FineCut/Coat9 for Illustrator®
FineCut/Coat9 for CorelDRAW®

It is downloadable from our website for your convenience!

Plug-in software for Illustrator and CorelDRAW — Standard feature

The combination of FineCut/Coat9 and a register-mark sensor allows calibrated inclination of coordinates or distance to assure accurate cutting. The [Mark separation] function can also handle long media by cutting it multiple times.

〈Main features〉
- Direct and simple cutting from Illustrator and CorelDRAW
- [Multiple Cutting] function cuts the same place with different conditions such as pressure.
- [Line Separation] function prevents over-cutting of media.
- ID Cut auto-starts cutting after reading cut data during Print&Cut operation.

Four register marks making by [Creating Register Marks] function → **Print** → Loading the register marks by CF22 for Print & Cut → **Cut** → **Finish**

Flatbed Cutting Plotter
CF22-1225
Mimaki™

Print&Cut, the optimal cooperated performance

■Specifications

Item		CF22-1225
Effective plotting area		2,500×1,220mm (98.4x48.0 in)
Max. Media size to be set		2,600×1,360mm (102.4x53.5 in)
Motorization		X/Y/Z/Θ axis : DC servo motor
Maximum plotting speed		55cm / sec
Cutter head type		For Industrial : T/TF/RT head
		For Package : TD/RC head
Cutting pressure		Eccentric cutter : 20 to 400g Low pressure tangential : 300 to 1,500g
		High pressure tangential : 1,000 to 5,000g
		Creasing roller : 1,000 to 5,000g
Static accuracy	Repetition accuracy	±0.1mm
	Distance accuracy	±0.1mm or ±0.1% of movement distance, whichever is greater
	Origin reproducibility	±0.1mm or less
	Perpendicularity	±0.7 / 2500mm
Work fixation		Vacuum suction by blower
Receiving buffer capacity		27MB (17MB while sorting)
Command		MGL-IIc3
Interface		USB 2.0 (Full Speed), RS-232C, Ethernet
Safety standard		VCCI-class A, FCC-class A, UL60950-1, CB Report (EN60950)
		CE Marking (Machinery), RoHS, REACH
Operational environment	Temperature	5 to 40 degC
	Humidity	35 to 75%RH (Non condensing)
	Accuracy guaranteed temperature	20 to 25 degC
	Temperature gradient	±10 degC / h or less
Power		Single phase AC100V to 240V
Power consumption		300W
Outer dimension (W×D×H)		RC / RT head : 3,160x1,930x1,200mm (124.4x76.0x47.2in)
		T / TD / TF head : 3,160x1,930x1,150mm (124.4x76.0x45.3in)
Weight		230kg (507.1lb) (RC-S head)

* Specifications, designs and dimensions stated in this list may be subject to change without notice due to technical improvement etc.

■Available materials

● : Available to cut with standard accessories
△ : Available to cut with optional tool

Material	Head type T	TF	RT	TD	RC
Corrugated board (E to B flute) *				●	●
Corrugated board (A/B flute) *					●
Coated board for packaging *				●	●
Vinyl chloride for clear package *				●	●
Corrugated plastic				●	●
Vinyl chloride sheet for signboard	●	●	●	●	●
Reflecting sheet	●	●	●	●	●
Joint sheet (0.4 to 3.0 mm)			●		
Sand-blasting rubber	●	●	●	●	●
Industrial sheet rubber (3mm or less)	●	●	●	●	△
Pattern Happort (PVC mount for pattern)	●	●	●	●	●
Teflon (1.0 to 5.0mm)		●			
Resin belt (5.0 mm or less)	●	●			
Foamed material (20mm or less)				●	
Foamed material (10mm or less)					●

The above table is for the references, as materials are different depending on manufacturers.
Please make sure to have a preliminary test.
The material marked with (*) is available with creasing roller, too.

■Option & Supply List

■ : Standard Supply ○ : Optional item

Item	Item No.	T	TF	RT	TD	RC	Remark
Swivel cutter holder	SPA-0001	■	■	■	■	■	3 pcs./set
Swivel blade for vinyl sheet	SPB-0001	■	■	■	■	■	3 pcs./set
Swivel blade for small letters	SPB-0003	○	○	○	○	○	3 pcs./set
Swivel blade for rubber sheet	SPB-0005	○	○	○	○	○	3 pcs./set
Swivel blade for reflective sheet	SPB-0006	○	○	○	○	○	2 pcs./set
Swivel blade for fluorescent sheet	SPB-0007	○	○	○	○	○	3 pcs./set
Cutter holder 4N	SPA-0053	■	■	■	■	○	
High-speed steel blade 30°	SPB-0043	■	■	■	■	○	40 pcs. x 5 c/s
High-speed steel blade 45°	SPB-0044	○	○	○	○	○	3 pcs./set
Carbide blade 30°	SPB-0045	■	■	■	■	○	3 pcs./set
Carbide blade 30°DLC	SPB-0080	○	○	○	○	○	3 pcs./set
Carbide blade 45°	SPB-0046	○	○	○	○	○	3 pcs./set
Carbide blade 45°DLC.	SPB-0081	○	○	○	○	○	3 pcs./set
Cutter holder 2N	SPA-0113			○		■	
High-speed steel blade 30°	SPB-0043			○		■	40 pcs. x 5 c/s
Carbide blade 30°	SPB-0045			○		■	3 pcs./set
Carbide blade 30°DLC	SPB-0080			○		○	3 pcs./set
Cutter holder 7N	SPA-0054	○	■	○	○	○	
High-speed steel blade 30° 7mm	SPB-0048	○	■	○	○	○	15 pcs. x 5 c/s
Cutter holder RN	SPA-0055	○	○	○	○	○	
Titanium coated double-edged blade	SPB-0009	○	○	○	○	○	1 pc.
Cutter holder JN	SPA-0061	○	■	○	○	○	
Carbide double-edged blade	SPB-0031	○	■	○	○	○	2 pcs./set
Cutter holder 10N	SPA-0077	○	○	■	○	○	
Carbide design blade 30°	SPB-0051	○	○	■	○	○	3 pcs./set
Joint sheet carbide blade	SPB-0063	○	○	○	○	○	3 pcs./pack
Cutter holder 06(S)	SPA-0251				■		
Carbide blade 2°	SPB-0064				■		5 pcs./set
Cutter holder 07	SPA-0114				■		
20mm blade	SPB-0055				■		10 pcs./set
Carbide blade 17°	SPB-0065				■		5 pcs./set
Carbide blade 17°DLC	SPB-0083				○		5 pcs./set
Cutter holder 08x15	SPA-0170				○	○	
Carbide blade 7x15	SPB-0075				○	○	For rubber up to 15mm thickness
Cutter holder 09x5	SPA-0179				○	○	
Carbide blade 25x5	SPC-0077				○	○	5 pcs./set
Carbide blade 25x5 DLC	SPB-0078				○	○	5 pcs./set
Carbide blade 25x5 F DLC	SPB-0079				○	○	5 pcs./set
Creasing roller DN	SPA-0056				■	○	For E corrugated board
Creasing roller CN	SPA-0057				■	○	For coated board
Creasing roller PN	SPA-0058				○	○	For pleat work
Creasing roller EN	SPA-0067				○	○	For E/B corrugated board
Creasing roller YN	SPA-0124				○	■	For general corrugated board
Pen holder	SPA-0183	■	■	■	■	■	
Ball point pen spare	SPC-0726	■	■	■	■	■	10 pcs./set
Pen holder	SPA-0068	○	○	○	○	○	For N-5200
Mark chip	SPC-0469	○	○	○	○	○	40 pcs./set
Felt mat for CF22-1225 Reciprocating cutter	SPC-0835				○		Exclusively for CF22-1225
Vacuum unit	OPT-C0199	○	○	○	○	○	120V, 0.51/0.7kw, filter separately available
Vacuum unit	OPT-C0200	○	○	○	○	○	220V, 0.51/0.7kw, filter separately available
Vacuum unit	OPT-C0201	○	○	○	○	○	240V, 0.51/0.7kw, filter separately available
Vacuum unit	OPT-C0205	○	○	○	○	○	120V, 0.38kw, filter separately available
Vacuum unit	OPT-C0206	○	○	○	○	○	220V, 0.25/0.38kw, filter separately available
Vacuum unit	OPT-C0207	○	○	○	○	○	240V, 0.25/0.38kw, filter separately available
Blade tip adjuster (For swivel cutter)	OPT-C0066	○	○	○	○	○	Dial type
Blade tip adjuster II (For tangential cutter)	OPT-C0237	○	○	○	○	○	Dial type

Since electrical work may be necessary, please consult in advance.

More simple, more accurate
Cutting plotter with enhanced
Print & Cut cooperation

More simple, more accurate
CF22-1225 is a cutting plotter based on cooperation with printer focusing to enhancement of usability.

CUT

CF22·1225

CF22-1225 is omnipotent to be capable of cutting coated cardboard / corrugated cardboard, marking their gauge for folding, and also reciprocating cutting foam materials used as cushions for those cartons. Selectable cutter head types are prepared for various industrial materials cutting.
Cut in the range of 2500 mm x 1220 mm is possible.

Vacuum unit / Adsorption area control

Vacuum ON / OFF can be easily done with the operation panel.
Control of adsorption area in 4 divisions is possible by opening and closing the 4 suction valves.

PRINT & CUT

JFX200-2513   **PRINT**

It is a flatbed inkjet printer applied UV curing ink. Printable area is 2,500 x 1,300mm to be available to print directly on 4x8 (1,220 x 2,440mm/4x8ft) sized media, too. The available media thickness is up to 50mm.

Suggestion of total in-store decoration

By combining Mimaki printer with CF22-1225 and a CAD software [ArtiosCAD DS], the total creation of packages, furniture and cushioning materials is possible. On-demand production can reduce cost and lead time of work.
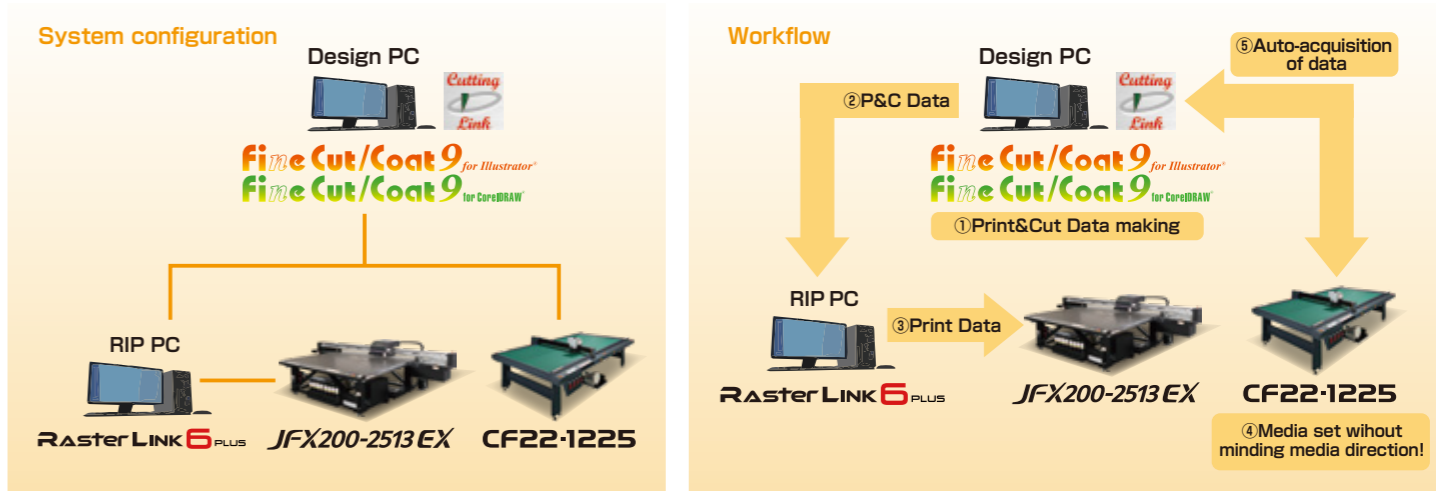
① **Package**
(UV printer x CF22 x CAD)

② **Cushioning material**
(UV printer x CF22)

③ **Furniture**
(UV printer x CF22 x CAD)

④ **Poster**
(UV printer x CF22)

⑤ **Cut-out panel**
(UV printer x CF22)

⑥ **POP**
(UV printer x CF22)

⑦ **Life-sized panel**
(UV printer x CF22)

⑧ **Hanging signboard**
(UV printer x CF22)

PRINT & CUT With the original function ID-cut, smoothly 'Print & Cut' operation !
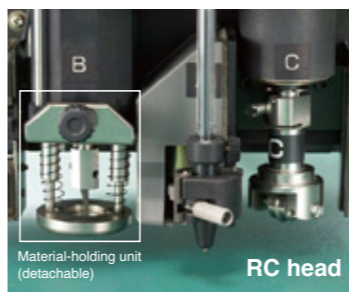
POINT **What is ID-cut ?**
There is no need to select the cut data when cutting of printed materials.
In case of cutting variable printing, it is started automatically after loading the registration mark.

System configuration

Design PC — Cutting Link — Fine Cut/Coat 9 for Illustrator / Fine Cut/Coat 9 for CorelDRAW

RIP PC — RasterLink 6 PLUS — JFX200-2513 EX — CF22·1225

Workflow

⑤ Auto-acquisition of data
Design PC — Cutting Link
② P&C Data
① Print&Cut Data making
RIP PC — RasterLink 6 PLUS
③ Print Data → JFX200-2513 EX — CF22·1225
④ Media set wihout minding media direction!

Easy making of package and POP furniture

Ideal for short-run production of fancy box, POP furniture, etc.

● Possible to perform an on demand production quickly responding to an order even as small as 1 piece.
● You can perform from sample making to short-run production, as you like.
● Mark sensor function enables you to make precise contour cutting of printed materials.
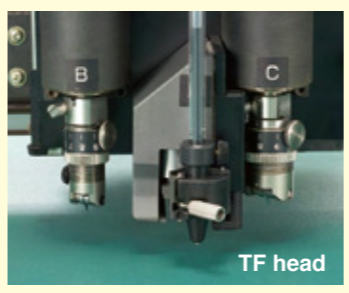● Creasing tool produces optical creases in carton and corrugated board.

Material-holding unit (detachable)   **RC head**

Cutter head for package and POP furniture

Head types	Tool station	Tool types	Pressure	Remarks
TD	A	Pen/Eccentric cutter	20~400g	
	B	Tangential cutter	300~1,500g	
	C	Creasing roller	1,000~5,000g	
RC	A	Pen/Eccentric cutter	20~400g	
	B	Reciprocating cutter	Fixed at 1,500g	Amplitude 2 mm Maximum vibration frequency 7000 times
		Tangential cutter	500~1,500g	
	C	High pressure tangential cutter	1,000~5,000g	
		Creasing roller		

Coated cardboard   Corrugated cardboard

Toys   Package / POP

Cutting of industrial materials is as well applicable.

Three types of cutter head are ready to widely apply to cut industrial materials of acrylic, rubbers etc.
The most suitable one for your application can be chosen.

Cutter head for industrial materials cutting

Head types	Tool station	Tool types	Pressure	Remarks
T	A	Pen/Eccentric cutter	20~400g	
	B	Tangential cutter	300~1,500g	
TF	A	Pen/Eccentric cutter	20~400g	
	B	Tangential cutter	300~1,500g	
	C	High pressure tangential cutter	1,000~5,000g	
RT	A	Pen/Eccentric cutter	20~400g	
	B	Reciprocating cutter	Fixed at 1,500g	Amplitude 5 mm Maximum vibration frequency 5000 times
		Tangential cutter	500~1,500g	
	C	Tangential cutter	300~1,500g	

TF head

Joint sheet   Foamed material

Resin belt etc.   FPC PCB