

Thermal Inkjet

Videojet® 8520 Wolke m610® print sample guide













Clear, consistent codes

The Videojet 8520 and Wolke m610 printers are the among the highest resolution industrial inkjet printers in the market. This is accomplished through the use of HP® thermal inkjet cartridges, which have a maximum print resolution of 600×600 dpi. High resolution means clear, easy to read alphanumeric characters, while enabling more complex coding options and the ability to print 1-dimensional bar codes (UPC, GS1 128), alternate fonts, logos, and the increasingly popular 2-dimensional codes such as GS1 DataMatrix and Quick Response (QR) codes. The benefits do not stop there. Because the cartridge contains the printhead and ink supply, there is no costly maintenance associated with pumps, filters, or tubing. There are no messy ink changes or nozzle washdown procedures Ultimately, the simple design translates to easy operation through fast cartridge replacement. The 8520 and m610 thermal inkjet printers meet the needs of a variety of applications.



Consumption Chart

Font Height (mm)	Code Dimensions (mm)	Approx. Number of Codes Per Cartridge	Print Sample
3.0	3 x 21	538,000	9-30-2019
3.0	3 x 32	359,000	EXP 9-30-2019
3.0	7 x 20	269,000	9-30-2019 A62835T
3.0	7 x 32	186,000	EXP 9-30-2019 LOT A62835T
2.0	9 x 39	124,000	GTIN 03453120000011 EXP 09-25-19 LOT ABCD1234
2.5	12.7 x 36	56,000	2 94761 52937
1.8	12.7 x 70	27,000	(10)0114254(99)11:21

Line speed vs. horizontal resolution of Videojet and Wolke printers

The maximum line speed of 8520 and m610 printers is determined only by the horizontal resolution setting of the code printed. The code height is a function of the number of printheads selected, and is independent of the production line speed. See chart below for details. Regardless of whether the code is a single line of text, multiple lines of text, tall bar codes, complex graphics, or any combination thereof, productivity will never be compromised by the amount of content required in the code.

Vertical Resolution (dpi)		Max Line Speed (meters/min.)	Max Print Height (inches/mm)		
		600	300		8520, m610 touch, m610 advanced, m610 oem
Horizontal Resolution (dpi)	600	LOT A62835T	LOT A62835T ☐ 9-30-19	30.5	
	450	LOT A62835T ☐ 9-30-19	LOT A62835T ☐ 9-30-19	39.6	2 inches (50.8mm)
	360	LOT A62835T ☐ 9-30-19	LOT A62835T ☐ 9-30-19	48.8	
	300	LOT A62835T ☐ 9-30-19	LOT A62835T ☐ 9-30-19	61.0	
	240	LOT A62835T 9-30-19	LOT A62835T 9-30-19	76.2	
	200	LOT A62835T	LOT A62835T ☐ 9-30-19	91.4	
	180	LOT A62835T 9-30-19	LOT A62835T 9-30-19	100.6	
	150	LOT A62835T 9-30-19	LOT A62835T 9-30-19	121.9	

All samples shown above were printed with Premium Black ink (part # WLK660068). 300 x 300 dpi represents the industry standard for coding primary packaging. Typical dry times are 1-2 seconds. While print resolutions below 300 x 300 dpi may improve the dry time, increasing the print resolution may result in longer dry times. Please contact your Videojet representative for a complimentary evaluation.

Capabilities to meet just about any specification — including bar codes, fonts, graphics and more.

Description	Print Sample			
Linear bar codes Wide range of bar codes for automatic identification. UPC A&E EAN 8 & 13; Code 128 A, B&C UCC/EAN 128; Code 39; Interleaved 2 of 5.	1234 5670 EAN 8	1 234567 890128 EAN 13	1234567890 EAN 128	
(Samples shown were printed at 300 x 300 dpi using Premium Black ink)	1234567890 Code 39	1 23456 78901 2 UPC-A	1234567890 Codabar	
2D codes	194063			
Wide range of standard 2D and rectangular 2D DataMatrix, including GS1				
(Samples shown were printed at 300 x 300 dpi using Premium Black ink)	114(0)(0)(1)(1)(1)(1)	DataMatrix	QR Code	
Note: Not all 2D codes available on all printers	(01)12345678901237 (17)110718	(01)12345678901237 (17)110718	MESSIARSISSIN	
Logos and graphics	GS1 Databar - Stacked	GS1 Databar - Limited	MicroPDF 417	
Font sizes User-defined font sizes are fully adjustable. All TrueType* fonts available on 8520/m610 advanced, oem and touch models.	3mm Arial 5mm Arial 12mm			
Specialty fonts For use with Optical Character Recognition	Videojet Technol OCR-A	ogies Videoje	t Technologies ocr-в	

Call **+47 9041 8340** Email **post.no@videojet.com** or visit **www.videojet.no**

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