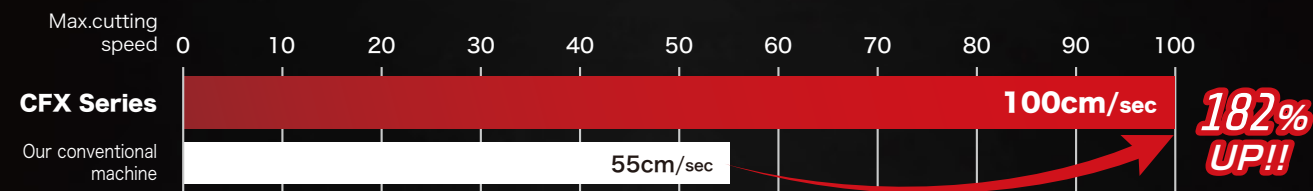


key 01 **Highest cutting speed in its class**

Achieves a maximum cutting speed of 100 cm/sec, which is suitable for high-end machines (approximately double that of our conventional machines)

Give a shape to your ideas right away. It contributes to the efficiency of your cutting business.



key 02 **High-quality V-cut**

The height accuracy of the entire table is automatically scanned at the time of installation and tracked during cutting.

V-cut quality is uniform across the entire work table with a maximum length of 5 m.

※The images are for illustrative purposes only. Some designs may differ from the actual product, but there is no difference in product specifications.



Expandable after installation

key 03 **3 table sizes in line-up**



Sign display standard size 4x8 board  
Maximum cutting size 1,300mm x 2,540mm

**CFX-2513**



Toggle cutting of 4x8 plates greatly improves processing efficiency  
Maximum cutting size 3,190mm x 2,540mm

**CFX-2531**



Processing of sign banners and packages up to 5m long  
Maximum cutting size 5,080mm x 2,540mm

**CFX-2550**

Line up

■Supply List

Tool	Product name	Number	Features	Remarks
Flat blade tool FBT	T04 Holder (Included with a tool)			
	High-speed steel blade 30"	SPB-0043	Blade thickness 0.4mm / Suitable for relatively soft materials.	40 sheets x 5 cases
	High-speed steel blade 45"	SPB-0044	Blade thickness 0.4mm /Materials: natural rubber, CR rubber, NBR rubber, silicon rubber, urethane rubber, cloth-filled rubber, rubber-filled cork, synthetic leather	3 pieces
	Carbide blade 30"	SPB-0045	Blade thickness 0.4mm / Ideal for cutting relatively hard materials and cutting that requires machining accuracy.	3 pieces
	Carbide blade 30"DLC	SPB-0080	Applied a diamond coating on SPC-0045 to improve durability.	3 pieces
	Carbide blade 45"	SPB-0093	Blade thickness 0.4mm / Ideal for cutting relatively hard materials and cutting that requires machining accuracy.	3 pieces
	Titanium coated blade 30"	SPB-0047	Blade thickness 0.4mm / Ideal for cutting materials that require more durability than carbide blades.	1 pieces
	T06 Holder (Included with a tool)			
	Carbide design blade 30"	SPB-0051	Carbide blade capable of cutting materials up to 0.6mm / 10mm blade thickness.	3 pieces
	Joint sheet carbide blade	SPB-0063	Carbide blade for joint sheets, capable of cutting up to 10 mm material.	3 pieces
Reciprocating tool	Reciprocating cutter blade holder S06	SPA-0343		
	Carbide blade 2"	SPB-0064	Blade thickness 0.6mm / Reciprocating cutter blade developed mainly for cutting foam, suitable for cutting foam up to 20mm.	5 pieces
	Carbide blade 7x15	SPB-0075	Cutting blade for rubber can cut up to 15mm.	5 pieces
	Reciprocating cutter blade holder M06	SPA-0344		
	20mm blade	SPB-0055	Blade thickness 0.6mm / Reciprocating cutter blade developed mainly for cutting corrugated board, suitable for cutting up to AB level.	10 pieces
	Carbide blade 17"	SPB-0065	Blade thickness 0.6mm / Durable reciprocating cutter blade developed mainly for cutting corrugated board, suitable for cutting up to AB level.	5 pieces
	Carbide blade 17"DLC	SPB-0083	Durable reciprocating cutter blade developed mainly for cutting corrugated board, suitable for cutting up to AB level.Diamond coating is applied to SPB-065 to improve durability.	5 pieces
	Reciprocating cutter blade holder L10	SPA-0345	Reciprocating cutter developed for hard gaskets with a blade thickness of 0.6 mm / 3 mm or less, allowing cutting up to 5 mm thick.	
	Carbide blade 25x5	SPB-0077	Reciprocating cutter developed for hard gaskets with a blade thickness of 0.6 mm / 3 mm or less, allowing cutting up to 5 mm thick.	5 pieces
	Carbide blade 25x5_DLC	SPB-0078	Diamond coated blade thickness 0.6mm / SPB-0077 Improved durability.	5 pieces
	Carbide blade 25x5 F DLC	SPB-0079	Based on SPB-0077 with a blade thickness of 0.6 mm and a flat blade of 0.8 mm at the tip. It is diamond coated to prevent burrs from forming.	5 pieces
	Reciprocating cutter blade holder S10	SPA-0346		
	40mm blade (Carbide)	SPB-0056	Blade thickness 1.0 mm / Reciprocating cutter blade developed mainly for cutting foam, suitable for cutting foam up to 20 mm.	5 pieces
	S10 Reciprocating cutter carbide 2"x50mm	SPB-0094	Reciprocating cutter blade capable of cutting materials up to 1.0 mm / 54 mm blade thickness.	5 pieces
	S10 Reciprocating cutter carbide 2"x20mm	SPB-0097	Reciprocating cutter blade capable of cutting materials up to 20 mm. Cutting corrugated board at 10 cm/s with E35.	5 pieces
V-cut tool V45 / VAS	V-cut blade	SPB-0095	Cutter blade developed for V-cut. It can be used for both 45/VAS and media up to 20 mm.	1 pieces
—	5.5kW/6.3kW vacuum unit	OPT-C0249	One unit for CFX-2513 and two units for other sizes must be purchased separately. Hose, power cable, and connection cable to the CFX main unit are included.	1 set
	Camera Unit	OPT-C0252	Required for cutting with registration marks or cutting reverse side of pre-printed materials. Included in all standard tool set models.	1 set
	Felt mat 2513	SPC-0924	Replacement felt mat for the front side of the processing table in sizes 2513, 2531, and 2550.	1 sheet
	Felt mat For additional table	SPC-0925	Replacement machining table felt mat, for use on all machining tables except the front side of sizes 2531 and 2550.	1 sheet

■Main Specifications

Items	CFX-2513	CFX-2531	CFX-2550
Valid plotting area [X axis x Y axis]	1,300x2,540mm	3,190x2,540mm	5,080x2,540mm
Settable material size [X axis x Y axis]	1,890x2,570mm	3,780x2,570mm	5,670x2,570mm
Driving system	X/Y axis : AC servo Z/θ axis : DC servo		
Max. plotting height (Clearance at tool rise)	E12/E35/ E60 : 54mm	V45/VAS : 20mm FBT : 10mm C16/C26 : 54mm C60 : 20mm	
Max. material weight (no concentrated load)		50kg/ m <sup>2</sup> or less	
Command	MGL-3C ※HPGL standard		
Receiving buffer size	22MB (16MB when sorting is active)		
Interface	RS-232C / Ethernet		
Safety standards	VCCI classA, FCC classA, CE Marking, CB Report (EN62368) , UL62368-1, Machine directive, RoHS, REACH		
Power Specifications	CFX body : Single phase 200V~240V 50/60Hz 12A or less Vacuum unit OPT-C0249 : Three phase 200V~240V 50/60Hz 30A or less (per one unit)		
Power consumption	CFX body : 2,880W or less		
Outer dimensions [W×D×H]	4,050×2,150×1,500mm	4,050×4,050×1,500mm	4,050×5,950×1,500mm
Main unit weight	440kg	660kg	880kg
Installation environment	Operation temperature : 5°C~35°C Operation humidity : 35~75%Rh Accuracy Guaranteed Temperature : 20°C~25°C Operation humidity : 35~65%Rh Temperature Gradient : ±10°C/h or less		
Bundled software	FineCut/coat 9		

●Some of samples in this catalog are artificial renderings. ●Specifications, design and dimensions stated in this catalog may be subject to change without notice for technical improvements etc.●The corporate names and merchandise names written in this catalog are the trademark or registered trademark of the respective corporations.●Please note that descriptions and data in this catalog are as of February 2025.

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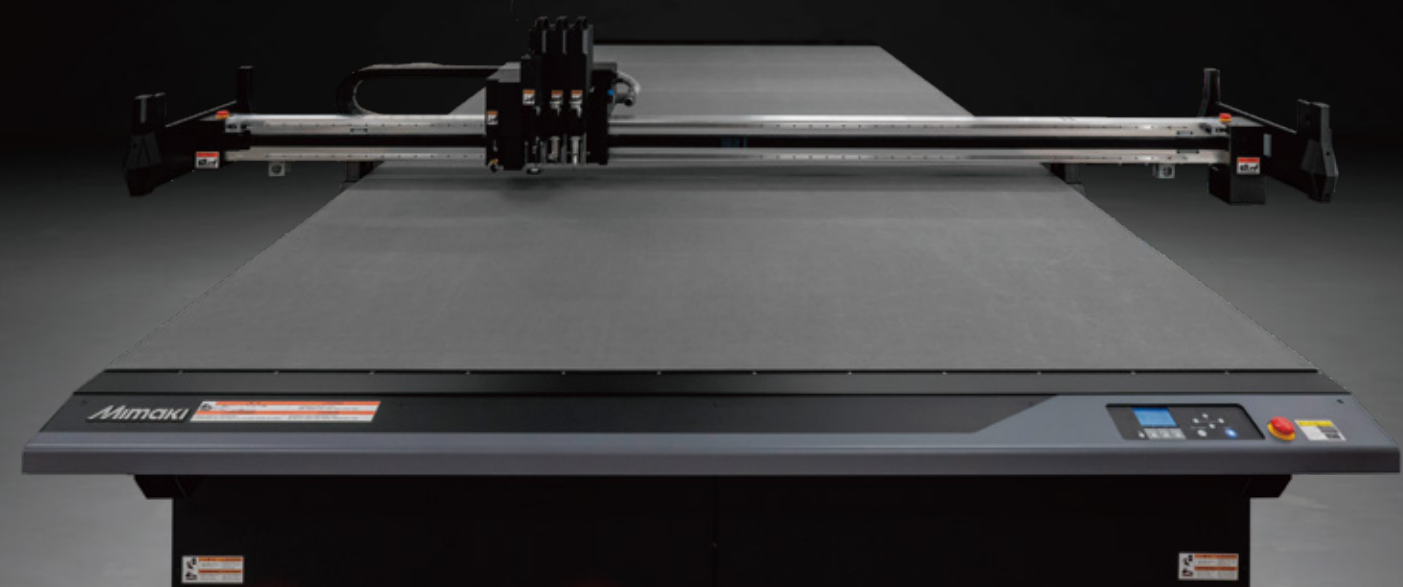


**CFX Series**  
*CFX-2513 / CFX-2531 / CFX-2550*

**Mimaki®**

High speed & acceleration, a cutting plotter of its highest class

*Creativity Defines the Use*



High-end level  
Max. speed  
**100cm/sec.\***

**V-cut  
& Router**  
Included,  
Total 10 tools line-up

Max.  
**4 Tools**  
Simultaneous  
mounting

Optional  
**Table-  
Extension**  
possible at any time

\*at specific cutting conditions





Key 04 **Max. pressure 30kg,  
2 types of cutting mode**

Switchable according to material  
and processing method  
Realizes high quality processing.

cut mode **A** **Position  
Control Mode**

Cutting of hard materials with a  
specified depth of cut.  
Also, the creasing line in the direction  
of the flow line of corrugated  
cardboard can be processed stably.

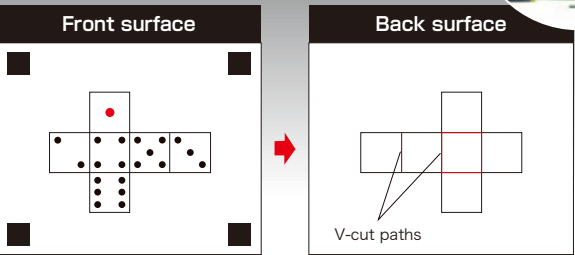
cut mode **B** **Pressure  
Control Mode**

Creasing line processing with  
specified pressure is also possible.  
Reduces ruled cracks and liner  
cracks in the width direction of  
softer corrugated board.

Key 05 **Can be cut from the back to  
match the print surface**

Camera unit (included in set-model 01~03)

Registration marks  
and the media edge detection  
Can cut the exact position from the back  
side of the print  
Provides high quality surface shape



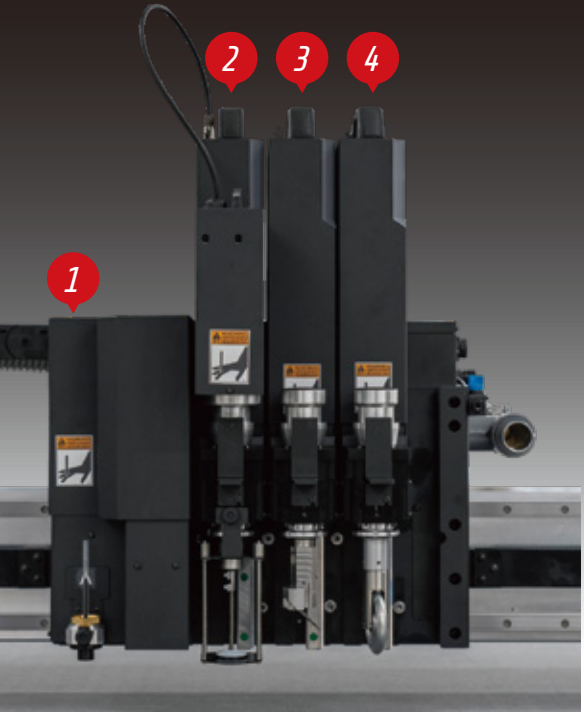
After detecting the printed marks and media edge, the back side is cut.

Key 06 **Up to 4 tools can be set at  
the same time.**

Enhanced processing efficiency  
and variation!

No need to change tools and make adjustments when cutting  
different materials in succession.

※Up to 3 types of processing tools can be selected in addition  
to the standard pen unit.



※④ is limited to the unit type and tools can be used.

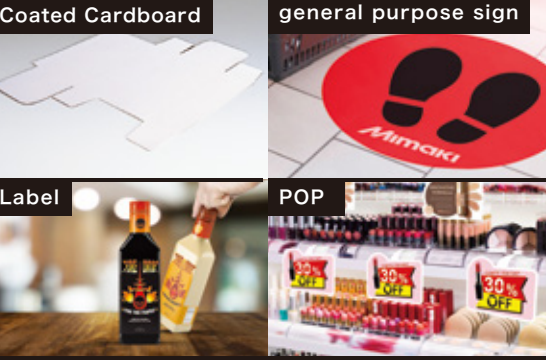
Standard  
**Tool Set-Model**

Set-Model 01 **IC-Model** **Model Code**  
CFX-TD1  
2513/2531/2550

Entry set model that allows maximize the  
use of minimal tools to start creating  
packages and general sign graphics



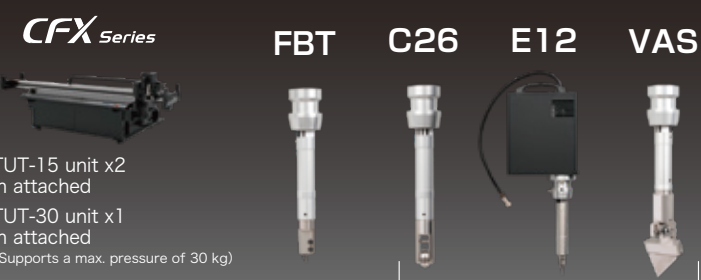
Application Examples



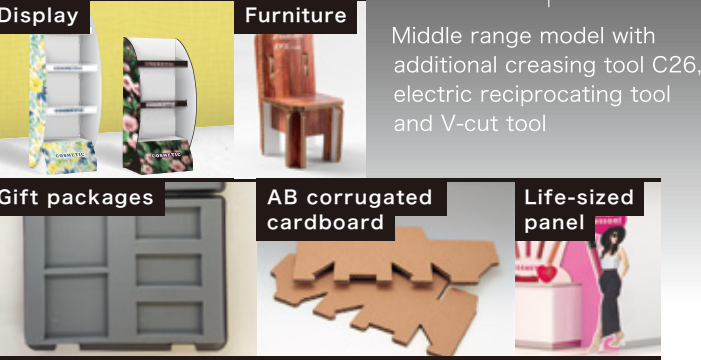
※Our flatbed printer is required to print the materials. (sold separately)

Set-Model 02 **EC-Model** **Model Code**  
CFX-TR1VAD2  
2513/2531/2550

With the addition of an electric reciprocator and  
V-cut, this set model supports overall packaging  
and fixture/display production by cutting various  
types of corrugated cardboards

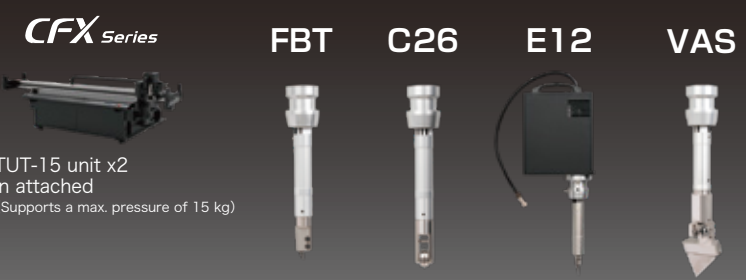


Application Examples



Set-Model 03 **LC-Model** **Model Code**  
CFX-TR1VAD2M  
2513/2531/2550

This set model supports the production of sign  
graphics in general, including cutting of acrylic  
and aluminum composite panel with the addition  
of a router unit (for milling).



Router  
unit

Application Examples

Channel sign



Aluminum composite  
panel cutting



Full-set professional model  
with additional router unit

Applicable Tool Type ✓ : applicable

Materials	Applications	Flat Blade Tool	Creasing Roller	Reciprocator	V-cut	Router (Milling)
Cardboard	Packages	✓	✓			
Film	Stickers, Labels	✓				
Foam board	Panels			✓		
Corrugated cardboard	Packages	✓	✓	✓		
	Fixtures & Displays		✓	✓	✓	
Compositepanel & Acrylic	Channel Signs					✓

Tool Mounting Unit

TUT-15 : Pressure 5~15kg  
TUT-30 : Pressure 15~30kg

Weight approx. 6kg



Tool List

Mounting Unit	Use the tool mounting unit depending on the material to be processed. TUT-15 : OPT-C0250 or TUT-30 : OPT-C0271 Included in each CFX package								For TUT-30
Tool Name	Electric reciprocating tools <b>E12</b>	Electric reciprocating tools <b>E35</b>	Electric reciprocating tools <b>E60</b>	V-cut tool <b>V45 Type-S</b>	V-cut tool <b>VAS Type-S</b>	Flat blade tool <b>FBT</b>	Creasing tools 16mm <b>C16</b>	Creasing tools 26mm <b>C26</b>	Creasing tools 60mm <b>C60</b>
Ite m codes	OPT-C0272	OPT-C0257	OPT-C0258	OPT-C0277	OPT-C0278	OPT-C0256	OPT-C0261	OPT-C0262	OPT-C0263
Tool Shape									
Max. material thickness	54mm	54mm	54mm	20mm	20mm	T04 holder : 4.0mm T06 holder : 6.0mm (Holder included with tool)	54mm (Recommend : ~3mm)	54mm (Recommend : ~5mm)	20mm (Recommend : ~15mm)
Weight	2.4kg	2.2kg	2.2kg	0.6kg	0.5kg	0.3kg	0.4kg	0.4kg	0.4kg
Features	Amplitude 1.2mm / Rotation speed 12000rpm, cuts foam board and other surfaces cleanly.	Amplitude 3.5mm / Rotation speed 5500rpm Cuts honeycomb boards cleanly	Amplitude 6.0mm / Rotation speed 5500rpm, Newly designed blade enables cutting of thick sponges	Used for V-cut with 45 degree angle	Variable angles in 5 positions without the use of special tools 0/15/22.5/30/45 degrees	Easy detachment of blades	Roller shaped tool for creasing thin coated balls	Roller shaped tool for creasing A type corrugated cardboard and polypropylene	Roller shaped tool for creasing AA and AB corrugated cardboard
Primary Supported Materials	Foam board Coated polypropylene Honeycomb board AAA, AA, AB Corrugated cardboard	Coated polypropylene Honeycomb board AAA, AA, AB Corrugated cardboard	Sponge or other cushioning material	Honeycomb board AAA Corrugated cardboard	Honeycomb board AAA Corrugated cardboard	Coated cardboard A, B, E Corrugated cardboard	Coated cardboard B, E Corrugated cardboard	Coated polypropylene A Corrugated cardboard	AAA, AA, AB Corrugated cardboard

Two types of software  
can be operated even by beginners

Standard bundled software



The combination of Finecut/Coat9 and the mark sensor  
function enables high-precision cutting while correcting  
the tilt and distance of coordinates.

- Direct and easy cutting from Adobe Illustrator or CorelDRAW
- Multi-Cut function to cut the same area  
with different pressure and other conditions
- Automatic tiling-cut function to prevent overcutting of media
- ID Cut function automates cutting the printed materials

Optional software

**CAMLINK2**

Converts CAD data into optimum cutting data  
to maximize the capabilities of the cutting plotter.

- CAD data loading and cutting output
- Detailed cutting conditions can be set for industrial cutting,  
and database creation
- All pen output -Tracing function to reduce waste of  
expensive materials

New features for the CFX series

01 **V-cut function**

V-cut depth of cut can be adjusted and with one click.  
Triple cuts can be added with a single click.  
Easy post-processing after machining.

02 **Edge detection,  
backside cutting**

Provides a process that maximizes the convenience  
of the camera (optional)

03 **Toggle Function**

Continuous processing without time loss  
in material setting (-2531, -2550 sizes supported)

