

Scanning machines





MS Printing Solutions

MS Printing Solution is a Dover Digital Printing Company.

www.doverdigitalprinting.com

A long family history now reaching its 4th generation, full of experience and passion.

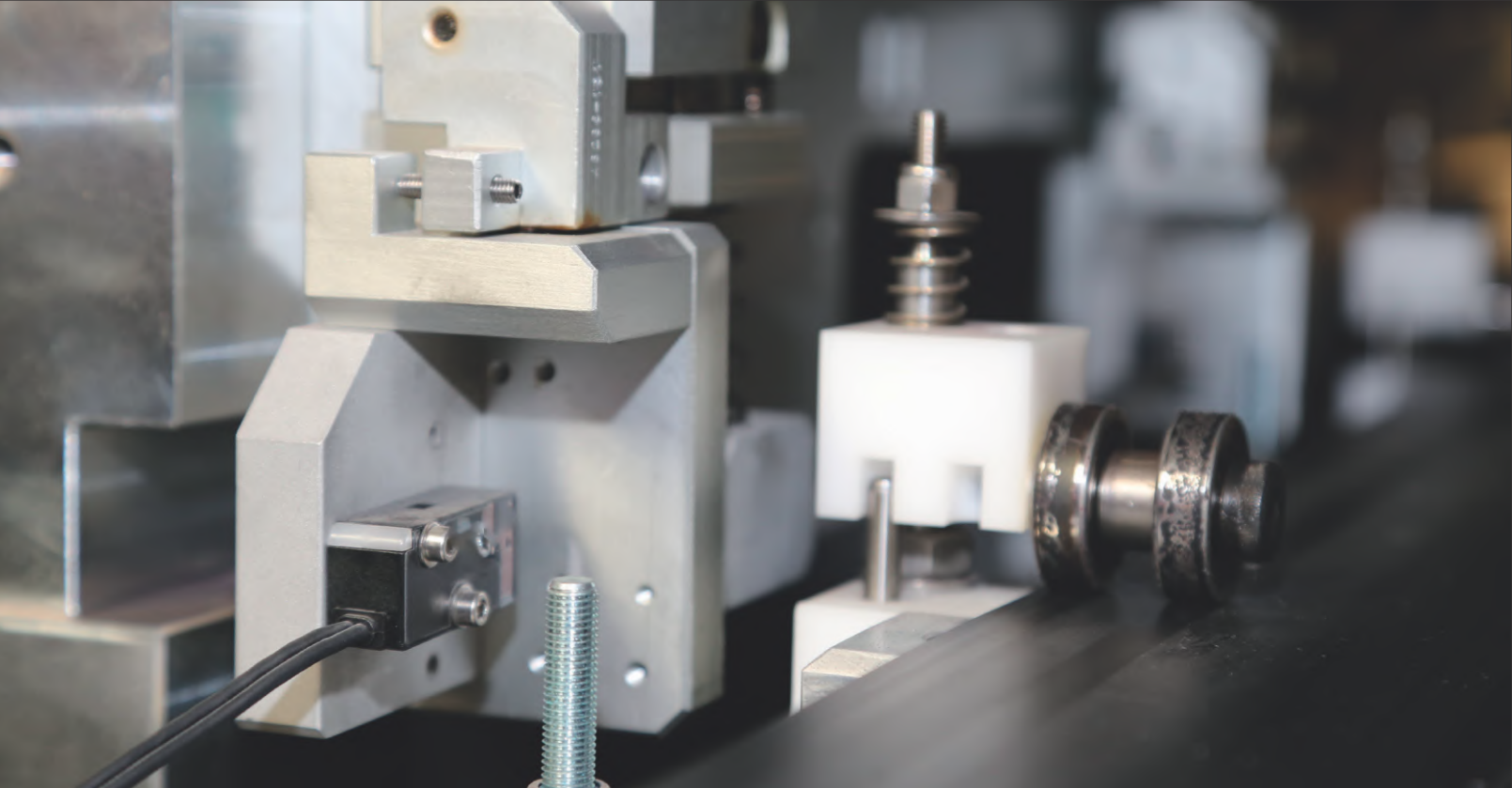
Tradition is very important for MS and with this deep knowledge of our industry, we strongly believe in the success of innovation.

The MS knowledge and experience allows us to develop innovative products for the demanding and ever changing market of digital textile printing.

Our modern technologies allow us to improve any aspect of textile printing, starting from performance and up to including the important environmental issues ..

The Versatility of these digital technologies also opens the way to different printed applications such as paper and plastic substrates.

“The digital revolution is far more significant than the invention of writing or even of printing.”



Why MS PRINTING SOLUTIONS

RELIABILITY IS THE RESULT OF MORE THAN 20 YEAR'S WORK IN DIGITAL PRINTING.

Quality and reliability are a matter of details. We work hard day-by-day going deep into each process step to maintain our high-standard reliability criteria unchanged.

CUSTOMER LISTENING SECURES OUR LONG-TERM SUCCESS

Fast and high-profile service creates an ongoing dialogue with our customers and this is a key success factor. Every single change permits us to improve performance beyond what would have been possible.

SUSTAINABILITY IS OUR DUTY

Developing sustainable technologies is our responsibility towards future generations. To move on from words to facts we have created # transparent water: 100L/kg water consumed in traditional textile finishing 90% the percentage we want to save in our processes-10L of water a year per capita what we proposed to return with 300 single pass "dry printing"

INNOVATION IS THE STARTING POINT

Only staying always one step ahead, we can drive the tech change. We have done this with LaRIO single pass; we will do it again ending today the innovative solutions to meet tomorrow's demands.

SHARING KNOWLEDGE

Exploring digital textile limits, experiencing live the high performance, gaining confidence with the printing systems to fully exploit the power of our solutions. Our Academy is place where performance-driven people can reach the best results.

Why we have chosen Kyocera inkjet printhead

PRINTHEADS ESTABLISHED TECHNOLOGY

Kyocera printheads are highly robust and designed for textile printing. KJ4B Series is specially designed for high speed textile printing.

HEAD SIZE: 4,25 INCH HIGH PRODUCTIVITY

The size allows to cover more printing surface in one passage only. Assuring higher productivity in order to meet the retailers demands in which, the production process is res more quickly than the other segments.

VARIABLE DROP FROM 4 TO 18 PICOLITERS

Drops variable size allows to assure the best balance between productivity and printing definition required in textile printing, ensuring high performance and high speed.

PRINTING HEADS PROGRAM

Possible access to the “printing heads program to support customers”



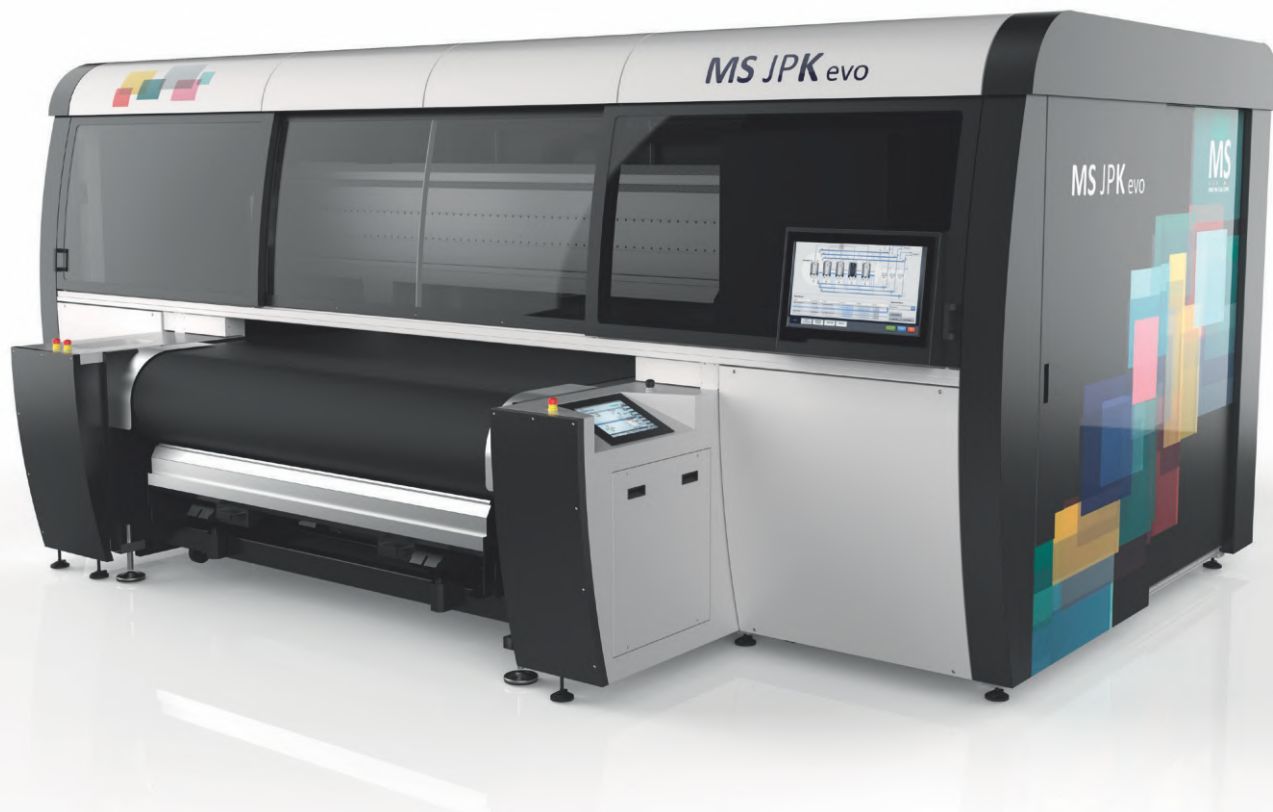
Quality and reliability are a matter of details

Same Print Result (SPR) concept is at the core of our conviction and characterizes the entire range of MS products. For us it would be inconceivable to approach a new digital industrial printing technology without being able to multiply the productions in the future.

But it would be even more inconceivable to multiply the productions having to change the existing color-charts, without get the same chromatic printing results due to the use of diferent printing.

SRP means being able to choose any MS machine with the confidence that it can reproduce the same colorisitic results, using the same printing conditions.

¹ Access to the program is subjected to Ms's assessments and approval. Conditions are indicated in the “printing heads program”



JPK EVO

Reliable

GENERAL INFORMATION

JPK EVO is an high-end reliability industrial printing machine designed for long production runs. It is suitable to print both paper and fabrics. Our customers choose JPK EVO for the following segments and applications:

- Clothing and Accessories
- Home Textile
- Blinds and fabrics for furniture
- Technical fabrics (automotive)

WHEN TO CHOOSE JPK EVO PRINTING SYSTEM

JPK EVO is the right choice for those is looking for high productivity top-performance and the best work ow planing for the full production process.

JPK EVO	Substrate	HS	Nr° of colors
	Fabric	1800	8
		3200	8
	Paper	1800	8
		3200	8



JPK EVO



Printing heads	Nr° 32 - KJ4B
Print heads Resolution	600 DPI
Printing Resolution	600 x 600 DPI
Production Speed	See table
Printing Width	1000 ÷ 3200
Drop size	4 to 72 Picoliter
Optional	See Optional Leaflet



2xCMYK max speed 1500/3000			p mode	2xCMYK production speed 1500/3000			p mode	8 colors max speed 1500/3000			p mode	8 colors production speed 1500/3000			p mode
m/h	m2/h			m/h	m2/h			m/h	m2/h			m/h	m2/h		
550	825		A	355	533		C2-2p	485	728		A	300	450		C-2p
415	1.245		A	250	750		C2-2p	350	1.050		A	200	600		C-2p
550	825		A	350	525		B2-2p	550	825		@	350	525		B2-2p
415	1.245		A	250	750		B2-2p	415	1.245		@	250	750		B2-2p

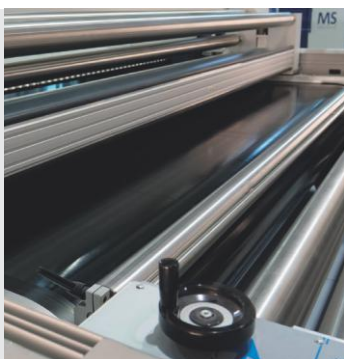
speed: m2/h @ = minimum deposit H = maximum deposit A > G = Intermediate values determined by the printing condition

Why they are the best in their segment

Perché sono le migliori nel loro segmento

The 32 printhead sure a higher density of drops in the drawing area by equal passes, granting the top printing speed performances.

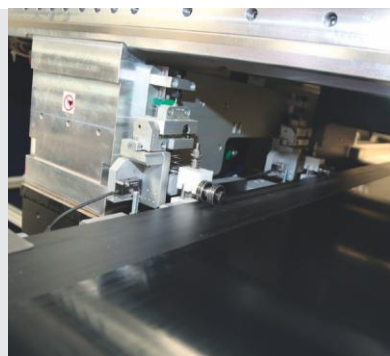
Industrial productivity. JPK EVO's print speeds combined with its multiple possible configurations make it possible to satisfy the most competitive time-to-markets.



Heated driven pressure roll. Mechanical cylinder, electrically heated, that stretches the fabric on the printing belt in an optimal way.

On-line drying (Power-D-Third passage) allows the direct drying of the media after printing for increased efficiency and optimized workflow.

Head crash protective system by 2 laser-beam sensors. It allows the precised detection of the printing media unevenness by preventing the contact with the printing heads.



Inline ink degaser. It allows the removal of any latent air bubble present in the ink, guaranteeing the highest print quality.



JP7

Flexible

GENERAL INFORMATION

Jp7 is an industrial digital printing machine provided with transportation sticky belt. It has been designed to print both fabric and paper. Our customers choose Jp7 for the following segments and applications:

- Sportswear
- Fashion
- Accessories

WHEN TO CHOOSE Jp7 PRINTING SYSTEM

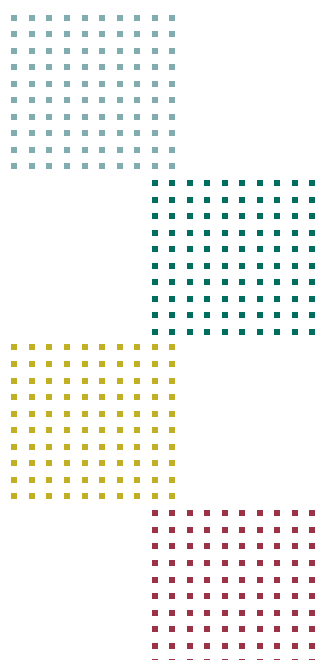
JP7 is the right choice for those who want to increase production capacity by reducing operating costs and ensuring a rapid return on the investment.

JP7

Substrate	HS	Nr° of colors	Max speed	p mode	Production speed	p mode
Fabric	1800	8				
Paper	1800	8				



JP7



Printing heads	Nr° 16 - KJ4B
Print heads Resolution	600 DPI
Printing Resolution	600x600 DPI
Production Speed	See table
Printing Width	1800
Drop size	4 to 72 Picoliter
Optional	See Optional Leaflet



2xCMYK max speed 1500/3000			2xCMYK max speed 1500/3000			2xCMYK max speed 1500/3000			2xCMYK max speed 1500/3000		
m/h	m2/h	p mode	m/h	m2/h	p mode	m/h	m2/h	p mode	m/h	m2/h	p mode
325	488	A	190	285	C-2p	295	443	A	160	240	C-2p
325	488	A	190	285	B2-2p	340	510	@	205	308	B2-2p

speed: m2/h @ = minimum deposit H = maximum deposit A > G = Intermediate values determined by the printing condition

Why they are the best in their segment

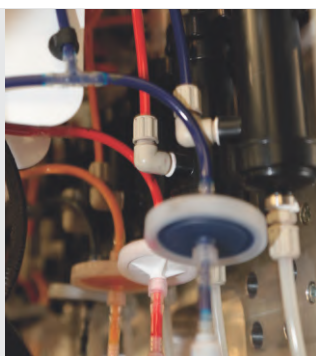
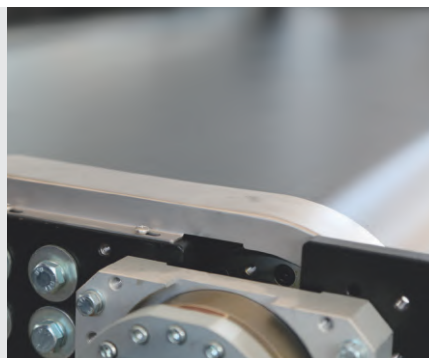
Perché sono le migliori nel loro segmento



The Printheads number can scale-up. A flexible solution allows to modulate your investment, improving the whole system efficiency.

industrial High-productivity. The print speeds reached make it possible to satisfy the most competitive time -to-market.

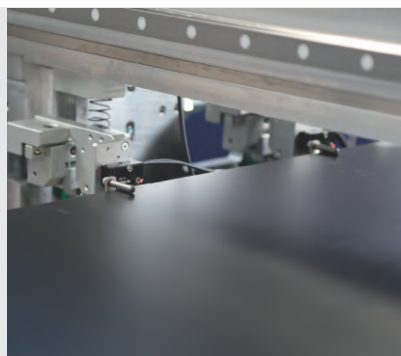
Great Flexibility: The adhesive coated belt ensures the stability of the media to print. Media can be numerous including elastic fabrics.



High capacity color tanks (integrated into the machine) allow the high efficiency of the refill process.

Inline ink degaser. It allows the removal of any latent air bubbles present in the ink, guaranteeing the highest print quality.

Head crash protective system by 2 laser-beam sensors. It allows the precise detection of the printing media unevenness by preventing the contact with the printing heads.





MORE THAN
1000 MACHINES
INSTALLED
WORLDWIDE

MS JP4 320	MS JP5 109	MS JP6 132
MS JP7 323	MS JPK 147	MS Lario 27

135 MACHINES
INSTALLED
IN INDIA

MS JP5 25	MS JP6 14	MS JP7 88
MS JPK 7	MS Lario 1	



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