LAFORTE[®] 200 Fabric

Technical Specifications

PrintheadType2.556 nozzle - 2 colour, Water basedPrintheadDrop Size4 pl to 72plNumber of printheads8pcsPrinting WidthMax.1800mmPrint ModeMax.100mmPrint ModeColouz 200, 900x600, 900x900 1200x1200, 900x600, 900x900 1200x120, 900x600, 900x900 1200x4FD 100	Ph Technology	Drop on-demand Piezo inkjet technology			
Drop Size 4p to 72pl Number of printheads 8pcs Printing Width Max. 1800mm Printing Width Max. 100mm Print Mode Constant State St		Туре			
Printing WidthMax.1800mmPrint ModeMin.100mmPrint ModeResolution600×300, 600×600, 600×900, 200×1200, 900×600, 900×900 1200×1200Print ModePasses1/2/3/4/6/8 (uni and bi-directional)Print ModePasses1/2/3/4/6/8 (uni and bi-directional)Print ModeOperating temperature20°C to 30°C (68°F to 68°F)HumidityFrom 35% to 60% RH (no condensation)Recommended printing environmentTemperature 22°C to 28°C (71.6°F to 82.4°F) Humidity 40%Recommended Storage environment16°C to 38°C (60.8°F to 100.4°F) Store the printer filled with in Operating environmentInkTank Capacity5kg/10Kg/20KgInkaleph® inksAcid, Disperse, Reactive, Nano TX Pigment M22™Size4680 (W) × 1900 (D) × 2260 (H) mmWeight2700 kgPowerFrequency50-60HzPower consumption12 KW – average running consumption 6KwhCompressed AirAir supply qualityStandard ISO 8573.1 – class 2.4.3Air consumptionMax. 250 L/hWater flow rateMax. 250 L/hWater flow rateMax. 250 L/hWater flow rateMax. 250 L/hPeeding System (standard)Max. roll size Ø0.5mt diameter / 200KgFeeding System (optional)Max. roll size Ø0.5mt diameter / 1 tonsTake Up unit (optional)Max. roll size Ø0.5mt diameter / 200 KgTake Up unit (optional)Paraumatir roll har2 inch standard	Printhead	Drop Size	4pl to 72pl		
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(optional) 2 inch standard		Max. roll size Ø	1.5mt diameter / 1 tons		
	(optional)				

aleph[®] inks

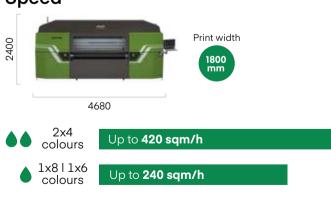
Substrate Compatibility

		F	Pigment	Reactive	Aci	d D	isperse
Nylon			0	0	•	I.	0
Nylon Ly	/cra		0	0	•		0
Polyeste	er		0				•
Silk			0	0	•		
Cotton			•	٠			
Polycott	on		•				
Viscose	/Rayon		•	•			
Linen			•	٠			
Wool			0	0	•		
Ink Colou	<u>ır</u>			•Rec	commende	d Use I o Po	otential Use
Pigment in	iks	_		_	_	_	_
Black	Cyan	Magenta	- Yellow	Orange	Green	Red	• Violet
Reactive							
\bullet			•	•			
Black	Cyan	Magenta	Yellow	Red	Orange	Blue	Light Black
Acid							Black
\bullet			•				
Black	Cyan	Magenta	Yellow	Red	Orange	Blue	Light Black
Disperse							
\bullet						•	
Black	Cyan	Magenta	Yellow	Violet	Red	Orange	Grey
BEACH	OEK	O-TEX®	C		ALEPH WALER REDUCTION	Se HKS	LDGRYDE

4 colours	8 colours
2xCMYK	

8 heads / 2 row / 16 colour line

Speed



* All the printing speeds have been calculated based on 1500mm-width printer and may vary depending on the substrates, the level of the quality and the selected print width.

Key Features

- Superior Productivity

Superior Printing Quality

- multi-pass printing

V Dual-Channel Printheads

- Drastically reduced maintenance costs due to the smaller

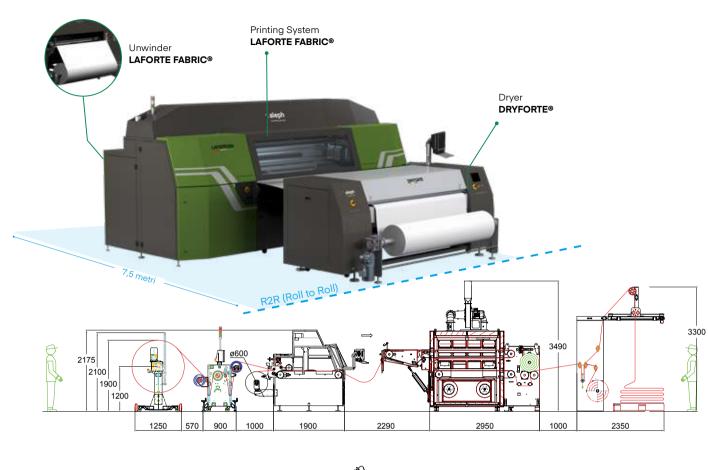
V Pioneering Media Feeding System

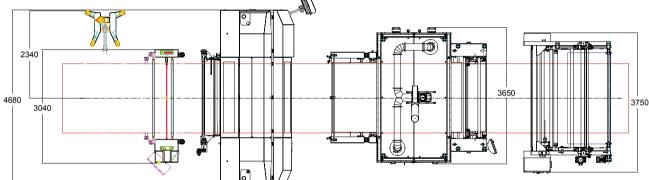
- Rotary sticky belt
- Advancement accuracy 40 microns
- superior quality
- Extremely low energy consumption reducing overall sustainable impact



Compact design and robust frame

Integrated Production Line





Full-line Configuration

- The setting is available for all printer models

- Accessories are available as optional

aleph In printing, we care

aleph specialises in developing and manufacturing advanced direct-to-fabric and direct to paper inkjet printers for the textile and visual communication industries and provides its customers with total, integrated solutions.

Founded in 1999 and headquartered at the heart of the Italian textile district of Como, the company has grown to become one of the leading international players in the digital printing space. With a dedicated sales force and a widespread distribution network, aleph operates in key textile and out-of-home markets across the globe.

The company's extensive experience in the textile industry has enabled aleph to progressively expand the offer and boost the service, with the final goal to actively contribute to customers' success. aleph offers integrated printing solutions, featuring proprietary software, cutting-edge digital printers, as well as drying systems and consumables.

aleph's green policy focuses on environmental and social sustainability. With the company steadily focused on innovation, aleph's customers can benefit from cost-effective technologies with reduced environmental impact and designed to increase the users' green reputation.





LAFORTE Fabric[®] Series

LAFORTE[®]340 LAFORTE⁶⁰⁰

A Must-have Solution for Mid to **High Print Volumes**



A Durst Group Company