Automatic height measurement system

Panasonic servo system

Media positioning device

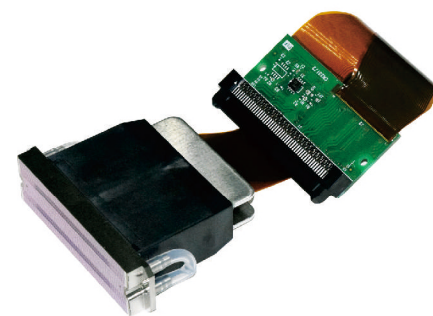Four zones independent control adsorption platform

YD-F3020R5 UV FLATBED INKJET PRINTER

Ricoh Gen5 industrial print head

Adopting new 3-8 pcs grey level Ricoh Gen5 internal heating industrial micro Piezo print head,4-7 colors optional,variable drop printing(7pl-35pl),ink droplet is more intensive, multi-color printing, and the colors are brighter. The printer can clearly print 2pt font, which not only prints with high resolution, but also can print with high speed. The highest resolution is 600x2400 dpi. what is more, working performance is stable, so it is very suitable for long-time working, 24 hours running. If maintain in good condition, the life time of print head can reach about 5 years.

Specification

Model	YD-F3020R5
Print size	3000×2000mm(9.8×6.6ft)
Print head	Ricoh-Gen5 grey level piezo print head
Print resolution	600×2400dpi
Print speed	4 Pass,38M^2(409sq.ft/h); 6 Pass,29M^2(312sq.ft/h); 8 Pass,22M^2(237sq.ft/h)
Print mode	Unidirectional and bidirectional
Ink color	CMYK, Lm, Lc, W, V(Optional)
Number of heads	3-8pcs
Ink type	Eco-friendly UV curing ink (NO VOC)
Material thickness	Up to 100mm(4in)
Material type	Rigid and flexible material
Material	Glass, acrylic, wood, ceramic, metal, PVC, corrugated board, plastic etc.
Software	PhotoPrint, Onyx
Input format	Adobe Postscript Level 3, PDF, JPEG, TIFF, EPS, AI
Power requirement	220V/AC (±10%), 50 / 60 Hz; 6 KW
Printer weight	1700KG
Printer size	5046mm[L]×2695mm[W]×1355mm[H](16.5ft × 8.8ft × 4.4ft)
Package size	5400mm[L]×3100mm[W]×1530mm[H](17.7ft × 10.1ft × 5ft)
Working environment	Separate, little sunlight, ventilated workshop. Temperature:18º C～30ºC (64ºF～86ºF) Humidity: 30% ～ 70% (Non-condensing) Ventilation equipment: Suggest Overhead exhaust fan, displacement 600 cfm

Samples show

YD-F3020R5 UV flatbed inkjet printer can print on any materials as following with outstanding effect:

Rigid materials:Glass,Ceramic,Metal plate, Wood,Acrylic Panel,KT board,PVC sheet, Melamine sheet, Marble board, etc.

Flexible materials: Paper, Plastic film,Leather,etc.

☑ **Anti-collision device**
Carriage automatically stops when colliding with obstacles.
It prevents carriage and print head from damage, also protects human safety.

☑ **Automatic materials thickness measurement**
Automatically measure the thickness of materials. Precision, time and labor saving.

☑ **Negative pressure system**
Making the ink supply more smoothly, can avoid the phenomenon of leaking ink and can save ink.

Ceiling

3D Printing

Wood Decorative Painting

RICOH PRINTHEAD

SPEED 409sq.ft/H

7PL

7COLORS

600x 2400 DPI