

# Mars 8R - Super Grand Format Advertising Image Solution

Main Target Market : high-definition light box, film printing



- ◆ 5m super grand format printing
- ◆ 16 industrial heads
- ◆ Double rows of 8 colors, presenting a wider gamut



Updating your grand format printing  
into a photographic level !

## The exquisite work of JHF

20 years technical accumulation integrated experiences from hundreds of high-end clients



Mars 8R , 20 years technical accumulation



## Mars 8R Super Grand Format

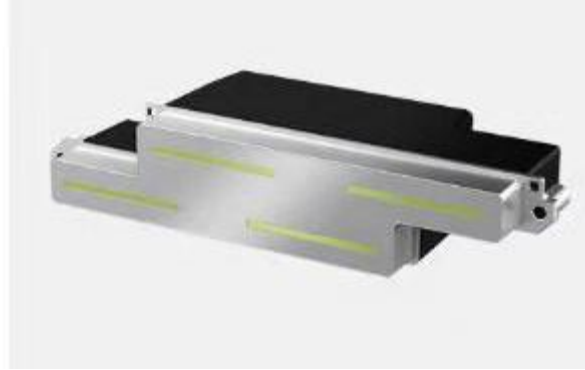
- ◆ Printing Width 5000mm
- ◆

|        |              |                      |
|--------|--------------|----------------------|
| 3 Pass | 300×1800dpi  | 255m <sup>2</sup> /h |
| 4 Pass | 600×1200dpi  | 200m <sup>2</sup> /h |
| 6 Pass | 600×1800dpi  | 135m <sup>2</sup> /h |
| 8 Pass | 1200×1200dpi | 105m <sup>2</sup> /h |
- ◆ Media: PVC , PET film, fabric, soft signage material and other roll materials
- ◆ Interface: PCIE
- ◆ Power: 3-phase 380V/25KW



## 8R Features

### EPSON Industrial Head



- ◆ Nozzle resolution: 600dpi (2 rows)
- ◆ Variable ink drop technology, greyscale printing, enjoying a higher accuracy and production
- ◆ S shape design, high productivity, high image quality, head expandability.
- ◆ Ink circulation mechanism, stable inkjet printing



### 软件技术

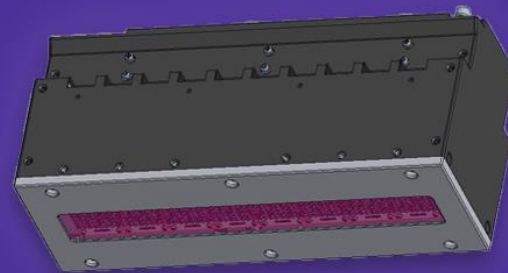
爱普生独特的打印头波形控制技术，为用户带来更快的印刷速度和更高的印刷品质。

## High Quality LED Lamp

- ◆ Digital Curing Solution
- ◆ Unique design preventing ink absorption into the lamp
- ◆ Multi-customized led lamps are optional

数码喷墨喷绘  
印刷UVLED固化光源

≈≈ 标准款 ≈≈



低功耗

小于  
1200W/照射头 (可灵活定制)

光照  
面积

256\*20mm

波长

395  
可定制  
365/385

高光强

15W/cm<sup>2</sup>

散热

风冷



- ◆ Mute linear guiding offers higher accurate and quiet printing.
- ◆ Linear-driven motor its metal raster ensures the high precision and stable movement of carriage.
- ◆ Closed loop high resolution controlling technology

## Higher Resolution, Higher Speed

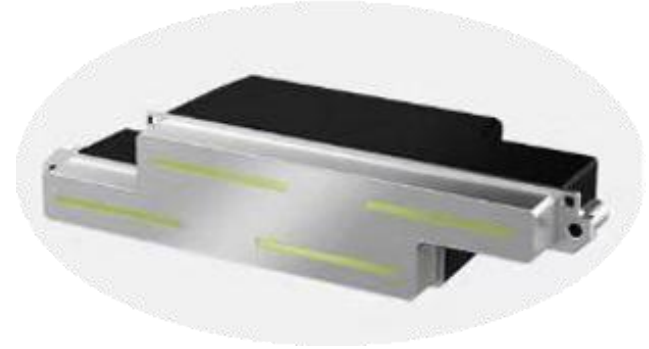
- ◆ Negative pressure controlling device reduces 90% compressed air improving the service life of the air compressor effectively.
- ◆ Fully automatic height adjustment decreases the manual error.
- ◆ Automatic detection of media position, simultaneous printing of different tasks



Machine Size : 8470mm\*1730mm\*2330mm 7700KG



## Accurate and Faster



- ◆ Perfect alarming systems such as material shortage alarm, negative pressure alarm and ink supply alarm.
- ◆ Customized multi layers can be printed at one time.
- ◆ Auto-detection of media edges of single roll or multi rolls

- ◆ Four large rubber rollers minimize the media winding possibility and the feeding deflection, and grip the media without damaging it.



Robust machine frame ensures superb reliability without deformation



User  
Friendly  
design

- ◆ Emergency stop pulling rope ensures the operator can stop machine immediately when emergency occurs.

## Eco-friendly National Patents



- ◆ LED lamp delivers instant curing, excellent image quality and color vibrancy.
- ◆ Accurate picture of each spot through patented feeding system with larger rubber rolls.
- ◆ National patented robust structure provides firm foundation for feeding system.



**Thank you !**