



Innovative solution by Qres Technologies
Developed to suit your printing needs
Exceptional UV printer with impressive range of options



F200

F200



Looking for high-performance with an entry level printer? Interested in adding more print heads or special features?

The F200 offers you a unique opportunity to customize the configuration of your printer exactly the way you want it. All offered options can be factory ordered or added later.

Qres Technologies presents the F200 printer of extended print width of 200 cm that supports wider range of printing substrates.

Print heads and configuration

The F200 is equipped with a new generation of Konica Minolta 1024 inkjet print heads. Unparalleled sharpness and print fidelity is achieved using a unique wave form. Print resolution up to 1080 dpi eliminates inkjet grain producing smooth quarter tones and photographic quality.

The F200 starts with 4 print heads in the standard CMYK configuration, or doubled up for double the productivity. Up to four more optional print heads can be added for white, varnish or spot colours.

Flatbed printer with special options

The solid flatbed construction of the F200 with table size of 2,05 m x 3,25 m allows you to print on any flexible or rigid substrate up to a maximum thickness of 50 mm.

However what makes the F200 unique is the Bridge Lift option. The scan bridge can be raised to 250 mm, so you get a total adjustment range of 300 mm. It opens up new possibilities to print on a wider range of media and objects of different sizes.

The vacuum system of the F200 comprises 4 independently controlled vacuum zones. The external vacuum connection means you can choose a vacuum pump that suits your needs and locate it where you want it.

Options

Double speed
White and Varnish
Bridge Lift
External vacuum
PC Tower

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Technical Specifications

Technology

Print technology	Piezo drop-on-demand ink-jet system
Print heads	Konica Minolta 1024
Nozzles per head	1024
Print resolution	Addressable resolution 180 dpi - 1080 dpi Visual resolution up to 3240 dpi

Color / Ink

Color system	CMYK + 2 additional ink options (White, Varnish, spot colours)
Ink	Qres UV curable inks
Ink reservoir	1 liter or 3 liter ink container
Curing system	Air-cooled UV lamps

Media

Media types	Any flexible or rigid material including paper, vinyl, plastic, glass, wood, metal, laminate, ceramics, rubber
Maximum media thickness	50 mm (2 in) + 250 mm (9,8 in) Bridge Lift option
Maximum media weight	100 kg (220 lb)
Print area	2,05 m x 3,25 m (80,7 in x 128 in)

User Interface

Operation system	Windows 7 or Windows 8
Software	Qpro print software, Qrip software, CALDERA GrandRip V10 RIP software (optional) ColorGATE Productionserver 9 (optional)
Image formats	PDF, TIFF, JPEG, EPS

Physical Specifications

External dimensions	3850 mm x 4500 mm x 1300 mm (152 x 177 x 51 in)
Weight	1250 kg (2755 lb)
Electrical requirements	400 V 50 Hz 19Amps max 7,6 kW
Environmental specifications	Temperature 18 - 26°C, relative humidity 30 - 70%, dust-free area

Special features

Adjustable curing, Lamp shutters, Anti-static control
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Printing speeds

Printmode Configuration	2xCMYK	2xCMYK+W	1xCMYK	1xCMYK+W
High Definition mode	24 m ² /h	12 m ² /h	12 m ² /h	6 m ² /h
Quality mode	38 m ² /h	19 m ² /h	19 m ² /h	9,5 m ² /h
Production mode	56 m ² /h	28 m ² /h	28 m ² /h	14 m ² /h
Draft mode	112 m ² /h	56 m ² /h	56 m ² /h	28 m ² /h

Product specifications are subject to change without notice.

