

ORANGE



To know more
or request a
demo of the

Ko/o Rado

alpha SERIES,
get in touch
with us today!

E : Sales@orangeotec.com

www.orangeotec.com



www.orangeotec.com

12 HEADS
DYE SUBLIMATION
PRINTER

INDUSTRIAL GRADE SPEED
6400 LM/ Day



8 HEADS
DYE SUBLIMATION
PRINTER

INDUSTRIAL GRADE SPEED:
3800 LM/ Day

Ko/o Rado

alpha SERIES

Start With Us, Grow With Us



ORANGE

Ko/oRado

alpha II

8 HEADS
DYE SUBLIMATION
PRINTER

INDUSTRIAL
GRADE SPEED:
3800 LM/ Day



Ko/oRado


alpha III

12 HEADS
DYE SUBLIMATION
PRINTER

INDUSTRIAL
GRADE SPEED:
6400 LM/ Day



FUNCTIONS
& FEATURES

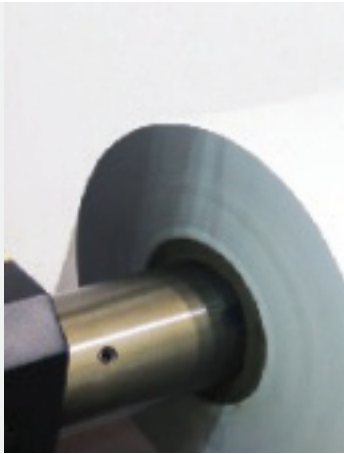


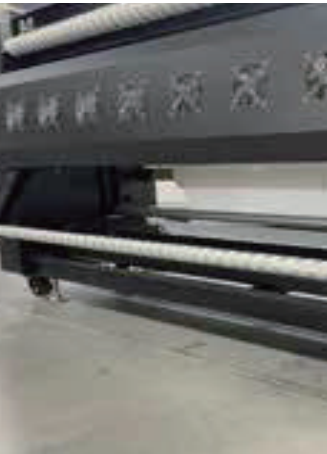
Lack-of-media sensor

Simple and clear, indicates the sensor detects media absence

Exceptional media handling capability

Jumbo media roll maximum 1000m media load






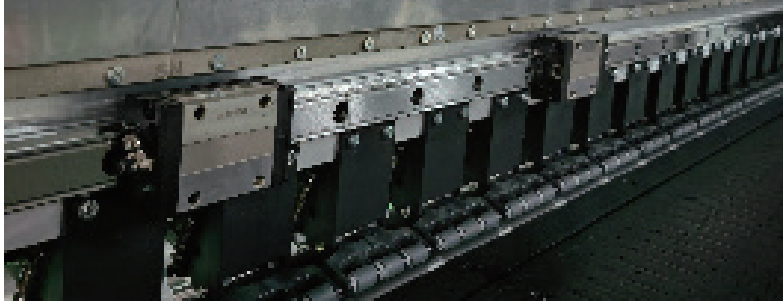
Up-down tension control

Advanced Bi-Directional Tensioning Ensures Perfect Fabric Handling

Delivering exceptional detail and speed

Twelve 132W Heads CMYK 2 external infrared drying units





Direct Drive Linear Motor System Mute Linear Motor System, no belt & no PVC encoder strip to improve the Carriage moving precision and Span life.



Exceptional Stability

200W DC servo motor with good stability and long service life



Negative pressure ink supply system

Optimized for Long-Run Printing Optimizes ink flow, minimizing the risk of running out of ink during critical print jobs



Vacuum Ink with On-Line Filter

Filters ink and air impurities to achieve Impurity-free printing for superior print quality and production efficiency



Longer Life




Auto Cleaning




High Performance



High Efficiency



High Stability



High Precision

i3200-A1

1900mm 6400 LM/ Day Print Speed



TECHNICAL
PARAMETERS

| | | | |
|---------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| Model | ALPHA 3 | | |
| Printhead | Type: EPSON i3200-A1 Printhead Printhead Quantity:12 Nozzle Quantity: 3200 | | |
| Print Speed (Tested on linear printing without feather function) | High-speed Mode 360*1200dpi 1PASS: 6400 LM/ Day 360*1200dpi 2PASS: 3000 LM/ Day | | |
| Ink Cartridges | Type | Dye Sublimation Ink | |
| | Supply | Siphon + Automatic Ink Replenishment | |
| | Color | CMYK (6colors or 8colos Optional) | |
| Print Width | 74.8 in. (1900 mm) | | |
| Print Media | Transfer Paper | | |
| Dryer | Extra Intelligent Dryer Device | | |
| Rip Software | RIIN Beidou Textile Version | | |
| Image Format | JPEG, TIFF, PDF, etc. | | |
| Computer Configuration | Operating System win7 64 bit / win10 64 bit | Hardware Requirements CPU: 17 Processor (ath generation or higher) Hard Disk 500g+(solid state disk) Operating Memory 16g, Graphics Card: ATI display 4G memory, Motherboard: ASUS, Gigabyte | Data Transmission USB3.0 |
| Working Environment | Temp.: 18°C-30°C, Humidity: 35%-65% | | |
| Power Supply | Input Voltage Printer Drying unit power | AC 220 V +- 5 %, 16A, 50 HZ+- 1 2500W Maximum 8kw | |
| Dimensions(with stand) | 3500(W)x1981(D)x2150(H) mm | | |
| Package Dimensions | 3670(W)x1981(D)x1850(H) mm | | |
| Accessories | USB cable, media clamp, manual, drain bottle, ink cartridges, Rip Software etc | | |

*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.

FUNCTIONS
& FEATURES

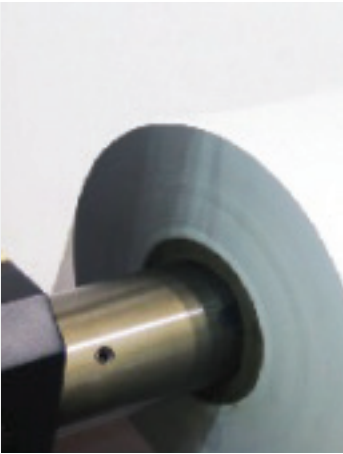


Up-down tension control

Automatically manages the tightness of the fabric

Accommodates Jumbo Media Rolls

Up to 1000m for High-Volume







Inflatable take-up and feed media shaft.

A convenient and efficient way to manage fabric rolls

Frequency motor control

Delivering exceptional detail and speed
Twelve 132W Heads.
CMYK + 2 external infrared drying units.





Double High-precision mute rail.

For increased stability and rigidity, reducing vibrations and improving print quality



High-Performance Printing

Stable 5L bulk system ensure amazing printing speed.



Non-Stop Printing with Auto-Winding

Combines speed with automated fabric handling



Rear media balance bar.

Maintains consistent tension and stability of the fabric



Longer Life



Auto Cleaning



High Performance



High Efficiency



High Stability



High Precision

i3200-A1

1900mm 3800 LM/ Day Print Speed



| | | | | | | |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|--------------------------------------|----------------------|----------------------------|-----------------------|-----------------------------|
| Model | ALPHA 2 | | | | | |
| Printhead | Type: EPSON i3200-A1 Printhead | | Printhead Quantity:8 | | Nozzle Quantity: 3200 | |
| Print Speed <small>(Tested on linear printing without feather function)</small> | High-speed Mode 360*1200dpi 1PASS: 4000 LM/ Day 360*1200dpi 2PASS: 2000 - 2200 LM/ Day | | | | | |
| Ink Cartridges | Type | Sublimation Ink | | | | |
| | Supply | Siphon + Automatic Ink Replenishment | | | | |
| | Color | CMYK (Optional 4 Colors) | | | | |
| Print Width | 74.8 in. (1900 mm) | | | | | |
| Print Media | Width | 72 in.(1830mm) | | 87.8in.(2230 mm) | | |
| | Thickness | Maximum 39 mil(1mm) | | | | |
| | Weight Media Load | 3000m | | | | |
| Print Width | 70.8 in.(1800mm) | | 86.6 in.(2200mm) | | | |
| Print Media | Transfer Paper | | | | | |
| Dryer | Extra Intelligent Dryer Device | | | | | |
| Rip Software | Maintop, FlexiPRINT, ONYX, Neostampa and etc. Maintop6.1(Standard Equipped) | | | | | |
| Image Format | JPEG, TIFF, PDF, etc. | | | | | |
| Computer Configuration | Computer System: | Hard Disk | RAM | GPU | CPU | Transmission Interface |
| | Win7 64Bits Win10 64Bits | 500G or more (SSD is recommended) | 16GB | ATI Mobility Memory 4GB | Intel 17 Processor | Dual Gigabit Ethernet Ports |
| Working Environment | Temp.: 18°C-30°C, | | Humidity: 35%-65% | | | |
| Power Supply | Input Voltage | AC 220 V +- 1 0%, 50/60 HZ | | | | |
| | Printer | 2500W | | | | |
| | Drying unit power | Maximum 8kw | | | | |
| Dimensions(with stand) | 3400(w)x1800(D)x2000(H)mm | | | | | |
| Package Dimensions | 3800(w)x1300(D)x2000(H)mm | | | | | |
| Accessories | USB cable, media clamp, manual, drain bottle, ink cartridges, Rip Software etc | | | | | |

*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.