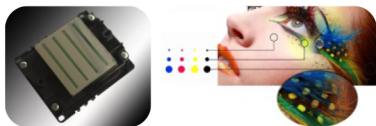# FEDAR

**PRECISIONCORE** PRINTHEAD powered by EPSON

## FUNCTIONS AND FEATURES

### ORIGINAL EPSON I3200-A1 PRINTHEAD

There are 3200 nozzles with 3200DPI resolution in EPSON I3200-A1 printhead, and VSDT technology, which improves printing resolution and color revivification degree. Supporting 4 gray grade printing in maximum.
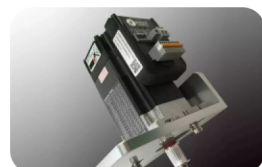
### IMPORTED THK MUTE GUIDE RAIL

Japanese THK mute guide rail, moving steadily, longer working life, and reducing the resistance and noise of carriage moving during the high speed printing.

### LEADSHINE BRUSHLESS DC MOTOR

High precision driver linear encoder, higher resolution, fewer errors in length, more stable running.

### ANTI COLLISION SYSTEM IN CARRIAGE

It is easy and convenient to adjust the printhead height according to different media. And anti collision system installed on both sides of carriage, which automatic detect any force on carriage way to protect the printhead inside.
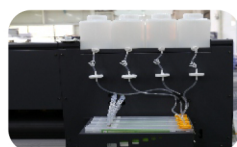
### LIFTABLE HEAD MAINTENANCE STATION

Advanced head clean and moisture unit, easy to operate and maintenance. Auto or Manual mode can be selected.

### BULK TANK AND SUB-TANK INK SUPPLY SYSTEM

Bulk tank and sub-tank Ink supply system which makes sure constant ink supply and guarantee output quality. Ink starving alarm is equipped to remind operator to refill ink timely.

### IMPORTED FLUORORUBBER PINCH ROLLER

Imported fluororubber pinch roller, preventing statics which may result in ink misting during printing. Specially designed pinch roller, which can be lifted up independently to eliminate wrinkle during printing.

### INTELLIGENT TAKE UP UNIT WITH INFLATABLE ROLLER

Support max 1000m media loading, which can reduce the frequency of media loading. There is swing shaft with sensor bar which can provide constant tension during media taking up.

Note: The triple-head machine of this device is optional.

## TECHNICAL PARAMETERS

| Model | FD5193E |
|---|---|
| Printhead | Type: EPSON I3200-A1 Printhead   Nozzle Quantity: 3200 |
| Printhead Quantity | 3 |
| Print Speed | 3pass    85m²/h<br>4pass    65m²/h<br>6pass    45m²/h |
| Ink Type | Type: Sublimation Ink, Water-based Ink(Dye or Pigment), Color: CMYK |
| Print Width | 1900mm |
| Print Media | Transfer Paper |
| Material Transmit | Pinch roller mode |
| Dryer | Extra Intelligent Dryer Device |
| Moisture Mode | Full Seal Auto Moisture and Cleaning |
| Rip Software | Maintop(standard equipped), Photoprint, ONYX, neoStampa, etc. |
| Image Format | JPG, TIF, PDF, etc. |
| Computer Configuration | Computer Systerm: Win7 64Bits  Win10 64Bits<br>Hard Disk: 500G or more, GPU: ATI Mobility Memory 4G<br>Random Access Memory: 8G<br>CPU: Intel 4 i5/i7 processor or above<br>Transmission Interface: Giga-bit Ethernet Port |
| Optional Configuration | Tension Take-up and Feeding System<br>Intelligent Drying System<br>Liquid Level Alarm System |
| Working Environment | Temp.: 18℃-30℃,   Humidity: 35%-65% |
| Power Supply | 210-230VAC |
| | Machine Printing Power: 4.4KW<br>Dryer: Max 3.6KW |
| Machine Size | Dimension: 3180*1025*1670mm<br>Packing: 3360*950*1150mm<br>Tension System: 2460*430*380mm |

*The technical indicators and content of the machines are subject to the actual sales of the machine. The technical parameters and content of this brochure will be changed without further notice. The right of interpretation belongs to the manufacturer.

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