Tests Prove The 850XL Gives You **58% More Throughput** Than Its Competition!

850XL — 1632 pages*

*Calculated for 8-hour day, based on actual 50-page print test
All printers run in 10 CPI, 6 LPI, 136 columns.

Tall claims.
Many companies say they offer the fastest printer with the best value for your money. We decided to challenge those claims . . . and we won! ***We*** clearly deliver more throughput for your money.

We took five competitors and ran a Lotus™ 1-2-3 spreadsheet under the exact same conditions, to let you be the judge.* The 850XL not only delivered 58% more throughput than its closest competitor, but also proved to be at least a 25% better value.

It's easy to make tall claims. But the others just don't stack up to Output Technology! ***Take a good look at who is standing tall above the rest . . . call us for a free copy of our Benchmark test today!***

MADE PROUDLY IN THE U.S.A.

Over 200 Service Centers Nationwide

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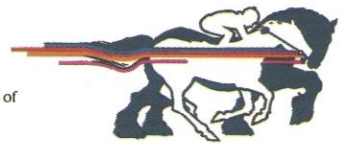

1-800-422-4850

In Canada Call 1-800-263-9663

OUTPUT TECHNOLOGY CORPORATION

E. 9922 Montgomery, Suite #6, Spokane, WA 99206
(509) 926-3855 (800) 422-4850
Telex #15-2269 OUTPUTSPOK FAX: (509) 922-4742

Output Technology Corporation Europe BV • Saturnusstraat 25 • 2132 HB Hoofddorp • The Netherlands • Telephone: (31) 2503 32599 • Telefax: (31) 2503 39555 • Telex: 20000 REF:MMC27:NLX505

OUTPUT TECHNOLOGY CORPORATION

TriMatrix® 800 Series Printers

Specifications for 850XL, 850 PrintNet®, 888XL and 889XL.

PRINT SPEED*

	136 Column		80 Column	
	DRAFT	**NLQ**	**DRAFT**	**NLQ**
Burst Speed	850 cps	N/A	500 cps	N/A
Throughput	544 cps	106 cps	320 cps	62 cps
	240 lpm	47 lpm	240 lpm	47 lpm

* All speeds Measured at 10 cpi, 6 lpi

PRINTING CHARACTERISTICS

Character Matrix:
9 x 7

Character Sets:
96 Character ASCII
International Character Sets
IBM Character Sets 1 and 2
IBM Code Pages 437 and 850
DEC Character Sets
Downloadable Characters

Print Modes:
Draft, NLQ

Bar Codes:
Code 39, UPC, EAN, Interleaved *2 of 5, Codabar*

Printer Emulations:

	EPSON FX-100 IBM ProPrinter XL	DEC LA 120 DEC LA 210	5224*, 5225*, 5256*	3287
850XL	●	●		
850 PrintNet	●	●		
888XL	●		●	
889XL	●			●

* Less LAC and Graphics Options

Character Pitch:
18.2 cpi — 247 char. per line
16.6 cpi — 225 char. per line
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10.0 cpi — 136 char. per line
8.3 cpi — 112 char. per line
7.5 cpi — 102 char. per line
6.0 cpi — 81 char. per line
5.0 cpi — 68 char. per line

Other:
True underlining
True descenders

GRAPHICS

Technique:
Dot addressable

Emulations:
Epson FX-100
IBM Proprinter XL
DEC LA 210, LA 120

Resolution:
Single density
50, 60, 75 h x 72, 144, 216 v
Double density
100, 120, 150 h x 72, 144, 216 v
Quad density
200 h x 72, 144, 216 v

PAPER HANDLING

Multi-part Forms:
6 parts, 5 single sheet carbons
(tested with Moore Business Form #1412T)

Paper Control:
Tractor feed, adjustable width
Adjustable tabs: vertical and horizontal
Adjustable margins: left, right, top, bottom
Vertical line spacing: 1/6", 1/8" and N/216"

Line Length:
Up to 13.6 inches

Paper Width:
Up to 16 inches

Paper Path:
Front and bottom loading

Forms Length:
4.0 inches to 19.5 inches in 0.5 inch increments; 4 metric sizes

Slew Rate:
11 and 5.0 inches per second User selectable

PRINTER CONTROL PANELS

External Control Keys:
Form Feed; Line Feed; On-Line/Off-Line; Top of Form/NLQ

External Indicator Lights:
Power On; On Line; NLQ; Paper Out *(850XL, 850 PrintNet, 889XL)*
Power On; On Line; Sync; Paper Out; LCHK; Avail *(888XL only)*

Internal Indicator Lights:
(889XL only)
Ready; CUSIG; SCS; Error

Internal Control Keys:
(889XL only)
Start/Stop; Test; Cancel; Reprint; PA1, PA2

Diagnostics:
Self Test
Hex Dump

Ribbon:
Cloth ribbon, snap-in cartridge (1/2" x 42 yards)
› 6 million character life

INTERFACES

	RS-232C Serial	*Centronics Parallel*	*Twin-Axial*	*Co-Axial*
850XL	●	●		
850 PrintNet	5*	●		
888XL		●	●	
889XL		●		●

* Each port is bi-directional, four with RS-422 also

Baud Rate:
300, 600, 1200, 2400, 4800, 9600, 19200**

Buffer:
All Models:
532 or 3.0K Bytes *(User Selectable)*
20K *(Optional)*
850 PrintNet:
256K Bytes *(Serial ports only)*

**850 PrintNet only

RELIABILITY

MTTR:
‹20 minutes

MTBF:
› 4,000 hours

Duty Cycle:
Up to 100%

Noise Level:
‹65 DB

Print Head Life:
900 million char. (collectively)

POWER

User Selectable:
100/120/220/240 VAC, 50 to 60 HZ

Power Consumption:
300 watts maximum

PHYSICAL

Dimensions:
27.3"W x 16.7"D x 6.3"H
690mm x 420mm x 160mm

41 lbs. (18.6 Kg)

WARRANTY

Printer:
6 months — North America
1 year — All other areas

Print Heads:
1 year

Specifications subject to change.

TriMatrix and PrintNet are registered trademarks of Output Technology Corporation
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IBM is a registered trademark of IBM Corporation
DEC is a registered trademark of Digital Equipment Corporation
Centronics is a registered trademark of Centronic Data Computer Corporation

OTC-800 0888

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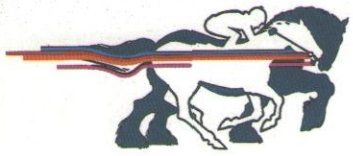
Team Your IBM System With a Thoroughbred!



NEW!
Powerful Printers For Your IBM 3X or 3270!

- ***850 cps (240 lpm throughput)***
- ***Twin-ax and Co-ax Models***
- ***100% duty cycle to keep your jobs running day and night.***
- ***On-site service available****

The New TriMatrix® 888XL And 889XL Printers.

They're brand new from Output Technology . . . the American company with the world's fastest serial dot matrix printers! Incredibly powerful partners for your IBM mini and mainframe systems.

The 888XL features an internal protocol converter for twin-ax connection to IBM 3X systems, while the 889XL offers co-ax (IBM 3270). A parallel port is also standard on both models.

A Myriad of Applications:

- Data Processing
- Financials
- Spreadsheets
- Bar Code
- Near-Letter-Quality
- Graphics

More Features Than Ever Before!

- 888XL emulations: IBM 5224, 5225, 5256, EPSON and IBM ProPrinter XL.
- 889XL emulations: IBM 3287, EPSON and IBM ProPrinter XL.
- Full international character set
- Front panel menu programming (no DIP switches).
- Front and bottom paper feed
- 8K data buffers
- 5 to 18.2 pitch printing

Over 200 Service Centers in the U.S. and Canada.*

Team Your IBM With The Champion Performers!

Our unique printing mechanism distributes the work load over three print heads for reliability you can trust. Premium performance and speed . . . all at a competitive price!

To put our team to work for you, call today!

*Call for availability in your area.

1-800-422-4850 *(8 a.m. - 5 p.m. PST)*

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OUTPUT TECHNOLOGY CORPORATION

TriMatrix® 800 Series Printers

Specifications for 850XL, 850 PrintNet®, 888XL and 889XL.

PRINT SPEED*

	136 Column		80 Column	
	DRAFT	NLQ	DRAFT	NLQ
Burst Speed	850 cps	N/A	500 cps	N/A
Throughput	544 cps	106 cps	320 cps	62 cps
	240 lpm	47 lpm	240 lpm	47 lpm

* All speeds Measured at 10 cpi, 6 lpi

PRINTING CHARACTERISTICS

Character Matrix:
9 x 7

Character Sets:
96 Character ASCII
International Character Sets
IBM Character Sets 1 and 2
IBM Code Pages 437 and 850
DEC Character Sets
Downloadable Characters

Print Modes:
Draft, NLQ

Bar Codes:
Code 39, UPC, EAN, Interleaved 2 of 5, Codabar

Printer Emulations:

	EPSON FX-100 IBM ProPrinter XL	DEC LA 120 DEC LA 210	5224*, 5225*, 5256*	3287
850XL	●	●		
850 PrintNet	●	●		
888XL	●		●	
889XL	●			●

* Less LAC and Graphics Options

Character Pitch:
18.2 cpi — 247 char. per line
16.6 cpi — 225 char. per line
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12.0 cpi — 163 char. per line
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8.3 cpi — 112 char. per line
7.5 cpi — 102 char. per line
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5.0 cpi — 68 char. per line

Other:
True underlining
True descenders

GRAPHICS

Technique:
Dot addressable

Emulations:
Epson FX-100
IBM Proprinter XL
DEC LA 210, LA 120

Resolution:
Single density
50, 60, 75 h x 72, 144, 216 v
Double density
100, 120, 150 h x 72, 144, 216 v
Quad density
200 h x 72, 144, 216 v

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Telephone: (31) 2503 32599 • Telefax: (31) 2503 39555 • Telex: 20000 REF: MMC27:NLX505

PAPER HANDLING

Multi-part Forms:
6 parts, 5 single sheet carbons *(tested with Moore Business Form #1412T)*

Paper Control:
Tractor feed, adjustable width
Adjustable tabs: vertical and horizontal
Adjustable margins: left, right, top, bottom
Vertical line spacing: 1/6", 1/8" and N/216"

Line Length:
Up to 13.6 inches

Paper Width:
Up to 16 inches

Paper Path:
Front and bottom loading

Forms Length:
4.0 inches to 19.5 inches in 0.5 inch increments; 4 metric sizes

Slew Rate:
11 and 5.0 inches per second User selectable

PRINTER CONTROL PANELS

External Control Keys:
Form Feed; Line Feed; On-Line/Off-Line; Top of Form/NLQ

External Indicator Lights:
Power On; On Line; NLQ; Paper Out *(850XL, 850 PrintNet, 889XL)*
Power On; On Line; Sync; Paper Out; LCHK; Avail *(888XL only)*

Internal Indicator Lights:
(889XL only)
Ready; CUSIG; SCS; Error

Internal Control Keys:
(889XL only)
Start/Stop; Test; Cancel; Reprint; PA1, PA2

Diagnostics:
Self Test
Hex Dump

Ribbon:
Cloth ribbon, snap-in cartridge (1/2" x 42 yards)
› 6 million character life

INTERFACES

	RS-232C Serial	Centronics Parallel	Twin-Axial	Co-Axial
850XL	●	●		
850 PrintNet	5*	●		
888XL		●	●	
889XL		●		●

* Each port is bi-directional, four with RS-422 also

Baud Rate:
300, 600, 1200, 2400, 4800, 9600, 19200**

Buffer:
All Models:
532 or 3.0K Bytes *(User Selectable)*
20K *(Optional)*
850 PrintNet:
256K Bytes *(Serial ports only)*

**850 PrintNet only

RELIABILITY

MTTR:
‹20 minutes

MTBF:
› 4,000 hours

Duty Cycle:
Up to 100%

Noise Level:
‹65 DB

Print Head Life:
900 million char. (collectively)

POWER

User Selectable:
100/120/220/240 VAC, 50 to 60 HZ

Power Consumption:
300 watts maximum

PHYSICAL

Dimensions:
27.3"W x 16.7"D x 6.3"H
690mm x 420mm x 160mm

41 lbs. (18.6 Kg)

WARRANTY

Printer:
6 months — North America
1 year — All other areas

Print Heads:
1 year

Specifications subject to change.

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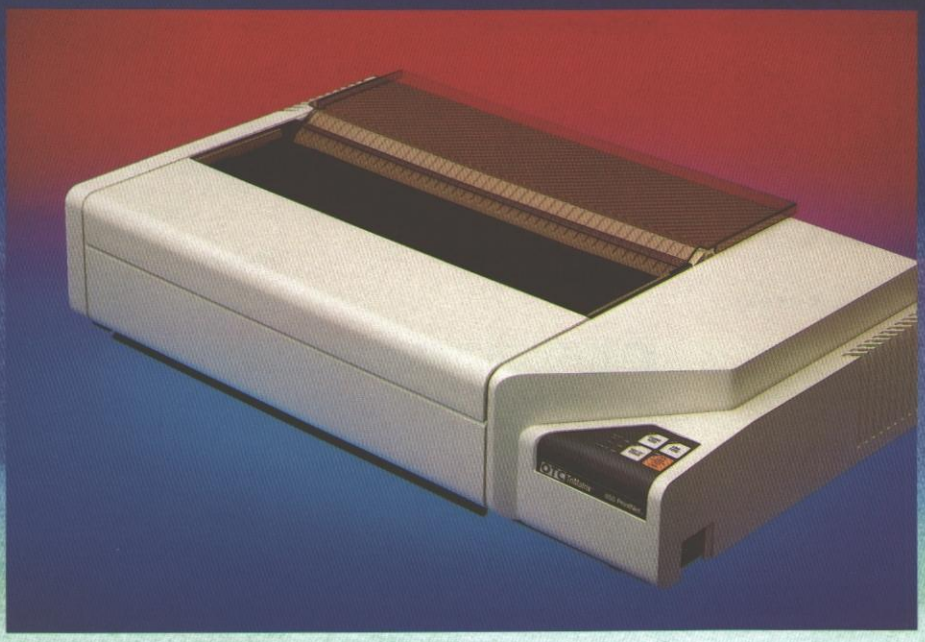
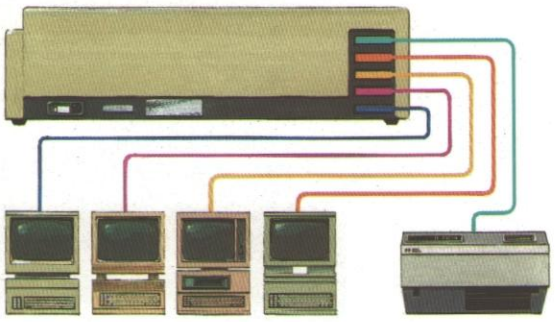


OTC's New 850 PrintNet®, Finally... Powerful Printer Sharing Made Easy!

Harness the New Breed!



Now, multiple users can share the world's fastest serial dot matrix printer — the easy way!

- Connect up to 5 computers directly to the ***850 PrintNet®***!
- 850 cps (240 lpm throughput). No more waiting for your printer!
- Store large print jobs in the ***850 PrintNet*** memory! Free up your computer . . . you'll be more productive than ever!
- Route jobs to additional printers!
- Share information between *any* two serial devices (computers, printers, modems, plotters) . . . through the ***850 PrintNet***!

PrintNet . . . The cost effective choice!

The ***850 PrintNet*** can take the place of more complicated, expensive networks. For a small investment, you can have many of the benefits of a local area network. The ***850 PrintNet*** . . . Resource sharing at its best!

To find out more about the ***850 PrintNet***, and OTC's entire line of 700 and 850 cps printers, call today.

1-800-422-4850 *(8 AM - 5 PM PST)*

OUTPUT TECHNOLOGY CORPORATION

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Telex #15-2269 OUTPUTSPOK FAX #922-4742

OTC TriMatrix® 800 Series Printers

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	240 lpm	47 lpm	240 lpm	47 lpm

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889XL	●			●

* Less LAC and Graphics Options
** Optional for North America, standard for other countries.

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Hex Dump

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889XL		●		●

* Each port is bi-directional, four with RS-422 also

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