

# Print Sample Guide

**Videojet® 8510**  
**Wolke m600®**  
Thermal Ink Jet Printers



# Videojet® 8510 / Wolke m600®

Thermal Ink Jet Printers

The Videojet 8510 and Wolke m600 printers are among the highest resolution industrial ink jet printers in the market. This is accomplished through the use of HP thermal ink jet cartridges, which have a maximum print resolution of 600 x 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 wash-down procedures. Ultimately, the simple design translates to easy operation through fast cartridge replacement.



The 8510 and m600 thermal ink jet printers meet the needs of a variety of applications.

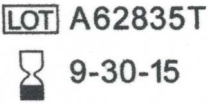
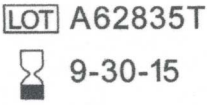
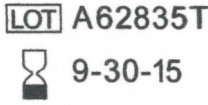
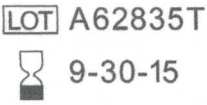
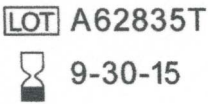
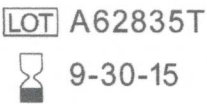
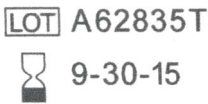
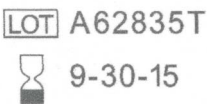
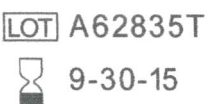
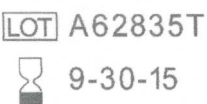
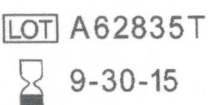
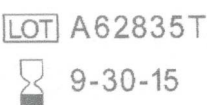
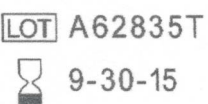
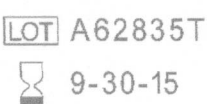
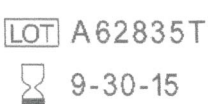
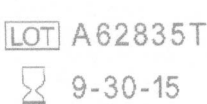
## Consumption Chart

Font Height (mm)	Code Dimensions (mm)	Approx. Number of Codes Per Cartridge	Print Sample
3.0	3 x 21	538,000	9-30-2015
3.0	3 x 32	359,000	EXP 9-30-2015
3.0	7 x 20	269,000	9-30-2015 A62835T
3.0	7 x 32	186,000	EXP 9-30-2015 LOT A62835T
2.0	9 x 39	124,000	 GTIN 03453120000011 EXP 09-25-15 LOT ABCD1234
2.5	12.7 x 36	56,000	 2 94761 52937 9
1.8	12.7 x 70	27,000	 {10}0114254(99)11:21

All samples shown above were printed at 300 x 300 dpi with Premium Black ink (part # WLK660068). Ink consumption varies based on the print resolution selected.

### Line Speed vs. Horizontal Resolution of Wolke Printers





The maximum line speed of 8510 and m600 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 (feet/min.)	Max Print Height (inches)	
		600	300		8510, m600 touch, m600 advanced	m600 basic
Horizontal Resolution (dpi)	600			100	↑ 2 inches ↓	↑ 1 inch ↓
	450			130		
	360			160		
	300			200		
	240			250		
	200			300		
	180			330		
	150			400		

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.

**Versatility comes standard.**

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

Description	Print Sample
<p><b>Linear bar codes</b></p> <p>Wide range of bar codes for automatic identification. UPC A&amp;E; EAN 8 &amp; 13; Code 128 A, B&amp;C; UCC/EAN 128; Code 39; Interleaved 2 of 5.</p> <p><i>(Samples shown were printed at 300 x 300 dpi using Premium Black ink)</i></p>	 <p style="text-align: center;"> <span>EAN 8</span>                      <span>EAN 13</span>                      <span>EAN 128</span>  <span>Code 39</span>                      <span>UPC-A</span>                      <span>Codabar</span> </p>
<p><b>2D codes</b></p> <p>Wide range of standard 2D and rectangular 2D DataMatrix, including GS1</p> <p><i>(Samples shown were printed at 300 x 300 dpi using Premium Black ink)</i></p> <p><i>Note: Not all 2D codes available on all printers</i></p>	 <p style="text-align: center;"> <span>DataMatrix</span>                      <span>QR Code</span> </p>  <p style="text-align: center;"> <span>GS1 Databar - Stacked</span>                      <span>GS1 Databar - Limited</span>                      <span>MicroPDF 417</span> </p>
<p><b>Logos and graphics</b></p>	
<p><b>Font sizes</b></p> <p>User-defined font sizes are fully adjustable. All TrueType® fonts available on 8510 / m600 touch.</p>	<p style="text-align: center;">                 2mm Arial                  3mm Arial                  5mm Arial                      <b>12mm</b> </p>
<p><b>Specialty fonts</b></p> <p>For use with Optical Character Recognition</p>	<p style="text-align: center;"> <span>Videojet Technologies</span>                      <span>Videojet Technologies</span>  <span>OCR - A</span>    <span>OCR - B</span> </p>



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