



**270**  
sqm/h

**Productivity**

## A NEW GENERATION OF DIGITAL INKJET PRINTERS FOR DIRECT PRINTING ON FABRIC

Aleph LaForte® Fabric is a large format plotter developed for medium volumes of industrial digital textile printing.



4 / 6 / 8 Colours

Dyes: reactive, acid, pigment, sublimation, direct disperse



Maximum speed:  
460 sqm/h



Number of print heads:  
up to 8



Maximum width:  
1850/3200 mm



Dyes:  
reactive, acid,  
pigment, sublimation,  
direct disperse



Maximum resolution:  
1200 dpi



Roll to roll  
material belt  
transport system  
on rotary belt



Number of colours:  
4/6/8



Top of the range



## STRONG POINTS

### Studio range

A range designed for medium productions for direct textile printing on fabric and is based on Aleph LaForte® technology to guarantee quality at all stages in printing, and can reach a maximum speed of 460 sqm/h, according to the selected configuration.

### Resolution and print quality

Reaches the maximum resolution of 1200 dpi with piezoelectric variable drop technology from 4, 7, 12, 18 and up to 60 pico litres, with a precision of progress of under 20 microns.

### Automatic alignment

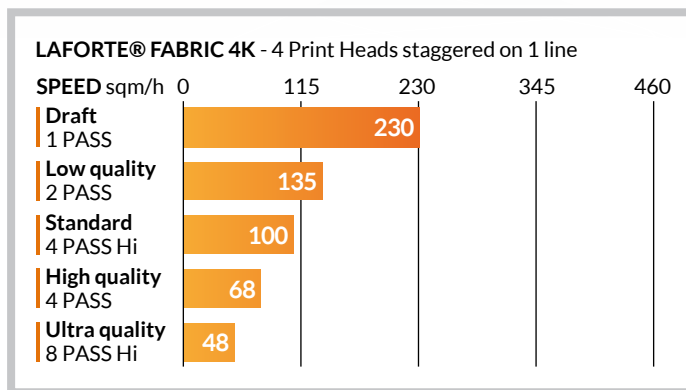
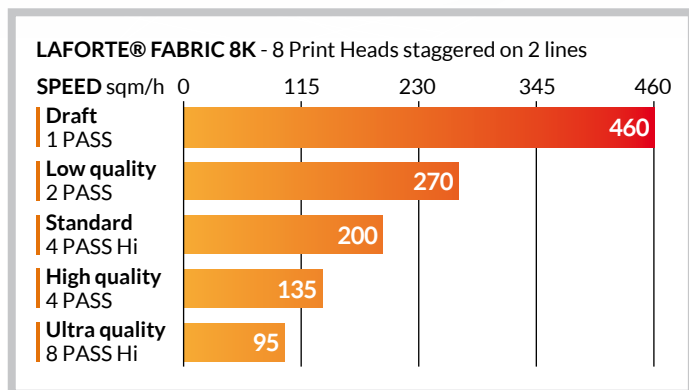
The automatic alignment of the print heads, further perfected, and the fastness of the printed substrate guarantee perfect print.

### Innovative control software

Innovative variable drop management software to guarantee uniform printing accentuating the clear, authentic effect and completely avoiding the dithering effect.

The new software matrices designed for dot layout guarantee exceptional yield compared to competitors' machines, putting LaForte® printers on an even higher level in terms of innovation and know-how.

## CONFIGURATIONS AND SPEED



## TECHNICAL SPECIFICATION



### PRINTING TECHNOLOGY

Inkjet variable drop 4pl to 72pl (2,656 nozzles - 2 colours)

### PRINTING AREA

1850/3200 mm

### PRINTING RESOLUTION

300/600/900/1200 dpi

### PRINTABLE SUBSTRATES

Fabric

### INKS

Reactive inks, acid dyes, pigments, dye sublimation, dispersed dyes

Number of colours: 4 colours, 6 colours, 8 colours

Capacity: 5, 10, 20 litre tanks

### OPERATING ENVIRONMENT

Temperature 18 °C ~ 28 °C (64 °F ~ 82 °F)

Humidity 40-65%

### SPEED

48 sqm/h - 460 sqm/h

### INTERFACE

Ethernet 10 Gb

### WATER CONSUMPTION

50 lt/h

### COMPRESSED AIR

6 ~ 8 bar

### MEDIA TRANSPORT SYSTEM

Rotary belt system

### INSTALLED POWER

16 kVA - 3 phases 380-420V +/- 10% 23A or less

### DIMENSIONS AND WEIGHT 1850 MM VERSION

4550 L x 2300 D x 1870 H mm - 2,700 Kg

### DIMENSIONS AND WEIGHT 3200 MM VERSION

5900 L x 2300 D x 1870 H mm - 3,000 Kg