Specification Sheet

CFL-605RT



The Mimaki CFL-605RT cutter is a 20- by 24-inch multifunction, compact flatbed cutting plotter. It supports on-demand production with multiple functions including reciprocating, tangential and eccentric cutting, plus creasing for immediate finishing of packaging and prototypes.

Specifications

NA Warranty	1 Year
LATAM Warranty	1 Year
Max Media Width	**CFL-605RT** 25.98 in (660.00 mm)
Max Media Length	555
Max Media Thickness	0.39 in (10.00 mm)
Max Media Weight1	10

For best results, always use Mimaki original inks.

Max Cutting Width	610
Max Cutting Length	510
Vacuum Bed	Yes
Vacuum Zones	1
Media Registration	Optical
ID-cut	Yes
Tool Stations	2
Supported Tools	Pen, Eccentric, Tangental, Reciprocating Cutters, Creasing Roller
Crop Mark Sensor	Yes
Swivel Cutting Pressure	30g - 1000g
Buffer Memory	27Mb
Maximum Pressure	Pen, Eccentric, Tangental, Reciprocating Cutters, Creasing Roller
Maximum speed	Yes
Tangental Cutting Pressure	500g - 1500g
Tangental Cutting Max Thickness	2mm
Tangental Cutting Multi-Pass	Yes
Reciprocating Cutting Speed	3000 strokes/min
Reciprocating Cutting Stroke	5mm
Reciprocating Cutting Pressure	1500g
Reciprocating Cutting Max Thickness	10mm
Creasing Roller Pressure	500g - 1500g
Driving method	X/Y/Z/? axes : DC servo motor
Repeat accuracy	Less than ±0.2mm
Range accuracy	±0.1mm or ±0.2% of travel distance, whichever is largest
Origin reproducibility	±0.10mm
Perpendicular accuracy	Less than 0.2 / 430mm
Back-side Cutting	Yes

For best results, always use Mimaki original inks.

CuttingLink	Yes
Cut	FineCut9
Connection Interface	USB / RS-232C / Ethernet
Dimensions	**CFL-605RT:** 51.97 in (1320.00 mm) X 41.14 in (1045.00 mm) X 43.31 in (1100.00 mm)
Weight	**CFL-605RT** 240.35 lb (109.00 kg)
Required Power	Single phase AC100 - 120V / 200 - 240 V, 50 / 60 Hz
Power Consumption - Max	500W
Continuous Operation	Less than 70dB
Temperature	68-86F (20-30C)
Guaranteed Acccuracy	68-77F (20-25C)
Humidity	35~65%RH(Non-condensing)
Dust Level	Equivalent to general office
Included Items	Cutter Holder C with Blade, Eccentric Cutter, Low Pressure Blade, Reciprocating Cutter Holder 07L, Reciprocating Cutter Blade, Tangential Cutter 2Na, HSS Blade 30deg, Creasing Holder, Creasing Roller 09, Ball Point Pen Holder
Machine Certifications	VCCI-classA, CE Marking, CB Certificate,US safety standards, UL 62368-1 RoHS , REACH, FCC Part 15-ClassA
Ink Type/Color	N/A

Please visit us at: https://www.mimakiusa.com

Print speeds are based on factory tests. Total throughput depends upon front-end driver/RIP, file size, printing resolution, ink coverage, network speed, etc. For best performance, always use Mimaki original inks. Specifications are subject to change without notice.

All specifications are subject to change; consult your authorized Mimaki representative for current information.

Mimaki is a trademark of Mimaki Engineering Co. Ltd. Copyright 2026, Mimaki USA, Inc. Rev. 10/1/26

For best results, always use Mimaki original inks.