

# DATASHEET.

## PRINTREX

Models 822 G, 823 G,  
822 DL/G, 823 DL/G,  
842 DL/G, 843 DL/G,  
and the 1242 DL/G



### QF Chassis for Forms Handling Flexibility

QF means Quadriform which is marketing speak for four different ways to handle paper. It is standard in the rack mount configurations.

- Standard internal rolls of paper or film.
- Stack of fan fold paper below the printer.
- 800 sheet stack of API format (6 ¼ inch page length) paper behind the print engine.
- Five-inch diameter roll of paper or film mounted behind the print engine.

### DLA (Depth Line Accuracy)

Because there are variations in frictional and mechanical characteristics of paper and film, platen surface and diameter and because of wear, there is a control, managed through the print driver, to keep plot length to scale.

### RLE Decompression

Maintains plot speed by reducing bandwidth requirements of the interface. This feature is particularly helpful when printing gray scale images.

### Gray Scale Printing

All models in this product family can print 32 levels of gray. This is indicated by the “G” in the suffix to the model number.

### Fan Fold Paper

All models have the capability to recognize a Top of Forms mark. However, the 822 G and 823 G do not have an access path for an external paper supply so they can handle only regular rolls of paper or fan fold paper that has been rewound onto a roll. The DL in the model number suffix indicates the printer can handle fan fold forms from an external supply.

### Output Stackers for API Format Paper

Optional output stackers for the 8-inch width units are available. The desk top configuration has a combination input tray and output stacker. The rack mount units have output stackers only. A paper input tray without the stacker is also available for both 8-inch width and 12-inch width desk top printers.

*Model 1242 DL/G desk top printer/plotter with optional paper input tray.*



*Model 843 DL/G with optional paper input/stacker assembly.*

### Printer Drivers

Print Drivers can be downloaded from the Support page on the Printrex web site [www.printrex.com](http://www.printrex.com). See the web site for the Windows versions that are supported.

### Interfaces

USB 2.0 Full Speed and 10/100 Base T(X) Ethernet using TCP/IP Protocol.

**Power Requirements**

Universal Input Power Supplies  
100 to 240 VAC, 50/60 Hz

Models 822 G, 823 G, 822 DL/G, 823 DL/G  
240 watts maximum

Models 842 DL/G and 843 DL/G  
500 watts maximum

Model 1242 DL/G  
800 watts maximum

Panel Mount Configurations: +24 VDC

**Media Specifications**

Media Dimensions: Paper and film have same mechanical requirements.

Internal Roll

- 2.6 inches (66 mm) maximum OD
- Core ID 0.5 inches (12.7 mm)
- Width 8.75 inches (222 mm) and 12 inches (304 mm)

External Roll on QF Chassis

- 5 inch (127 mm) maximum OD
- Core ID 0.5 inches (12.7 mm)

Stack height on QF chassis 5 inches (127 mm)

Stack height for external is unlimited

**Regulatory**

Emissions: EN 55022:1998 Class A, A1:2000, A2:2003

Immunity: EN 50024:1998, A1:2001, A2:2003

Safety: EN 60950-1:2001, A11:2004

FCC Class A, Part 15

**Environmental**

Operating Temperature: -10°C to +50°C (14°F to 122°)

Storage Temperature: -40°C to +60°C (-40°F to 140°)

Altitude: Maximum 12,000 feet (3,657 meters)

Dust, spray and splash: IP54

Vibration: MIL STD 810F method 514.5, Fig 514.5C1

Shock: 20g peak 1/2 sine wave @ 11 ms, 30 impacts

Flammability: UL94HB

**Optional Accessories for API Format Paper**

Output stacker for rack mount printers

Combination Input tray/output stacker for 8-inch width desk top printers

**Optional Accessories for Other Paper**

Input tray for 8-inch width printers

Input tray for the 1242 DL/G

PRINTER SELECTION GUIDE							
Model	Plot Speed		Dot Density H & V		Line Length		
	Inches/Sec	mm/Sec	Dots/Inch	Dots/mm	Inches	mm	Dots/Line
<b>822 G</b>	2	50	203	8	8.5	216	1,728
<b>823 G</b>	2	50	300	11.81	8.5	216	2,560
<b>822 DL/G</b>	2	50	203	8	8.5	216	1,728
<b>823 DL/G</b>	2	50	300	11.81	8.5	216	2,560
<b>842 DL/G</b>	4	100	203	8	8.5	216	1,728
<b>843 DL/G</b>	4	100	300	11.81	8.5	216	2,560
<b>1242 DL/G</b>	4	100	203	8	11.6	296	2,368

PHYSICAL CHARACTERISTICS				
	Dimensions H x W x D		Shipping Weight	
	Inches	Centimeters	Pounds	Kilograms
<b>8-inch width printers</b>				
<b>Panel Mount</b>	4.1 x 11.9 x 4.97	10.4 x 30.2 x 12.6	7	3.2
<b>Desk Top</b>	4.87 x 12.3 x 12.0	12.4 x 31.2 x 30.5	21	9.5
<b>Rack Mount</b>	5.25 x 19 x 16.12	13.3 x 48.3 x 41	22	10
<b>1242 DL/G Desk Top printer</b>	4.87 x 15.6 x 12.0	12.4 x 39.6 x 30.5	22	10

# Put Color Into Your Well Logs With the Printrex C930

**The Printrex C930 is the only full color log plotter designed to operate in the environment of a logging truck or offshore platform.**

## **Rugged Reliability**

The C930 exhibits the same rugged reliability users have come to expect and appreciate in Printrex black and white printers/plotters — the performance that has made Printrex the most widely used log plotter in the world.

## **Field Proven Technology**

The C930 uses thermal transfer technology to ensure reliability in hostile environments that is not possible with fragile laser based products.

## **Cassette Ribbon Replacement**

The thermal ribbons are housed in a cassette for quick and easy replacement. Each cassette has ribbon capacity to print 4,000 API sheets.

The four ribbons (CYMK) produce vibrant color and crisp black grid lines.

## **High Speed Plotting**

Selectable speed of 1.5 inches per second or 3 inches per second. 300 dots/inch horizontal and vertical.

## **Data Interface**

USB 2.0 Full Speed and Ethernet 10/100 Base T(X) using TCP/IP protocol.

## **Windows print drivers**

Windows 2K/XP/Vista are supported.

## **Power**

Universal input power supply – 100 VAC to 240 VAC, 50/60 Hz, 900 watts maximum.



*Model C930 Color Printer/Plotter*



*Ribbon Cassette*



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