 50/60 Hz; 220 to 240 VAC, 50 Hz (specify when ordering)	
Power consumption	Within 120 VA	
Operating environment	+10 to +35°C, 35 to 75% RH (non-condensing)	
External dimensions (mm), approx.	857 (W) x 780 (D) x 200 (H)	1172 (W) x 964 (D) x 200 (H) *7
Weight (approx.)	19 kg	26 kg*7

*1 HP-GL is a trademark of Hewlett-Packard Company

*2 When using Graphtec-specified media and conditions

*3 When plotting the built-in test pattern using a water-based ballpoint pen on plain paper

*4 Use the CB15U or CB15U-K30 blade

*5 Use the CB15U-K30 blade

*6 Use the CB15UA blade

*7 Optional stand not included

Standard accessories

Power cable	1
Cutter holder (PHP32-CB15N)	1
Cutter blades (CB15U, 2 blades per pack)	1 pack
Water-based ballpoint pens, one pack of five pens (KB540-S1)	1 pack
Media positioning stickers	1 sheet
User's manual (FC4200-UM-152)	1
Windows driver (OPS628)	1

Option

ST0032	Stand for FC4200-60
--------	---------------------

Brand names and product names listed here are the trademarks or registered trademarks of their respective owners. Specifications are subject to change without notice.

GRAPHTEC

GRAPHTEC AMERICA, INC.

1251 East Dyer Rd., Ste. 110, Santa Ana, CA 92705

Tel Toll Free: 800.854.8385

Fax: 949.855.0895

cp.sales@graphtecusa.com

Website

<http://www.graphtecamerica.com>

