

Model		FC8000-60	FC8000-75	FC8000-100	FC8000-130	FC8000-160
CPU		32-Bit				
Configuration		Digital Servo Friction feed with MicroGritroll™ drive				
Max. cut width (expanded mode)		610 mm (24 in)	762 mm (30 in)	1067 mm (42 in)	1372 mm (54 in)	1626 mm (64 in)
Mountable media	Max. width	770 mm (30.3 in)	920 mm (36.2 in)	1224 mm (48.2 in)	1529 mm (60.2 in)	1850 mm (72.8 in)
	Min. width	50 mm (2 in)				
Max. cross cut area		734 mm (28.9 in)	886 mm (34.9 in)	1191 mm (46.9 in)	1496 mm (58.9 in)	1750 mm (68.9 in)
Max. cutting speed (Axial)		1485 mm / sec (58.5 in/s) at a 45°angle				
Max. axial acceleration		4.0 G (39.2 m/s ²)				
Cutting pressure		20 g to 600 g (0.196 N to 5.88 N) in 48 steps				
Min. character size *1		3 mm (0.125 in) alphanumeric Helvetica med. Font				
Mechanical resolution		0.005 mm (0.0002 in)				
Programmable resolution		GP-GL : 0.1 / 0.05 / 0.025 / 0.01 mm , HP-GL™ : 0.025 mm				
Repeatability *2		Max. 0.1 mm / 2 m (0.0039 in / 80in)				
Tools		Accepts (1) cutting blade, (1) plotting pen, or (1) pouncing tool ; Second penholder (optional)				
Blade types		Supersteel (0.9 mm or 1.5 mm), Sapphire(1.5 mm)				
Pen types		Water-based fiber-tip, oil-based ballpoint, and disposable ink pens				
Pouncing tool type		Requires optional pouncing tool : (PPA33-TP12, 1.2-mm pin diameter)				
Media types		Self-adhesive vinyl film, diamond grade, fluorescent film, reflective film, Amberlith™ , Rubylith™ , window film, high-intensity reflective film*3 , paint protection film, up to 0.25 mm tick , sandblast resist rubber up to 1 mm thick, etc.				
Compatible paper for pouncing		Regular paper from 0.06 to 0.13 mm thick				
Standard interfaces		RS-232C / USB2.0 (Full speed) Option:Ethernet (10 BASE-T / 100 BASE-TX)				
Buffer memory		2 MB				
Command sets		GP-GL / HP-GL™ *4				

LCD display Graphic type	3 inches LCD backlight type				
Power supply	100 to 240 VAC/50 to 60 Hz (Auto switching)				
Power consumption	160 VA max.				
Operating environment	Temperature: +10°C to +35°C				
	Humidity: 35 % to 75 % (non-condensing)				
Guaranteed accuracy environment	Temperature: +16°C to +32°C				
	Humidity: 35 % to 70 % (non-condensing)				
External dimensions (W x D x H) including stand *5	1128 x 715 x 1219 mm	1278 x 715 x 1219 mm	1578 x 715 x 1219 mm	1878 x 715 x 1219 mm	2138 x 715 x 1219 mm
	44.4 x 28.1 x 48 in	50.3 x 28.1 x 48 in	62.1 x 28.1 x 48 in	73.9 x 28.1 x 48 in	84.2 x 28.1 x 48 in
Weight including stand	38 kg (83.8 lbs)	42 kg (92.6 lbs)	46 kg (101.4 lbs)	54 kg (119 lbs)	59 kg (130 lbs)
Compatible OS	Windows 2000 / Windows XP / Windows Vista Macintosh OS 10.2 or later				
Certifications	UL, cUL, CE marking, RoHS, China RoHS				

*1 The CB15UB cutter blade is recommended when cutting characters which size is 10 mm or smaller.

*2 When operated with Graphtec specified media and conditions.

*3 The CB15UA cutter blade and a reinforced backing sheet must be used when cutting high-intensity reflective film.

*4 HP-GLTM is a registered trademark of Hewlett-Packard Company.

*5 Tolerance : +/- 5 mm