



**Small Character™**  
*Print Sample Guide*

*We Build Confidence...*  
*In Small Character Ink Jet Printing*



***Get confident. Contact us today.***

**Videojet's versatility covers a broad range of coding requirements:**

5X5 ACCUDROP MATRIX ABCDEFGHIJKLMNOPQRSTUVWXYZ 1234567890

5 X 5 HIGH SPEED MATRIX ABCDEFGHIJKLMNOPQRSTUVWXYZ 1234567890

5X5 TWIN LINE ABCDEFGHIJKLM  
1234567890 NOPQRSTUVWXYZ

5 X 7 HIGH SPEED MATRIX ABCDEFGHIJKLMNOPQRSTUVWXYZ 1234567890

6X7 BROADWAY FONT ABCDEFGHIJKLMNOPQRSTUVWXYZ 1234567890

7 X 9 STANDARD SPEED SINGLE LINE ABCDEFGHIJKLMNOPQRSTUVWXYZ 1234567890

NOW WE OFFER  
1 TO 4 LINE PRINTING  
IN A SINGLE PRINTER  
INTRODUCING THE EXCEL 2000 QUAD

BAKED FRESH  
DON JUNE 15TH  
BEST IF USED  
BY JUNE 30TH \$2.29

ABCDEFGHIHABCDE  
QUAD LINE  
NOPQRSTUVWXYZ  
123456789

7X9 TRI-LINE  
ABCDEFGHIJKL  
123456789012

10 X 16 TWIN LINE SINGLE LINE TWIN LINE

5 X 7 TWIN LINE ABCDEFGHIJ  
KLMNOPQRSTUVWXYZ 012345679

BEST IF USED BY  
1-8-93

10 X 16 5 X 7 TWIN LINE  
5 X 7 TWIN LINE 10 X 16

5 X 7 TRI LINE PRINT  
ABCDEFGHIJKLMNQRS  
TUWXYZ 1234567890

16 X 24 SINGLE LINE

A CONS DE PREF AVANT DE  
25 JUIN  
L638B2 5.2

5 X 7 HR SINGLE LINE ABCDEFGHIJKLMNOPQRSTUVWXYZ 0123456789

7 X 9 HR SINGLE LINE ABCDEFGHIJKLMNOPQRSTUVWXYZ 0123456789

5 X 7 HR TWIN LINE ABCDEFGHI  
JKLMNOPQRSTUVWXYZ 0123456789

10 X 16 HR 5 X 7 HR TWIN LINE SINGLE LINE

16 X 24 5 X 7 HR TRI LINE SINGLE LINE  
ABCDEFGHIJKLMNQRS  
STUWXYZ0123456789

Note: Dot size may vary depending on printer.  
Lower case characters available in all fonts via the keyboard except 5x5.

**Font:**

**Speed Available:**

Printer Versions:		Characters Per Inch	170i ULTRA	EXCEL 2D Ultra ***	ES/ES P	ES/ES HS	EXCEL 2D ES	170i SS (Tri-Line)	HR	EXCEL 2D HR ***	273 ES/HS/SS	178i ESI	Excel 2D Series	EXCEL 2000	Triumph Opaque	Triumph Opaque	37e	37plus
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5x5 Single Line	AccuDrop® to 916 fpm/279	10 cpi											•					
5x5 Single Line	Up to 1,111 fpm/338 mpm	10 cpi	•															
	Up to 916 fpm/279 mpm	10 cpi		•	•					•	•			•				
5x5 Twin Line	Up to 366 fpm/111 mpm	10 cpi											•					
5x7 Single Line	Up to 833 fpm/253 mpm	10 cpi	•															
	Up to 611 fpm/186 mpm	10 cpi		•	•					•	•		•	•				
	Up to 300 fpm/91 mpm	10 cpi												•				•
	Up to 119 fpm/37 mpm	10 cpi																
6x7 Single Line	Up to 611 fpm/186 mpm	8.5 cpi											•					
7x9 Single Line	Up to 223 fpm/68 mpm	10 cpi																•
	Up to 203 fpm/62 mpm	10 cpi		•	•					•	•		•	•				
	Up to 123 fpm/37 mpm	10 cpi													•			
Combination: 5x5 Quad Line/ 16x24 Straight Line	Up to 55 fpm/17 mpm	10, 3.3 cpi											•					
5x5 Quad Line	Up to 87 fpm/26 mpm	10 cpi										•						
7x9 Tri Line	Up to 66 fpm/20 mpm	6.7 cpi										•						
Combination: 10x16 Single Line/ 5x7 Twin Line	Up to 208 fpm/63 mpm	5 cpi	•*															
	Up to 157 fpm/48 mpm	5, 10 cpi		•	•					•	•		•	•				
	Up to 209 fpm/64 mpm	5, 10 cpi																•
5x7 Twin Line	Up to 444 fpm/135 mpm	10 cpi	•															
	Up to 262 fpm/80 mpm	10 cpi		•						•	•		•	•				
	Up to 196 fpm/60 mpm**	10 cpi		•	•					•	•		•	•				
	Up to 119 fpm/37 mpm	10 cpi														•		
	Up to 98 fpm/29.9 mpm	10 cpi								•	•		•					
5x7/10x7 Twin Line	Up to 444 fpm/135 mpm	5, 10 cpi	•															
	Up to 262 fpm/80 mpm	5, 10 cpi											•	•				
10x16/5x7 Twin Line	Up to 55 fpm/17 mpm	5, 10 cpi		•	•					•	•		•					
10x16/5x7 Twin Line	Up to 139 fpm/42 mpm	5, 10 cpi	•															
16x24 Single Line	Up to 128 fpm/39 mpm	3.3 cpi	•															
16x24 Single Line	Up to 55 fpm/17 mpm	3.3 cpi		•	•					•	•		•	•				
5x7 Tri Line	Up to 303 fpm/92 mpm	10 cpi	•															
5x7 Tri Line	Up to 110 fpm/34 mpm	10 cpi								•	•		•	•				
5x7 Tri Line	Up to 55 fpm/17 mpm	10 cpi		•	•					•	•		•					
Combination: Selective Bolderization																		
10x7/5x7/5x7 Tri Line	Up to 303 fpm/92 mpm	5, 10 cpi	•															
	Up to 110 fpm/34 mpm	5, 10 cpi								•	•		•					
5x7 Single Line	Up to 170 fpm/52 mpm	28 cpi							•									
7x9 Single Line	Up to 99 fpm/30 mpm	25 cpi							•									
5x7 Twin Line	Up to 53 fpm/16 mpm	26 cpi							•									
Combination: 10x16 Single Line/ 5x7 Twin Line	Up to 53 fpm/16 mpm	13/26 cpi							•									
Combination: 16x24 Single Line/ 5x7 Tri-Line	Up to 25 fpm/8 mpm	9/27 cpi							•									

Note: Character height may vary slightly depending on application and printhead distance to substrate.

\* 10 x 16 single line only.

\*\* Requires an external encoder to maintain 10 cpi at speeds above 157 fpm.

\*\*\* Refer to Videojet Sales Engineer for line speeds when printing Snowflake Codes.

## Videojet can code to order, to meet a variety of specifications

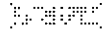
- To code for automatic identification: Bar codes



- Snowflake Codes



16 x 16  
EXCEL 2D Ultra



7 x 24  
EXCEL 2D



16 x 16  
EXCEL 2D



16 x 24  
EXCEL 2D



16 x 16  
EXCEL 2D HR

- To emphasize whole message or specific characters:

S X 7 TWIN LINE  
DOUBLE STROKE

Multi-stroke

AD12AER 346

Broadway font

- To code lengthwise along cable, tubes, pipes:

TOWER

←→

←→

Tower print – stacked, automatic reverse

REVERSE CHARACTER

EGASSEM ESREVER

INVERTED MESSAGE

Inverted and/or reverse characters or messages (Accommodates product lines going any direction, and products in various orientations on the product line)

- Katakana, Kanji, Korean, Chinese, Thai, Arabic, Hebrew and other unique-character languages

アイウエオ

Katakana

半透明

Kanji

ل ب ت ث ج

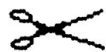
Arabic

- Special graphics and corporate logos:

S&C VIDEO JET



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TO OPEN CUT AT LINE



EXCEL

PRINTS BRIGHT  
CODES ONTO  
DARK SURFACES

- Variable codes: Alphanumeric/expiration dates, sequential numbering, work shift identification, codes that change automatically for different products traveling on the same line, and more.

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**Get confident. Contact us today:**

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