

Parameter	FC4200-50	FC4200-60
Configuration	Flatbed	
Drive	Digital servo system	
Effective cutting area	590 x 430 mm	910 x 610 mm
Max loadable film width	500 mm	666 mm
Medium hold-down surface	Electrostatic adhesion sheet	Polyvinyl sheet
Max cutting speed	650 mm/s	
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(TM): 0.025 mm *1	
Repeatability	Within 0.1 mm *2	
Distance accuracy	Within $\pm 0.2\%$ of the distance moved, or ± 0.1 mm, whichever is greater *2	
Perpendicularity	Within 0.3 mm/430mm	Within 0.4 mm/610mm
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 films (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(TM) 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 (please specify when ordering)	
Power consumption	Within 120 VA	
Operating environment	+10 to +35° C, 35 to 75% RH (non-condensing)	
External dimensions W x D x H (approx.)	857 x 780 x 200	1172 x 964 x 200
Weight (approx.)	19 kg	26 kg *7

*1 When operated with Graphtec specified media and conditions

*2 HP-GL is a registered trademark of Hewlett-Packard Company

*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-151)	1
Windows driver (OPS628)	1