

# FUJITSU 24 Wire Dot Matrix Printer **DL7400Pro / DL7600Pro**



- Reliable, high speed performance
- Flat print structure with a variety of paper paths
- Eco Friendly



# Fujitsu Printer Guide

## DL7400Pro



The DL7400Pro is a reliable, multi-purpose printer that supports many paper types and printing tasks. The inked ribbon cartridge is easy to exchange and has a life rating of 5 million characters.

## DL7600Pro



The heavy duty DL7600Pro, our fastest printer, and can print up to 8 part paper in high impact mode. Its long-life ribbon cartridge is rated for 18 million characters, making ideal for print intensive environments.

### Comparison Table

	DL7400Pro	DL7600Pro
Maximum Printing Speed(at 10cpi)	600 cps	800cps
Copy Ability	Original + 7 copies	Original + 8 copies
Cut Sheet Table	Front	Front
Continuous Paper	Rear	Rear
Cut Sheet Feeder	Front	Front
	Rear	Rear
	Front	Front
Ribbon Life (Characters)	5 million	18 million



## Running Cost

### Reduced Operating Costs

Save money and reduce waste by using Fujitsu's ribbon sub-cassette (ribbon refill kit). Instead of replacing the entire ribbon cartridge, only the inked ribbon is replaced. Ribbon replacement is quick and easy and does not require any tools.

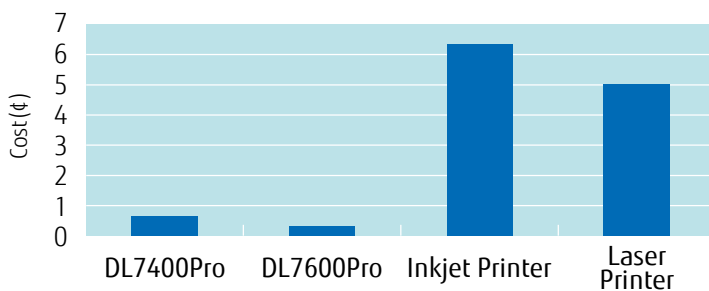


DL7400Pro Ribbon sub cassette  
(5 million characters)



DL7600Pro Ribbon sub cassette  
(18 million characters)

### Comparison of running cost per A4 page



(\*According to our calculations)

Consumable costs are less than 1 cent per page (A4 or letter size).

**SIDM** << **Laser** << **Inkjet**  
**0.3 ¢**      **5.1 ¢**      **6.3 ¢**

The consumable costs per page are up to 20 time less than that of other printer types.

(\*SIDM: Serial Impact Dot Matrix Printer)



# Basic Performance

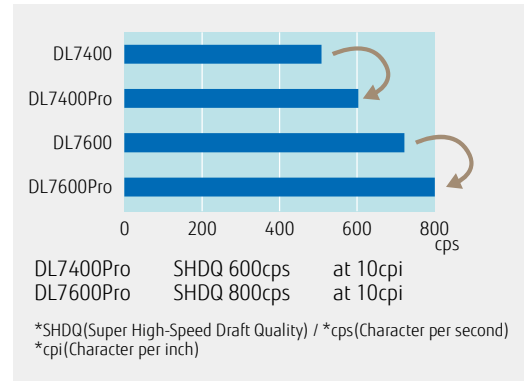
## High Speed print

Impressive print speeds of 600 cps (DL7400Pro) and 800 cps (DL7600Pro).

## High reliability

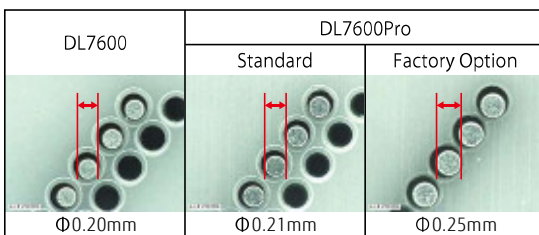


Fujitsu printers are known for their reliability and longevity. The DL7400Pro and DL7600Pro were extensively tested to ensure they meet Fujitsu's quality standards, and are ISO90001 certified.



## Tough Print Head (DL7600Pro)

The diameter of the printhead wires (pins) were increased to 0.21 mm to further improve durability while maintaining high speed and fine print quality.



An optional DL7600Pro printhead with 0.25 mm wires (pins) provides even higher reliability.

\* There is a slight decrease in printing speed when using this enhanced printhead.

## Easy Paper Setting

Printer detects the paper position by itself. Then Printer adjusts the printing position so that the left margin will be correct without any settings. Adjustment is valid not only Cut Sheet Table but also CSF and Continuous Paper. The printer operator is liberated from a troublesome form setting. By this function, it's free for the miss printing.

## Long - Life Ribbon Cassettes (economical and eco friendly)

DL7400Pro - 5 million characters.

DL7600Pro - 18 million characters.



DL7400Pro Ribbon unit



DL7600Pro Ribbon unit

## High Copy Capability

Print the original plus up to 8 additional copies with High Copy Mode.

## Silent Printing

There are several functions and option for Silent Printing.

- QUIET print mode.
- Reduce impact noise through printhead optimization.
- Sound Proof Cover. (Option)

## Auto Paper Thickness Control (APTC) Function

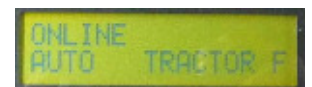
Detects paper thickness and adjusting Head Gap automatically.

## User Friendly LCD Display

The new easy to read back-lit LCD panel is standard on the DL7600Pro, optional on the DL7400Pro.



DL7400/DL7600



DL7400Pro/DL7600Pro



# Paper Path Options

Various paper path options.



Tractor (Common to Rear & Front)



Large Stacker



Cut Sheet Feeder



Small Paper Table



Sound Proof Cover

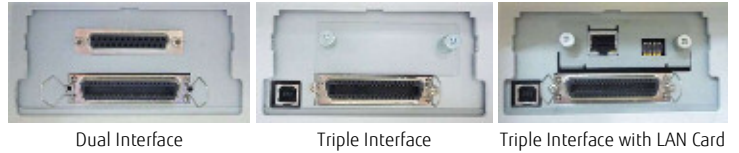
Should be used with the Large Stacker option. (Common to Rear and Front)

Maximum sheets : 120 sheets  
Paper width : 100-420mm  
Paper length : 70-420mm  
Copies : 1 to 5 copies

# Flexibility

## Interface Options

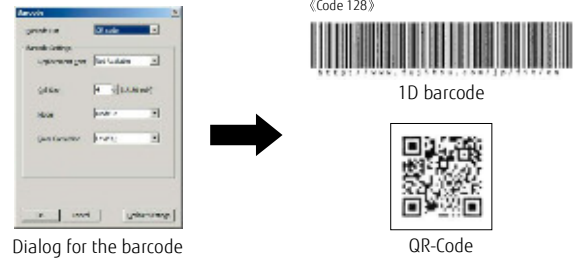
Two available models; a dual parallel and RS-232 serial version, and a dual parallel and USB version. A LAN card option is available on the parallel/USB version.



## Software Supports

### Print 10 different barcode types

The easy to use barcode dialog box lets you print 9 standard 1D barcode types as well as QR-Code.



### Flexible Paper Support

The Windows driver supports 55 paper sizes as well as multiple paper paths.



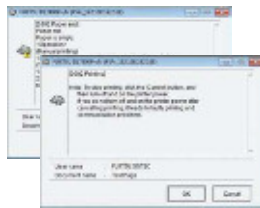
### Easy Setup

The setup wizard installs the Windows driver, utility software and manuals. Just follow the user guide in original installer. IP address setting in Network environment can be quickly and easily setup with standard LAN setup tool.



### Status Monitoring

The status monitor displays a warning message when a problem occurs; example: running out of paper or offline status. An administrator can monitor the printer status remotely.



### Setup Utility

Changing printer setting is quick and easy with the supplied DLMENU utility.



# Eco Friendly

## Not containing Hazardous Substances

The DL7400Pro and DL7600 are RoHS compliant and comply with Fujitsu's own strict environmental protection standards.

## Energy Star V2.0 Program and ErP Lot 6 framework

DL7400Pro and DL7600Pro comply with the Energy Star V2.0 program and ErP Lot 6 Framework.

\* Energy Star is a U.S. Environmental Protection Agency voluntary program that helps businesses and individuals save money and protect our climate through superior energy efficiency.

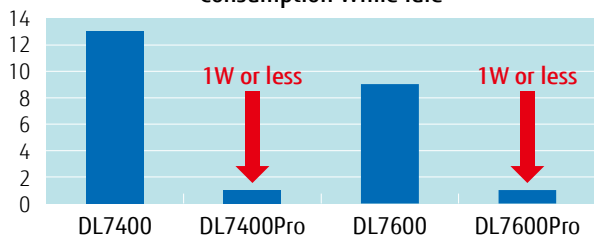


\* ErP (Energy-related Products)

Energy-related product is a framework for the setting of eco-design requirements of the European Union.



Consumption While Idle



Electrical power consumption at waiting is less than 1W / hour.

## Eco Mark Program

DL7400Pro and DL7600Pro comply with the Eco Mark Program.

# Variety of Paper Paths

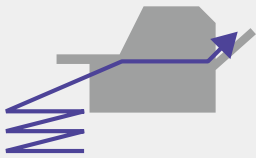
## ■ Straight Paper Path Route (Flatbed) - More accurate paper positioning

The straight paper path results in smoother paper feeding. Since the paper does not bend, there is no discrepancy between the top and bottom sheets of multi part forms, which improves line feed accuracy.

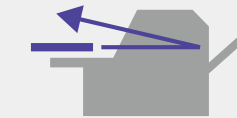
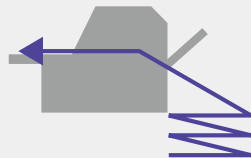


## ■ 8 Available Paper Paths for any Printing Situation

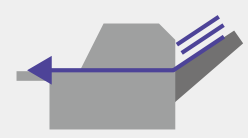
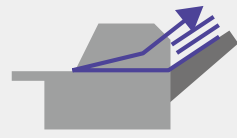
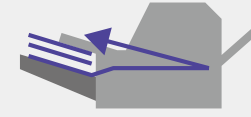
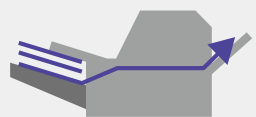
### 8 Paper Paths



Continuous Paper With Tractor



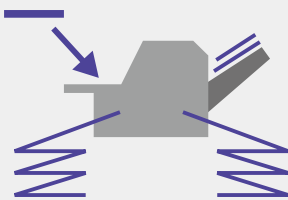
A sheet of paper with Cut Sheet Table and Rear Stacker



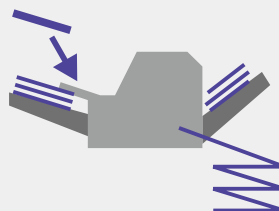
A stack of sheets with Cut Sheet Feeder and Rear Stacker(Cut Sheet Table necessary)

## ■ Multiple Paper Input Options

Up to 4 paper available sources depending on installed options.



One Cut Sheet Table+  
One CSF(Back)+  
Rear Stacker+  
Two Tractors(Front&Back)



One Cut Sheet Table+  
Two CSFs(Front&Back)+  
Rear Stacker+  
One Tractor(Back)



## ■ Host Controlled Paper Path(HCPP)

A user can select the paper path in the application or in the Windows driver. If the paper path is changed the printer will park the current tractor paper (or eject a cut sheet), switch to the newly selected paper source and load the new paper.

# Variety of Paper Types

- Stock Forms (4inch – 16.5inch width)
- Cut Sheet Papers (2.2inch – 16.5inch width)
- Carbon Backed Papers
- Post Cards
- Envelopes
- Labels
- Slips etc.



# Technical details

Model Name		DL7400Pro	DL7600Pro
Printing Technology		Bi-directional with logical seeking	←
Print Head		24 wire, Impact Dot Matrix	←
Wire Diameter	Standard	Φ0.20mm	Φ0.21mm
	Factory Option	-	Φ0.25mm
Printing columns (10cpi)		136 column	←
Speed	Super High Draft Quality	600cps (10cpi)	800cps (10cpi)
	High Draft Quality	505cps (10cpi),606cps (12cpi)	720cps (10cpi),864cps (12cpi)
	Draft Quality	360cps (10cpi),432cps (12cpi)	540cps (10cpi),648cps (12cpi)
	Report Quality	240cps (10cpi),288cps (12cpi)	360cps (10cpi),432cps (12cpi)
	Letter Quality	120cps (10cpi),144cps (12cpi)	180cps (10cpi),216cps (12cpi)
Resolution		360 x 360 dpi *1	←
Copy Ability		Original + 4carbonless copies	Original + 7carbonless copies
		at high impact mode	Original + 8 carbonless copies
Max. paper thickness		0.57mm (0.0224")	0.65mm (0.0256")
Line Feed Speed		60ms per 1/6" line	50ms per 1/6" line
Form Feed Speed		6" per second continuous feed	9" per second continuous feed
Continuous Form/Cut Sheet switch function		Manual/Auto	←
Paper thickness adjust function		Manual/Auto	←
Interface	Parallel	IEEE1284 Nibble Mode	←
	USB	USB Ver.2.0 (TYPE B)	←
	Serial	RS232C 25pin	←
	LAN(Optional card needed)	10BASE-T, 100 Base-TX, TCP/IP Protocol	←
Emulation		Fujitsu DPL24C PLUS, Epson ESC/P2, IBM XL24E	←
Printer Driver		Microsoft Windows Driver Available	←
Input Buffer		Max. 128KB	←
Input Voltage		100V AC to 120V AC ±10%, single phase, 50Hz to 60Hz 220V AC to 240V AC ±10%, single phase, 50Hz to 60Hz	←
Consumption Power	Stand by	1W or Less	←
	Average	120W	275W
	Maximum	225W	530W
Environmental Conditions		5°C to 38°C(41°F to 100°F), 20~80%RH (Non-condensing)	←
Dimension (WxDxH)		600 x 350 x 290mm (23.62 x 13.78 x 11.42inch)	←
Weight		Approximately 18.5Kg (40.8lbs)	Approximately 22Kg (48lbs)
Noise		59dBA / 55dBA(Sound Proof Cover)	←
Model		Parallel + USB Model (LAN Upgradeable)	←
		Parallel + RS232C Model	←
Reliability	MTBF	20,000H(25% duty cycle)	←
	MTRR	0.5H	←
	Printer Life	5 million Line-Feed or 5 years	7.5 million Line-Feed or 5 years
Print Head	Print Head Life	400million strokes (each wire)	500million strokes (each wire)
		240million strokes(each wire) at high impact mode	←
Ink Ribbon Ribbon Life (Black)		5 million characters (ANK Draft Quality)	18 million characters (ANK Draft Quality)
Safety and EMI standard		For Europe, North America and Asia Pacific	←

DL7400Pro



DL7600Pro



Dimensions: DL7400Pro  
DL7600Pro



### Common

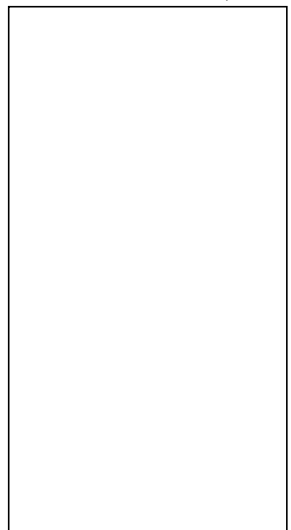
Paper feeding	Continuous Form	Push tractor Front in, Rear out ; Rear in, Front out
	Cut Sheet	Front in, Front out ; Front in, Rear out ; Rear in, Front out ; Rear in, Rear out
Paper	Cut Sheet	Width 55~420mm (2.2 ~ 16.5 inch)
		Length 70~297mm (2.76~11.69 inch), 70~420mm (2.76~16.5 inch) for Large Cut Sheet Table
	Continuous Form	Width 102~420mm (4.0~16.5 inches)
		Length Over 102mm (Over 4.0 inches), Over 127mm (Over 5.0 inches) for Rear Tractor
Character Sets		Code pages 437, 850, 851, 852, 855, 860, 862, 863, 865, 866, ISO 8859-1, ECMA 94, USA, UK, German, French, Italian, Spanish, Swedish, Finnish, Norwegian, Danish 1 and 2, Hungarian 1 and 2, Slovenian 1 and 2, Mazowia 1 and 2, Polish 1 and 2, Latin 2 1 and 2, Latin P, PG-DHN, Elot 927, Lithuanian 1 and 2, Mik, Macedonian, PG-MAC, ABY, ABG, DEC GR, GREEK 11, HBR-OLD, HBR-DEC, ISO Turkish, ISO Latin, Kamenicky 1 and 2, Turkish 1 and 2, Elot 928, Cyrillic, RUSCII, Latin-9, Spanish1, Spanish2, Japan, Latin A, KOREA, LEGAL, Windows Code Page 1250, Windows Code Page 1251, Windows Code Page 1252, IBM437, IBM851
Barcode		Code 3 of 9, UPC Type A, UPC Type A with check character, Codabar(NW7), EAN13, EAN8, Industrial 2 of 5, Matrix 2 of 5, Interleaved 2 of 5, Code 128
2D code		QR-code
Resident Fonts		Bitmap font : Courier 10, Prestige Elite12, Boldface PS, Compressed, Draft 12, High-speed draft 12, OCR-B 10, OCR-A 10, Correspondence 10, PICA10 Scalable font : Courier, Nimbus Sans, Timeless(Normal, Bold, Italic)
Option	Cut Sheet Feeder (should be used with Large Stackers, Common to Rear and Front)	
	LAN Card	
	Large Stackers (should be installed for Front CSF)	
	Small Paper Table	
	Sound Proof cover	
		Tractor(Common to Rear & Front)

\*1 Maximum Graphics Resolution, Under ESC/P Emulation only

\*2 About the trade mark

Company names and product names mentioned above are registered trade marks or trade marks of each company.

-Specifications are subject to change without notice.



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