HP CLASS

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The Markoprint Shutter Printhead goes the extra mile, keeping itself clean and prepped to print even with long periods of downtimes. The unique printer seals itself automatically during pauses in production, combating clogged nozzles, poor print quality and prematurely dried out cartridges. This feature is also great for dusty environments as it keeps the cartridge nozzles clean. When you're ready to begin production again, an upstream input signals the head to open and it is then ready to print without an operator at the site of the printer.

The Shutter Printhead can print up to 12.5mm (≈1/2"), and offers an array of ink types and colors for printing onto absorbent and non-absorbent materials. This unit is also available in a twin head with up to 25mm (1") print height.

Uptime advantage- no need to remove cartridges during breaks in production.

This unit is compatible with the X2JET, X4JET, Integra Quadro, & Integra Quadro². Multiple configuration options are available depending on the application requirements that allow for printing alphanumeric text, 1D & 2D barcodes, graphics, live date, time, & sequential numbers.

High resolution codes at fast speeds with excellent adhesion on plastic, glass, metal, as well as other porous and non-porous substrates.

Simultaneously print essential information while ensuring legibility with this high-resolution unit.

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General information	
Printing technology	Thermal Inkjet Technology
Supported printing technologies	HP
Max. number of printheads	1
Max. number of production lines	1
Length	281 mm
Width	60 mm (incl. deflector)
Height	102 mm (205,5 mm with open cap)
Protection class	IP40

Performance data	
Cable length in m:	
Printhead cable	3
Max. length printhead cable HP	13
Max. length connection cable	5
Max. length sensor cable	5
Time to open	ca. 1,5 seconds
Time to close	ca. 1,5 seconds
Distance pre-pulse	4 seconds
Max. print height in mm	25
Max. print resolution in dpi	900
Max. print speed in m/min:	
HP at 300 dpi	90
HP at 300 dpi HiSpeed	180
Recommended for barcodes	max. 60
Print direction	L/R or R/L, from top or side. Print from bottom is not possible

Technical changes reserved at any times

ADVANTAGES

» Self sealing system prevents dust and debris from settling on the nozzles as well as ink from drying out

» No need to remove cartridges during breaks in production

» 12.5mm-25mm print height options

» Messages are created with the included Software

» Maintenance free ink cartridges

» Solvent and waterbased ink cartridges in multiple colors