

Professional UV Printer Equipment Manufacturer from Shanghai, China

www.freecolor-uvprinter.com

FreeColor

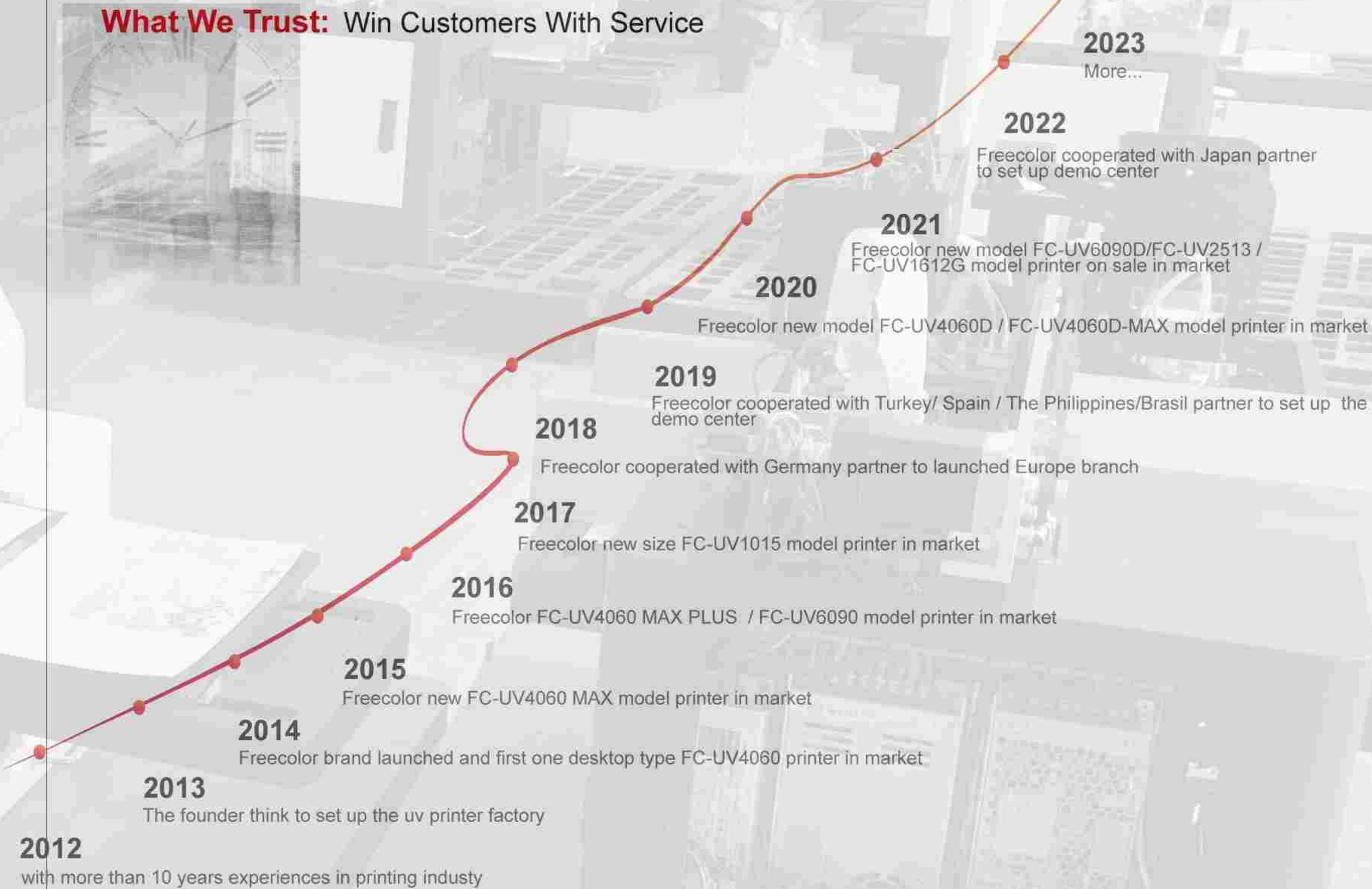
Company Introduction:

Shanghai Zhenshi Industry Co., Ltd founded in 2014, locate at Shanghai, China. With professional R&D team, well-equipped modern factory, established strategic cooperation with world famous printhead company, boards & software supplier, formed a complete equipment manufacturing system. Products covering kinds of size UV Printers, passed CE & ISO9001 ality system certification, widely used in advertising & printing, Sign, decoration, gifts industry.

Products sold to Asia, Europe, South America, Africa etc. Established completed sales & after-sale service network, set up good reputation and achieved customer trust with stable quality products and efficient after sales. Zhenshi company will keep pay attention to market demands, rely on strong produce capability, honest working style to service global customers better. We'll do great effort to make Freecolor a famous brand, lead the direction of China sign equipment manufacturing industry, join hands with you to promote the development of global inkjet printing technology

What We Insist: Win The Market With Quality

What We Trust: Win Customers With Service



FC-UV2030

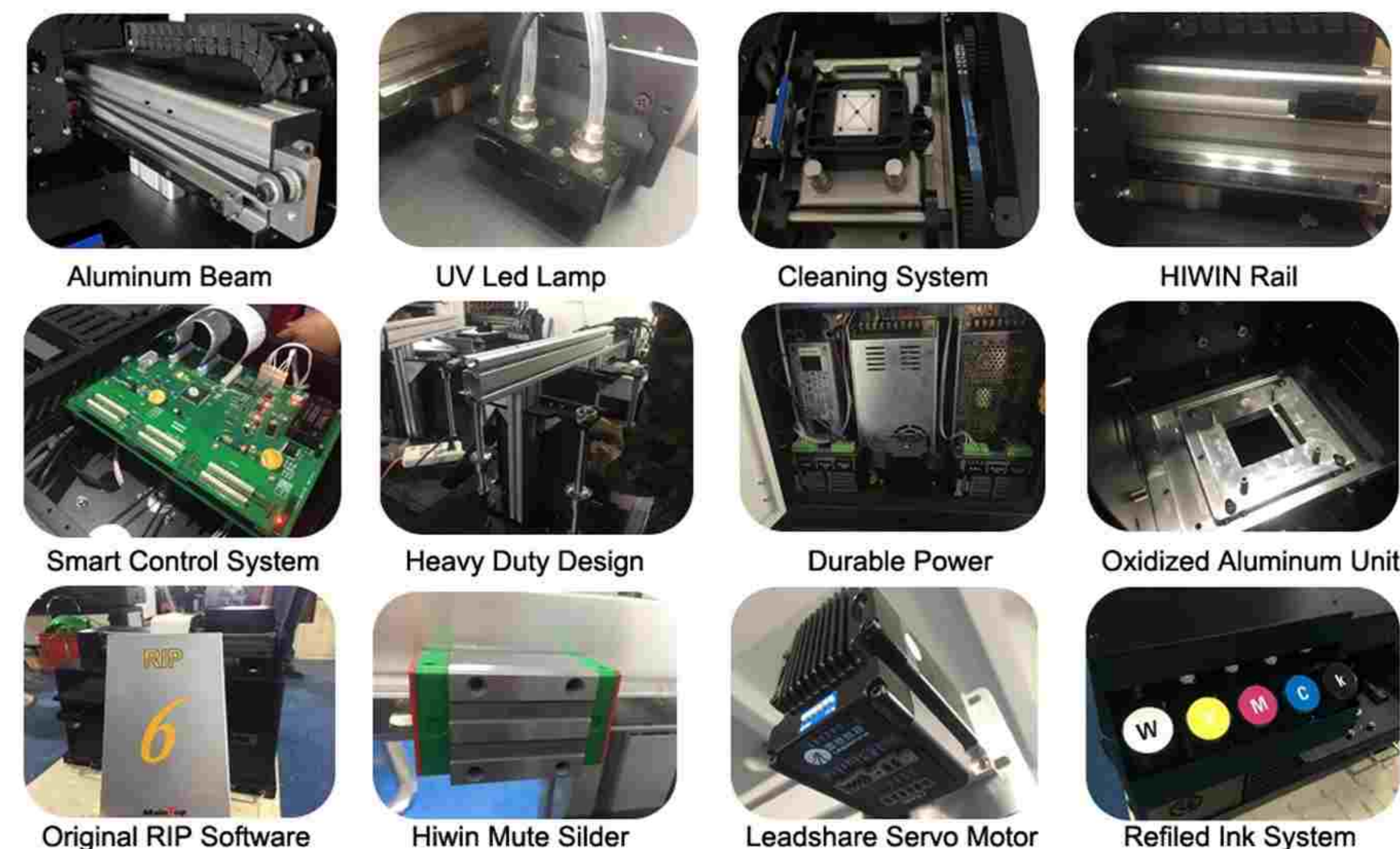


- UV-LED curable ink, CMYK&White INK
- FLEXIBLE INK AVAILABLE
- 12"x10" Print Area, 5" print height,
- Automatic height adjustment
- Small size with Strong body design, suitable for any print shop
- Optional rotary attachment allows **360°** printing on cylindrical

Printer Application



Machine Details



Machine Parameter

Brand	Freecolor	Resolution	720*2160dpi max.
Model	FC-UV2030	Color	C M Y K White
Print size	300x250mm	Ink	UV hard / soft ink
Curing system	LED-UV lamp curing system		
Print materials	Glass,Wood,Metal,Acrylic,Plastic,Cerramic,Tile,Leather		
Media Thickness	≤100mm		
Ink Supply system	Bulk ink tank with auto white stirring system and ink lack alarm sensor		
Cleaning system	Auto positive pressure cleaning , Anti-blocking flash function		
RIP software	Maintop 6.1 or Photoprint		
Control system	Smart Control Board		
Color control	International standard ICC color control,Curve and density adjustable function		
Image format	JPG,TIFF,PDF, PNG, BMP,EPS etc		
Operation system	Windows7 /10 /11 64bit, USB2.0/3.0		
Power supply	AC110-220V/50-60HZ/700W		
Working condition	Temperature: 18-30C, Humidity: 30-60%		
G.W/N.W	N.W: 55KG / G.W: 80KG		
Dimension	Machine: 800*560*480mm / Packing: 960*810*760mm		

FC-UV4060

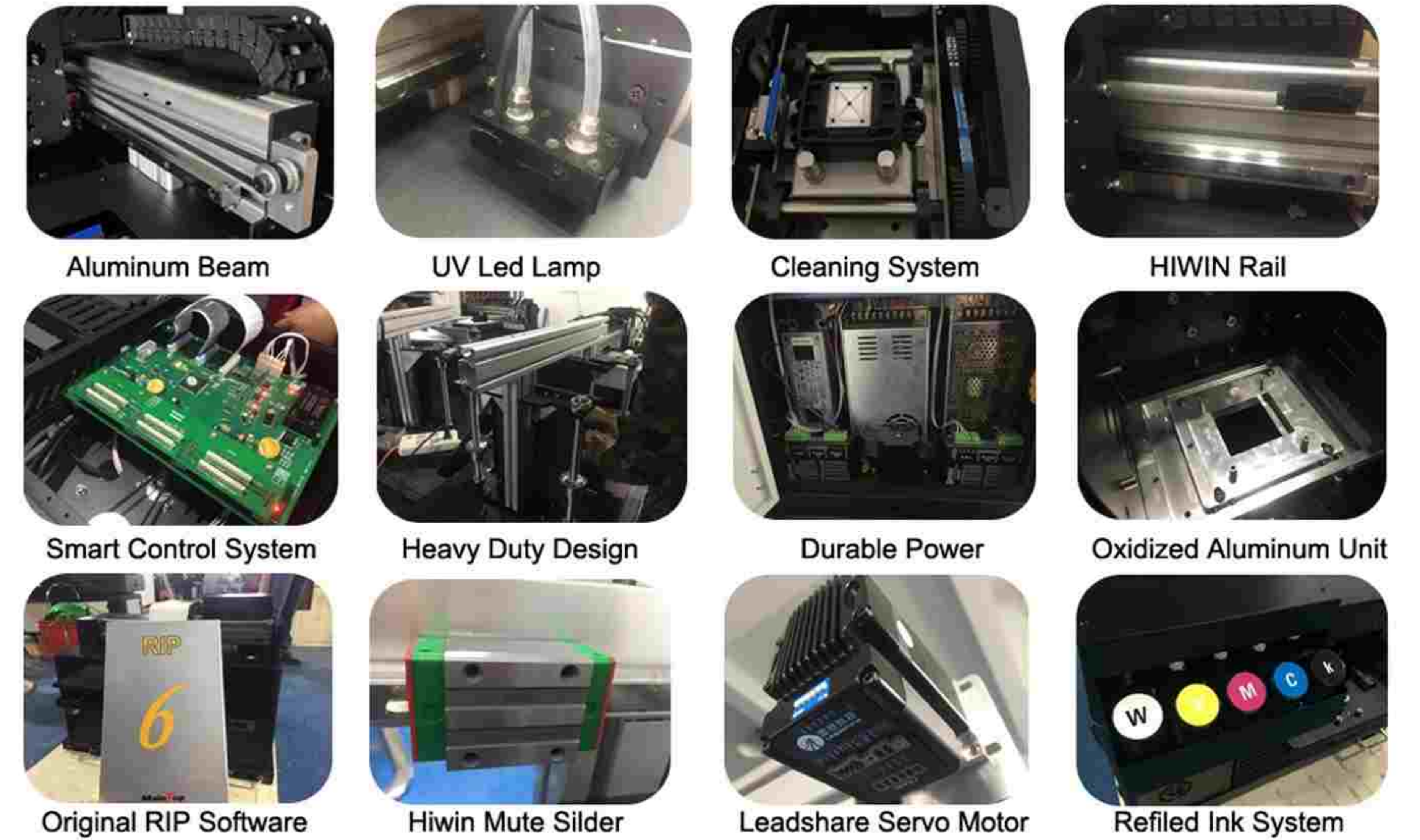


- UV-LED curable ink, CMYK&White INK
- FLEXIBLE INK AVAILABLE
- 12"x20" Print Area, 8" print height,
- Automatic height adjustment
- Small size with Strong body design, suitable for any print shop
- Optional rotary attachment allows **360°** printing on cylindrical

Printer Application



Machine Details



Machine Parameter

Brand	Freecolor	Resolution	720*2160dpi max.
Model	FC-UV4060	Color	C M Y K White
Print size	300x500mm	Ink	UV hard / soft ink
Curing system	LED-UV lamp curing system		
Print materials	Glass,Wood,Metal,Acrylic,Plastic,Cerramic,Tile,Leather		
Media Thickness	≤200mm		
Ink Supply system	Bulk ink tank with auto white stirring system and ink lack alarm sensor		
Cleaning system	Auto positive pressure cleaning , Anti-blocking flash function		
RIP software	Maintop 6.1 or Photoprint		
Control system	Smart Control Board		
Color control	International standard ICC color control,Curve and density adjustable function		
Image format	JPG,TIFF,PDF, PNG, BMP,EPS etc		
Operation system	Windows7 /10 /11 64bit, USB2.0/3.0		
Power supply	AC110-220V/50-60HZ/700W		
Working condition	Temperature: 18-30C, Humidity: 30-60%		
G.W/N.W	N.W: 55KG / G.W: 80KG		
Dimension	Machine: 800*850*570mm / Packing: 960*960*900mm		

FC-UV4060MAX

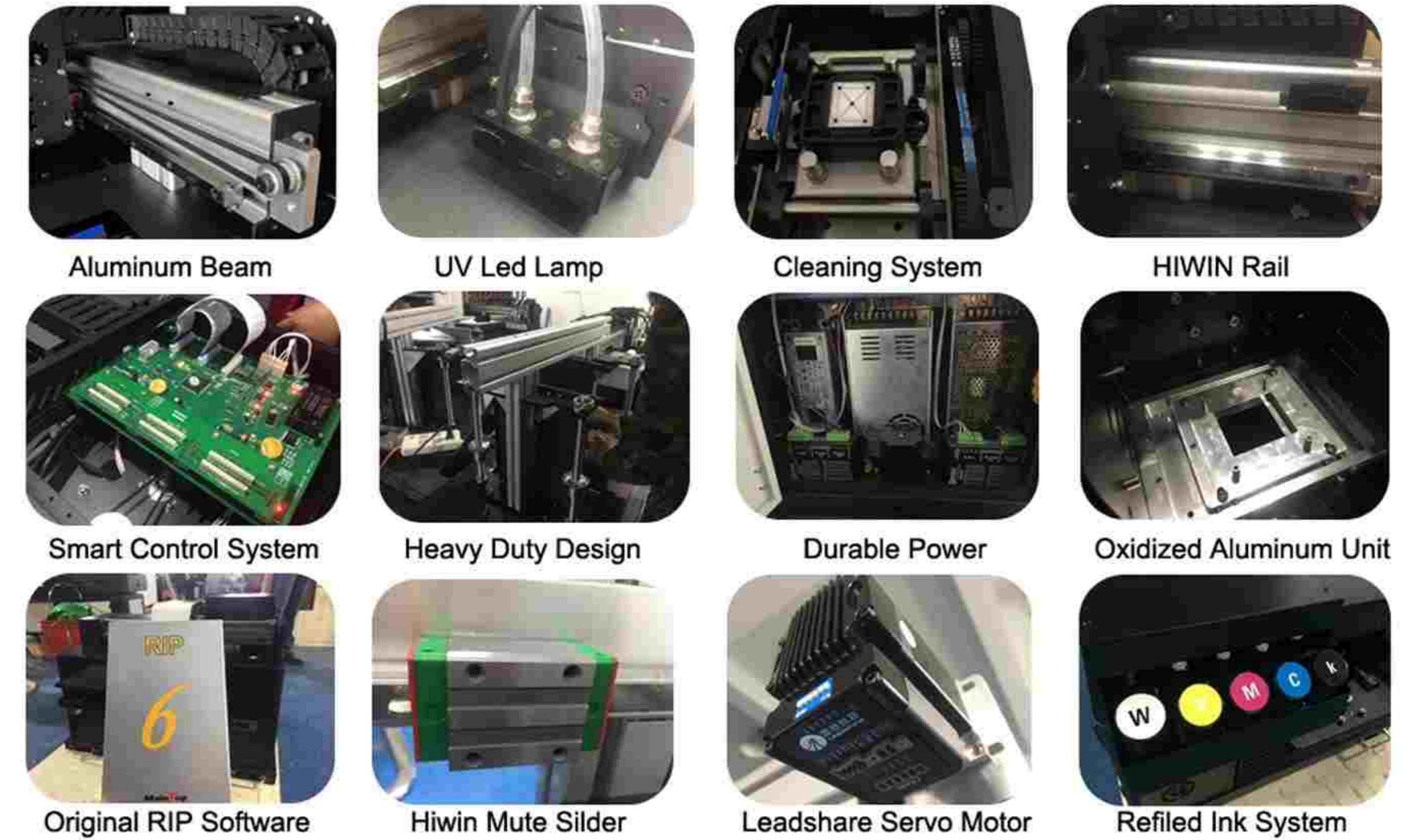


- UV-LED curable ink, CMYK&White INK
- FLEXIBLE INK AVAILABLE
- 18"x28" Print Area, 8" print height,
- Automatic height adjustment
- Small size with Strong body design, suitable for any print shop
- Optional rotary attachment allows **360°** printing on cylindrical

Printer Application



Machine Details



Machine Parameter

Brand	Freecolor	Resolution	720*2160dpi max.
Model	FC-UV4060MAX	Color	C M Y K White
Print size	450x700mm	Ink	UV hard / soft ink
Curing system	LED-UV lamp curing system		
Print materials	Glass,Wood,Metal,Acrylic,Plastic,Cerramic,Tile,Leather		
Media Thickness	≤200mm		
Ink Supply system	Bulk ink tank with auto white stirring system and ink lack alarm sensor		
Cleaning system	Auto positive pressure cleaning , Anti-blocking flash function		
RIP software	Maintop 6.1 or Photoprint		
Control system	Smart Control Board		
Color control	International standard ICC color control,Curve and density adjustable function		
Image format	JPG,TIFF,PDF, PNG, BMP,EPS etc		
Operation system	Windows7 /10 /11 64bit, USB2.0/3.0		
Power supply	AC110-220V/50-60HZ/700W		
Working condition	Temperature: 18-30C, Humidity: 30-60%		
G.W/N.W	N.W: 100KG / G.W: 150KG		
Dimension	Machine: 920*1030*610mm / Packing: 1070*1180*850mm		

FC-UV4060D

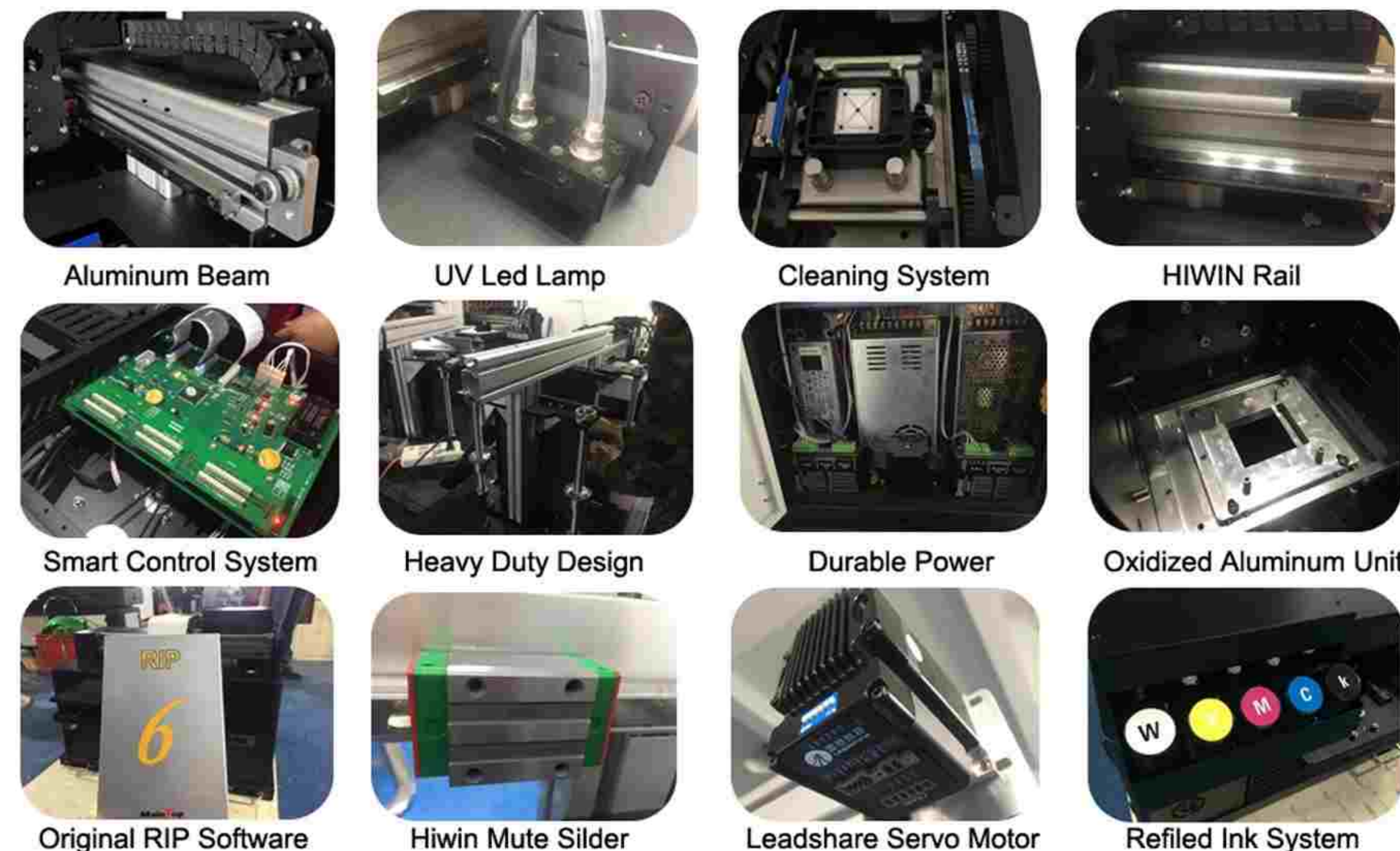


- UV-LED curable ink, CMYK, White & Varnish INK
- Vacuum suction aluminium table
- 12"x20" Print Area, 6" print height
- Automatic height adjustment
- Small size with Strong body design, suitable for any print shop
- Optional rotary attachment allows **360°** printing on cylindrical

Printer Application



Machine Details



Machine Parameter

Brand	Freecolor	Resolution	720*2160dpi max.
Model	FC-UV4060D	Color	C M Y K White & Varnish
Print size	300x500mm	Ink	UV hard / soft ink
Curing system	LED-UV lamp curing system		
Print materials	Glass, Wood, Metal, Acrylic, Plastic, Ceramic, Tile, Leather		
Media Thickness	≤150mm		
Ink Supply system	Bulk ink tank with auto white stirring system and ink lack alarm sensor		
Cleaning system	Auto positive pressure cleaning , Anti-blocking flash function		
RIP software	Maintop 6.1 or Photoprint		
Control system	Smart Control Board		
Color control	International standard ICC color control, Curve and density adjustable function		
Image format	JPG, TIFF, PDF, PNG, BMP, EPS etc		
Operation system	Windows7 /10 /11 64bit, USB2.0/3.0		
Power supply	AC110-220V/50-60HZ/700W		
Working condition	Temperature: 18-30C, Humidity: 30-60%		
G.W/N.W	N.W: 80KG / G.W: 120KG		
Dimension	Machine: 920*970*570mm / Packing: 1120*1050*770mm		

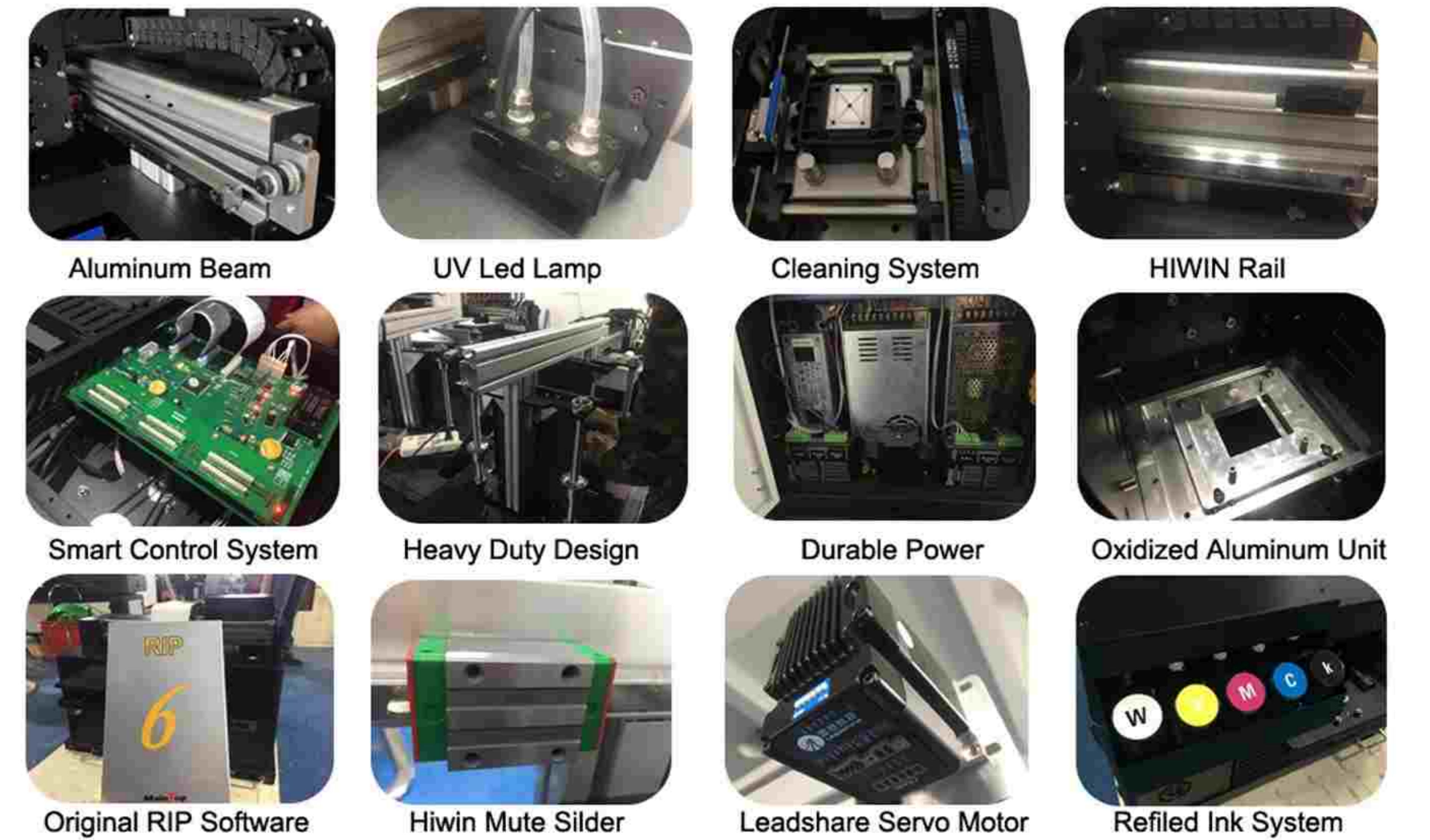


- UV-LED curable ink, CMYK, White & Varnish INK
- Vacuum suction aluminium table
- 18"x30" Print Area, 8" print height
- Automatic height adjustment
- Small size with Strong body design, suitable for any print shop
- Optional rotary attachment allows **360°** printing on cylindrical

Printer Application



Machine Details



Machine Parameter

Brand	Freecolor	Resolution	720*2160dpi max.
Model	FC-UV4060D-MAX	Color	C M Y K White & Varnish
Print size	450x700mm	Ink	UV hard / soft ink
Curing system	LED-UV lamp curing system		
Print materials	Glass, Wood, Metal, Acrylic, Plastic, Ceramic, Tile, Leather		
Media Thickness	≤200mm		
Ink Supply system	Bulk ink tank with auto white stirring system and ink lack alarm sensor		
Cleaning system	Auto positive pressure cleaning , Anti-blocking flash function		
RIP software	Maintop 6.1 or Photoprint		
Control system	Smart Control Board		
Color control	International standard ICC color control, Curve and density adjustable function		
Image format	JPG, TIFF, PDF, PNG, BMP, EPS etc		
Operation system	Windows7 /10 /11 64bit, USB2.0/3.0		
Power supply	AC110-220V/50-60HZ/700W		
Working condition	Temperature: 18-30C, Humidity: 30-60%		
G.W/N.W	N.W: 100KG / G.W: 150KG		
Dimension	Machine: 1060*1220*650mm / Packing: 1120*1350*850mm		



- UV-LED curable ink, CMYK & White Ink
- Friendly design with touch panel
- 18"x30" Print Area, **16" print height**
- Automatic height adjustment
- Small size with Strong body design, suitable for any print shop
- Optional rotary attachment allows 360° printing on cylindrical

Machine Details



Machine Parameter

Brand	Freecolor	Resolution	720*2160dpi max.
Model	FC-UV4060H	Color	C M Y K & White
Print size	450x700mm	Ink	UV hard / soft ink
Curing system	LED-UV lamp curing system		
Print materials	Glass,Wood,Metal,Acrylic,Plastic,Cerramic,Tile,Leather		
Media Thickness	≤400mm		
Ink Supply system	Bulk ink tank with auto white stirring system and ink lack alarm sensor		
Cleaning system	Auto positive pressure cleaning , Anti-blocking flash function		
RIP software	Maintop 6.1 or Photoprint		
Control system	Smart Control Board		
Color control	International standard ICC color control,Curve and density adjustable function		
Image format	JPG,TIFF,PDF, PNG, BMP,EPS etc		
Operation system	Windows7 /10 /11 64bit, USB2.0/3.0		
Power supply	AC110-220V/50-60HZ/700W		
Working condition	Temperature: 18-30C, Humidity: 30-60%		
G.W/N.W	N.W: 120KG / G.W: 160KG		
Dimension	Machine: 910*1030*810mm / Packing: 1070*1060*1020mm		

Printer Application



FC-UV4060PRO



- UV-LED curable ink, CMYK, White & Varnish Ink
- Vacuum suction aluminium table
- 18"x30" Print Area, 8" print height
- Automatic height adjustment
- Small size with Strong body design, suitable for any print shop
- Optional rotary attachment allows 360° printing on cylindrical

Printer Application



Machine Details



Machine Parameter

Brand	Freecolor	Resolution	720*2160dpi max.
Model	FC-UV4060Pro	Color	C M Y K White & Varnish
Print size	450x700mm	Ink	UV hard / soft ink
Curing system	LED-UV lamp curing system		
Print materials	Glass,Wood,Metal,Acrylic,Plastic,Cerramic,Tile,Leather		
Media Thickness	≤200mm		
Ink Supply system	Bulk ink tank with auto white stirring system and ink lack alarm sensor		
Cleaning system	Auto positive pressure cleaning , Anti-blocking flash function		
RIP software	Maintop 6.1 or Photoprint		
Control system	Smart Control Board		
Color control	International standard ICC color control,Curve and density adjustable function		
Image format	JPG,TIFF,PDF, PNG, BMP,EPS etc		
Operation system	Windows7 /10 /11 64bit, USB2.0/3.0		
Power supply	AC110-220V/50-60HZ/700W		
Working condition	Temperature: 18-30C, Humidity: 30-60%		
G.W/N.W	N.W: 150KG / G.W: 200KG		
Dimension	Machine: 1130*1210*630mm / Packing: 1360*1250*880mm		



- UV-LED curable ink, CMYK & White Ink
- Double head with fast print speed
- 18"x28" Print Area, 8" print height
- Automatic height adjustment
- Small size with Strong body design, suitable for any print shop
- Optional rotary attachment allows 360° printing on cylindrical

Printer Application



Machine Details



Machine Parameter

Brand	Freecolor	Resolution	720*2160dpi max.
Model	FC-UV4060Pro	Color	C M Y K & White
Print size	450x700mm	Ink	UV hard / soft ink
Curing system	LED-UV lamp curing system		
Print materials	Glass,Wood,Metal,Acrylic,Plastic,Cerramic,Tile,Leather		
Media Thickness	≤200mm		
Ink Supply system	Bulk ink tank with auto white stirring system and ink lack alarm sensor		
Cleaning system	Auto positive pressure cleaning , Anti-blocking flash function		
RIP software	Maintop 6.1 or Photoprint		
Control system	Smart Control Board		
Color control	International standard ICC color control,Curve and density adjustable function		
Image format	JPG,TIFF,PDF, PNG, BMP,EPS etc		
Operation system	Windows7 /10 /11 64bit, USB2.0/3.0		
Power supply	AC110-220V/50-60HZ/700W		
Working condition	Temperature: 18-30C, Humidity: 30-60%		
G.W/N.W	N.W: 110KG / G.W: 160KG		
Dimension	Machine: 1090*930*700mm / Packing: 1150*1250*900mm		

FC-UV6090



- UV-LED curable ink, CMYK LC LM White & Varnish Ink
- Support High Embossing Printing
- 2x3ft Print Area, 7" print height
- Automatic height adjustment
- Industry grade design, stable printing quality
- Optional rotary attachment allows 360° printing on cylindrical

Printer Application



Machine Details



Machine Parameter

Brand	Freecolor	Resolution	1440dpi max.
Model	FC-UV6090	Color	C M Y K LC LM White V
Print size	600x000mm	Ink	UV hard / soft ink
Curing system	LED-UV lamp curing system		
Print materials	Glass,Wood,Metal,Acrylic,Plastic,Cerramic,Tile,Leather		
Media Thickness	≤170mm		
Ink Supply system	Bulk ink tank with auto white stirring system and ink lack alarm sensor		
Cleaning system	Auto positive pressure cleaning , Anti-blocking flash function		
RIP software	Maintop 6.1 or Photoprint		
Control system	Smart Control Board		
Color control	International standard ICC color control,Curve and density adjustable function		
Image format	JPG,TIFF,PDF, PNG, BMP,EPS etc		
Operation system	Windows7 /10 /11 64bit, USB2.0/3.0		
Power supply	AC110-220V/50-60HZ/700W		
Working condition	Temperature: 18-30C, Humidity: 30-60%		
G.W/N.W	N.W: 450KG / G.W: 550KG		
Dimension	Machine: 1670*1760*1120mm / Packing: 1850*1950*1400mm		

FC-UV6090PRO



- UV-LED curable ink, CMYK LC LM White & Varnish Ink
- Support High Embossing Printing
- 70x100mm Print Area, 150mm print height
- Automatic height adjustment
- Industry grade design, stable printing quality
- Optional rotary attachment allows 360° printing on cylindrical

Printer Application



Machine Details



Machine Parameter

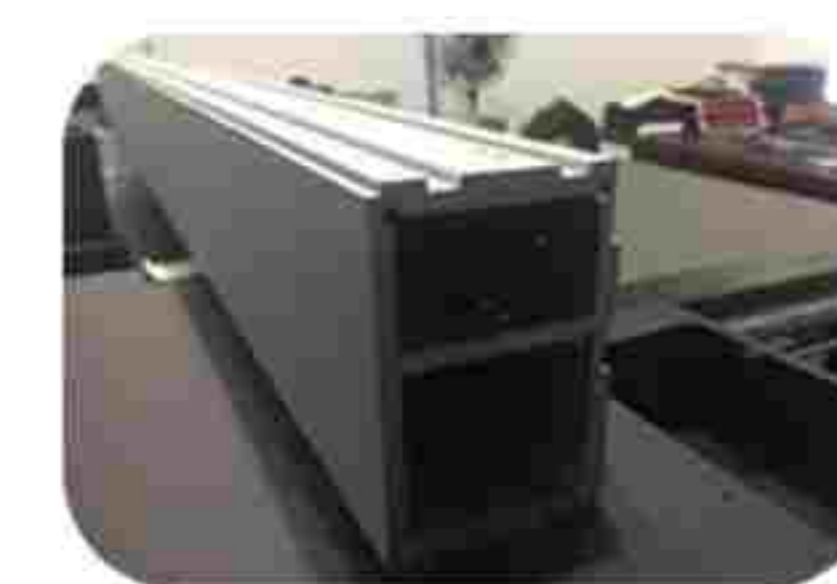
Brand	Freecolor	Resolution	1440dpi max.
Model	FC-UV6090Pro	Color	C M Y K LC LM White V
Print size	700x1000mm	Ink	UV hard / soft ink
Curing system	LED-UV lamp curing system		
Print materials	Glass,Wood,Metal,Acrylic,Plastic,Cerramic,Tile,Leather		
Media Thickness	≤150mm		
Ink Supply system	Bulk ink tank with auto white stirring system and ink lack alarm sensor		
Cleaning system	Auto positive pressure cleaning , Anti-blocking flash function		
RIP software	Maintop 6.1 or Photoprint		
Control system	Smart Control Board		
Color control	International standard ICC color control,Curve and density adjustable function		
Image format	JPG,TIFF,PDF, PNG, BMP,EPS etc		
Operation system	Windows7 /10 /11 64bit, USB2.0/3.0		
Power supply	AC110-220V/50-60HZ/700W		
Working condition	Temperature: 18-30C, Humidity: 30-60%		
G.W/N.W	N.W: 550KG / G.W: 650KG		
Dimension	Machine: 1900*1600*1200mm / Packing: 2150*1750*1400mm		

FC-UV1015



- UV-LED curable ink, CMYK LC LM White & Varnish Ink
- Support High Embossing Printing
- 1000x1500mm Print Area, 150mm print height
- Automatic height adjustment
- Industry grade design, stable printing quality
- Optional rotary attachment allows 360° printing on cylindrical

Machine Details



Aluminum Beam



UV Led Lamp



Cleaning System



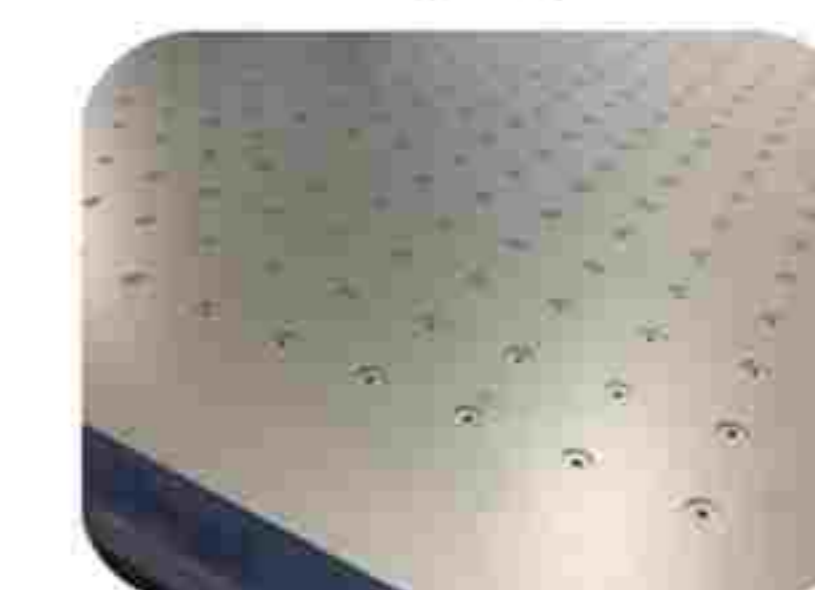
HIWIN Rail



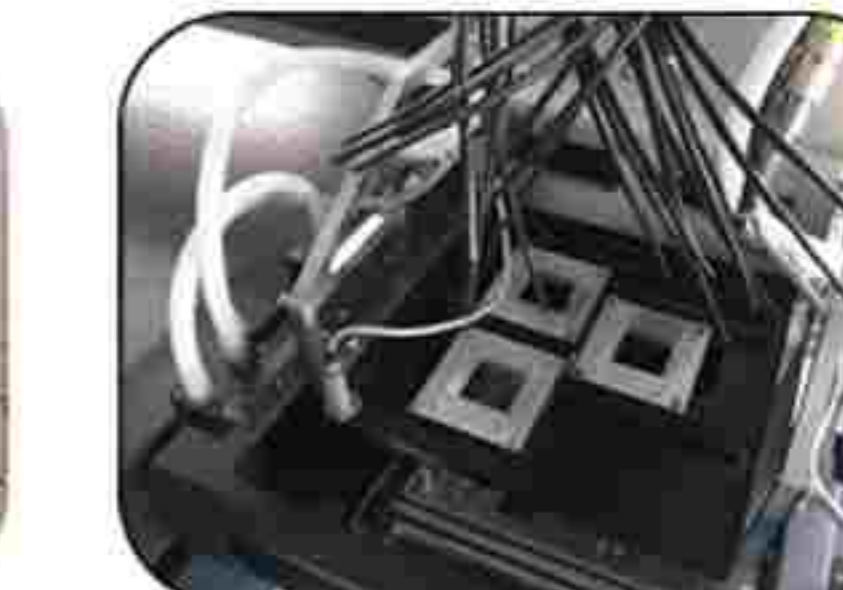
Smart Control System



Heavy Duty Design



Vacuum Table



Oxidized Aluminum Unit



Durable Power System



Hiwin Mute Silder



Leadshare Servo Motor



Refilled Ink System

Machine Parameter

Brand	Freecolor	Resolution	1440dpi max.
Model	FC-UV1015	Color	C M Y K LC LM White V
Print size	1000x1500mm	Ink	UV hard / soft ink
Curing system	LED-UV lamp curing system		
Print materials	Glass,Wood,Metal,Acrylic,Plastic,Cerramic,Tile,Leather		
Media Thickness	≤150mm		
Ink Supply system	Bulk ink tank with auto white stirring system and ink lack alarm sensor		
Cleaning system	Auto positive pressure cleaning , Anti-blocking flash function		
RIP software	Maintop 6.1 or Photoprint		
Control system	Smart Control Board		
Color control	International standard ICC color control, Curve and density adjustable function		
Image format	JPG, TIFF, PDF, PNG, BMP, EPS etc		
Operation system	Windows7 /10 /11 64bit, USB2.0/3.0		
Power supply	AC110-220V/50-60HZ/700W		
Working condition	Temperature: 18-30C, Humidity: 30-60%		
G.W/N.W	N.W: 600KG / G.W: 750KG		
Dimension	Machine: 1980*2170*1300mm / Packing: 2150*2300*1550mm		

Printer Application



Wood



Ceramic



Glass



Acrylic



Leather



Mobile Cover



Sign



Golf Ball



Rings



Packing



Pen



Bottle

FC-UV6090D

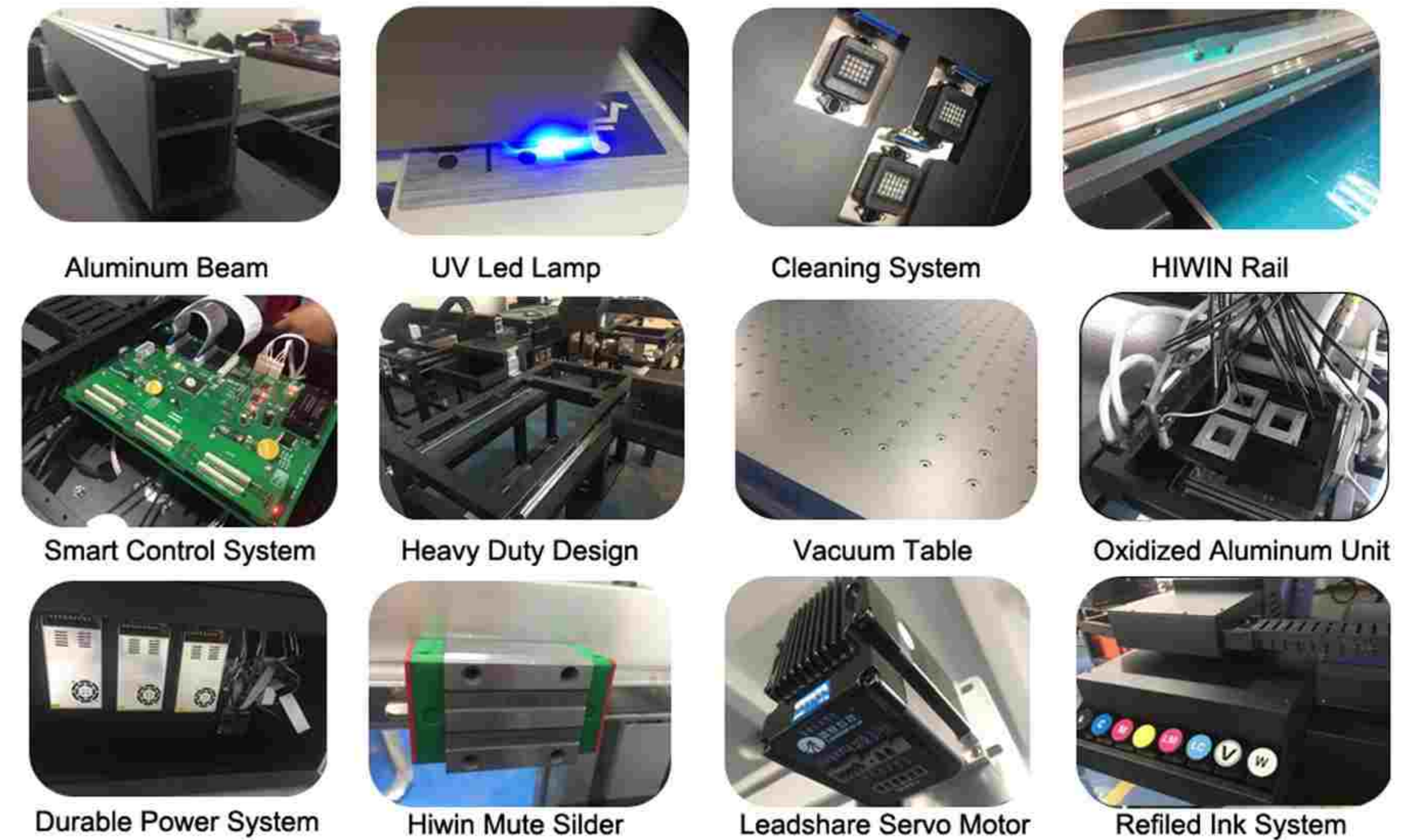


- UV-LED curable ink, CMYK LC LM White & Varnish Ink
- Small Size Design suitable for any print shop
- 600x900mm Print Area, 220mm print height
- Automatic height adjustment
- Industry grade design, stable printing quality
- Optional rotary attachment allows 360° printing on cylindrical

Printer Application



Machine Details



Machine Parameter

Brand	Freecolor	Resolution	1440dpi max.
Model	FC-UV6090D	Color	C M Y K LC LM White V
Print size	600x900mm	Ink	UV hard / soft ink
Curing system	LED-UV lamp curing system		
Print materials	Glass, Wood, Metal, Acrylic, Plastic, Cerramic, Tile, Leather		
Media Thickness	≤220mm		
Ink Supply system	Bulk ink tank with auto white stirring system and ink lack alarm sensor		
Cleaning system	Auto positive pressure cleaning , Anti-blocking flash function		
RIP software	Maintop 6.1 or Photoprint		
Control system	Smart Control Board		
Color control	International standard ICC color control, Curve and density adjustable function		
Image format	JPG, TIFF, PDF, PNG, BMP, EPS etc		
Operation system	Windows7 /10 /11 64bit, USB2.0/3.0		
Power supply	AC110-220V/50-60HZ/700W		
Working condition	Temperature: 18-30C, Humidity: 30-60%		
G.W/N.W	N.W: 250KG / G.W: 350KG		
Dimension	Machine: 1550*1450*800mm / Packing: 1650*1550*1000mm		

FC-UV1812



- UV-LED curable ink, CMYK LC LM White & Varnish Ink
- Middle size design
- 1800x1200mm Print Area, 150mm print height
- Automatic height adjustment
- Industry grade design, stable printing quality
- Optional rotary attachment allows 360° printing on cylindrical

Printer Application



Machine Details



Machine Parameter

Brand	Freecolor	Resolution	1440dpi max.
Model	FC-UV1812	Color	C M Y K LC LM White V
Print size	1800x1200mm	Ink	UV hard / soft ink
Curing system	LED-UV lamp curing system		
Print materials	Glass, Wood, Metal, Acrylic, Plastic, Ceramic, Tile, Leather		
Media Thickness	≤150mm		
Ink Supply system	Bulk ink tank with auto white stirring system and ink lack alarm sensor		
Cleaning system	Auto positive pressure cleaning , Anti-blocking flash function		
RIP software	Maintop 6.1 or Photoprint		
Control system	Smart Control Board		
Color control	International standard ICC color control, Curve and density adjustable function		
Image format	JPG, TIFF, PDF, PNG, BMP, EPS etc		
Operation system	Windows7 /10 /11 64bit, USB2.0/3.0		
Power supply	AC110-220V/50-60HZ/700W		
Working condition	Temperature: 18-30C, Humidity: 30-60%		
G.W/N.W	N.W: 650KG / G.W: 750KG		
Dimension	Machine: 2590*1680*1280mm / Packing: 3000*2000*1550mm		

FC-UV2513



- UV-LED curable ink, CMYK LC LM White & Varnish Ink
- Large size design
- 1800x1200mm Print Area, 150mm print height
- Automatic height adjustment
- Industry grade design, stable printing quality
- Optional rotary attachment allows 360° printing on cylindrical

Machine Details



Aluminum Beam



UV Led Lamp



Cleaning System



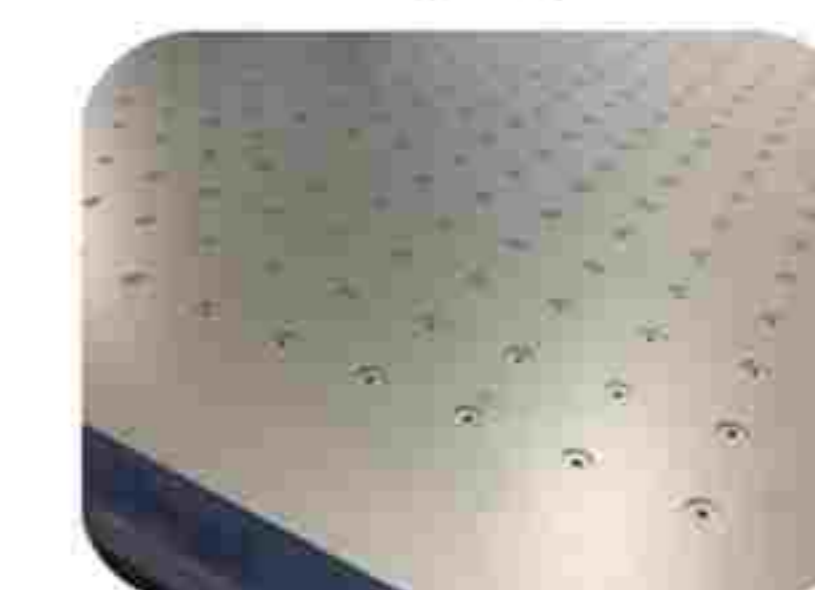
HIWIN Rail



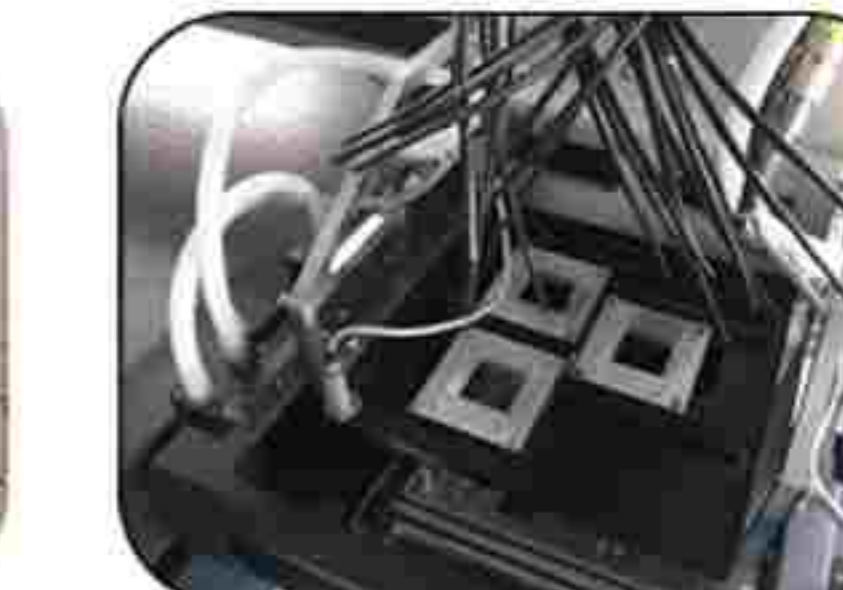
Smart Control System



Heavy Duty Design



Vacuum Table



Oxidized Aluminum Unit



Durable Power System



Hiwin Mute Slider



Leadshare Servo Motor



Refilled Ink System

Machine Parameter

Brand	Freecolor	Resolution	1440dpi max.
Model	FC-UV2513	Color	C M Y K LC LM White V
Print size	2500x1200mm	Ink	UV hard / soft ink
Curing system	LED-UV lamp curing system		
Print materials	Glass, Wood, Metal, Acrylic, Plastic, Ceramic, Tile, Leather		
Media Thickness	≤150mm		
Ink Supply system	Bulk ink tank with auto white stirring system and ink lack alarm sensor		
Cleaning system	Auto positive pressure cleaning , Anti-blocking flash function		
RIP software	Maintop 6.1 or Photoprint		
Control system	Smart Control Board		
Color control	International standard ICC color control, Curve and density adjustable function		
Image format	JPG, TIFF, PDF, PNG, BMP, EPS etc		
Operation system	Windows7 /10 /11 64bit, USB2.0/3.0		
Power supply	AC110-220V/50-60HZ/700W		
Working condition	Temperature: 18-30C, Humidity: 30-60%		
G.W/N.W	N.W: 800KG / G.W: 1000KG		
Dimension	Machine: 3400*1700*1300mm / Packing: 3800*2000*1550mm		

Printer Application



Wood



Ceramic



Glass



Acrylic



Leather



Mobile Cover



Sign



Golf Ball



Rings



Packing



Pen



Bottle



FC-UV1612G

A Printer Which Support 12mm max. height high jet

- Japan Ricoh TH5241 Head (G5i)
- SMC Negative Pressure Syste
- Sub-tank with solenoid valve system
- Vacuum Aluminum Platform with
- Fluorocarbon Hard Oxidation Craft, and 4 Independent suction area control system
- Print Software Connection with Gigabit Ethernet Port Data Transmission
- 3PL Variable Ink Drop Dot
- CMYK + White or CMYK+White+ Varnish Color
- Support print materials with a height difference of 12mm max.
- Smart Multi-Combination Feather Printing Function



Specification

Printer Model	FC-UV1612G	
Print Size	160x120cm max.	
Print head	Ricoh Gen5i	
	2 -4 pieces for choice	
Print Speed	4 heads	Low:16sqm/h Middle: 21sqm/h High: 26sqm/h
Print Color	CMYK, CMYK+White, CMYK + White+ Varnish	
Print Materials	Weight max.	600KG
	Type	PVC, Wood, Metal, Glass, Tile, Acylic etc
	Height	170mm max.
RIP Software	Maintop	Photoprint for Choice
Dry Method	UV LED Lamp with Water Cooling System	
Ink Type	UV Ink	
Computer System	Window 7 / Window 10 64BIT	
Connect Interface	USB Interface	
Power	Printer machine	AC220 50/60HZ ≤1800W
	Vacuum Suction	AC 220V 50/60HZ ≤750W
Enviroment	Humidity 40-70% Temperature 20-28C	
Dimension	2550X1950X1400mm/ 800KG	





UV INK



Cleaning solution



Primer



Cap



Dampers



Motors



Mainboard



Printhead



Software

Good tools are prerequisite to achieve success in a job!

Global Strategic Cooperation Brands:

RICOH

FUJIFILM

EPSON
EXCEED YOUR VISION

MainTop



ONYX

BYHX

Panasonic

THK
The Mark of Linear Motion

HIWIN
Linear Motion Products & Technology



OMRON 欧姆龙

NICHIA

SHARP

SMC



Elatech
Technology in Motion.

HELUKABEL

MW
MEAN WELL

cobetter
filtration

HIGHLY
海立

igus

NAZDAR
Motion Technology

NSK
MOTION & CONTROL