Quick Start Guide

SMS - 920 / 930
Sign Making System

Safety Instructions

When set up correctly and installed according to instructions, the printer should not present any hazards.
The following possible dangers exist:
- Injury from the cutter assembly.
- Hair, clothes and jewellery pulled into the printer, during operation with the cover open
- Only use the printer in protected environments.
- Do not spill any liquids into the printer.
- Only have your printer repaired by specially trained service personnel.
- In any event of danger or damage to the printer, turn the printer off and remove from the power supply..
- Turn the printer off and remove from the power supply before cleaning.
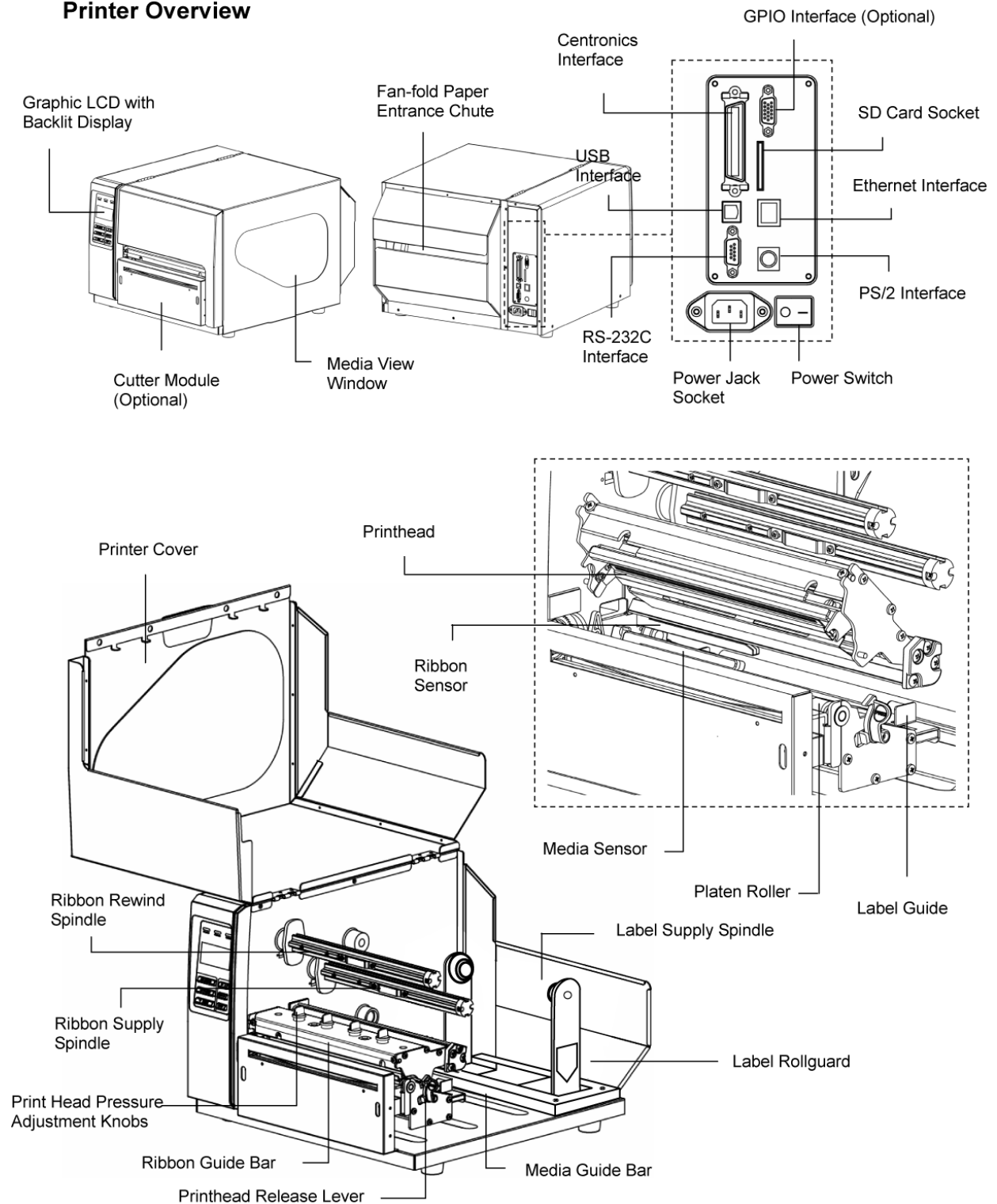
Technical Information

General Specifications

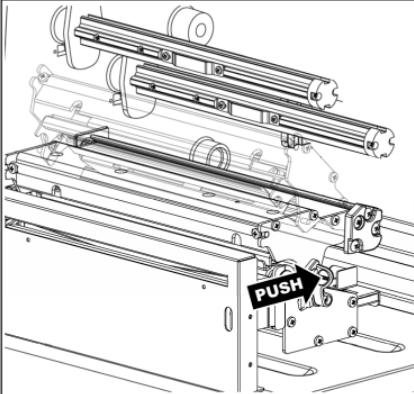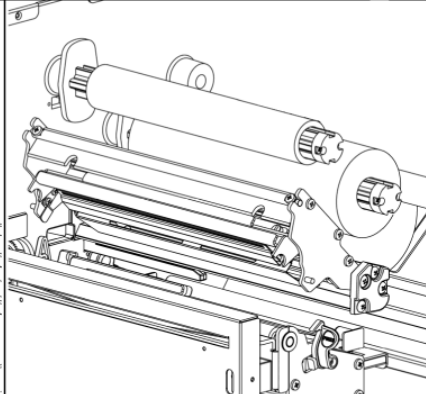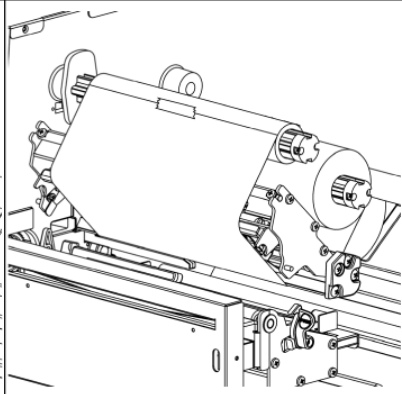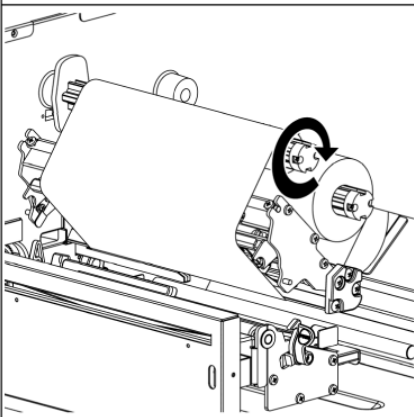| Specification	SMS - 920 / 930
Print Technology	Thermal transfer
Resolution	300 dpi (12 dots/mm)
Print speed	5-15cm/sec (2-6 Inch/s)
Print length	127cm (50 inch)
Print width	21,5cm
Memory	8 MB Flash memory 32 MB SDRAM
CPU type	32-bit high performance processor
Sensors	Transmissive/ gap sensor (position adjustable from 4" ~ 8") Reflective black mark sensor (position full web adjustable) Transmissive ribbon end sensor Ribbon encoder sensor Head open sensor
LCD Display	Graphic type, 128 x 64 pixel, with back light
Operator interface	6 operation buttons
Communicatie interface	USB - Centronics parallel (LPT) – 100Mbit Network port
Fonts	Internal character sets. 5 alfa numeric fonts from 1,25mm~6,0mm All fonts can be scaled 24x24 4 rotation positions 0º-90º-180º-270º Soft fonts can be downloaded.
2D Barcodes	Maxicode, PDF-417, Data Matrix
Wieght	23.2kg
Power	Input: 90-264VAC, 47-63Hz
Classifications	CE, UL, CUL, FCC class A, CCC
Operating environment	Operation: 5°C ~ 40°C, 20% ~ 85% non-condensing

Machine overview
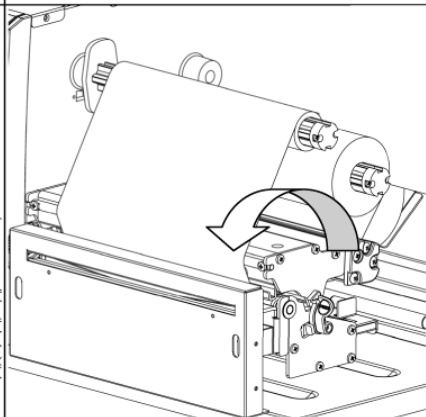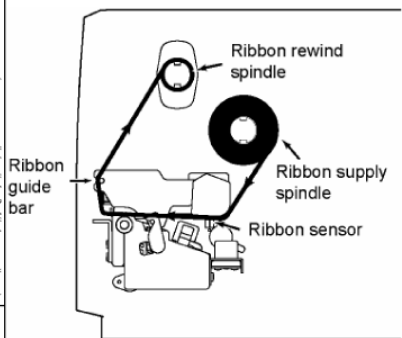
Quick Installation Guide

Printer Overview

GPIO Interface (Optional)

Centronics
Interface

Graphic LCD with
Backlit Display

Fan-fold Paper
Entrance Chute

SD Card Socket

USB
Interface

Ethernet Interface

PS/2 Interface

RS-232C
Interface

Cutter Module
(Optional)

Media View
Window

Power Jack
Socket

Power Switch

Printer Cover

Printhead

Ribbon
Sensor

Media Sensor

Platen Roller

Label Guide

Ribbon Rewind
Spindle

Label Supply Spindle

Ribbon Supply
Spindle

Label Rollguard

Print Head Pressure
Adjustment Knobs

Ribbon Guide Bar

Media Guide Bar

Printhead Release Lever

Loading Ribbon

Loading Ribbon

(1) Lift printer cover open. Push printhead release lever to open printhead mechanism.

(2) Install the ribbon and paper core onto ribbon supply spindle and ribbon rewind spindle.

(3) Thread ribbon through the ribbon sensor slot and printhead. Stick ribbon onto ribbon rewind paper core, keeping the ribbon flat and wrinkle-free.

(4) Wind the ribbon rewind spindle clockwise roughly 3~5 circles until ribbon is smooth, properly stretched and wrinkle-free.

(5) Close the printhead mechanism, making sure the latches are engaged properly.

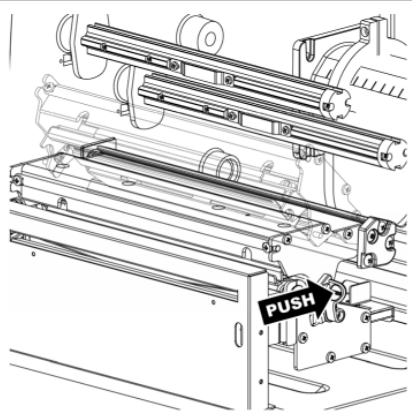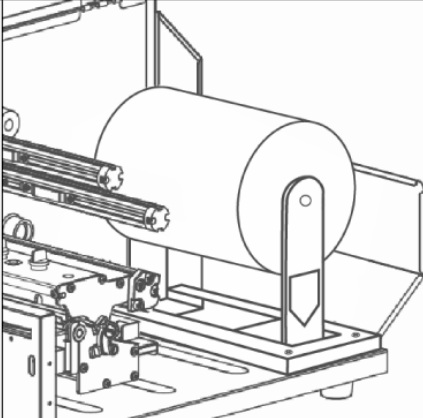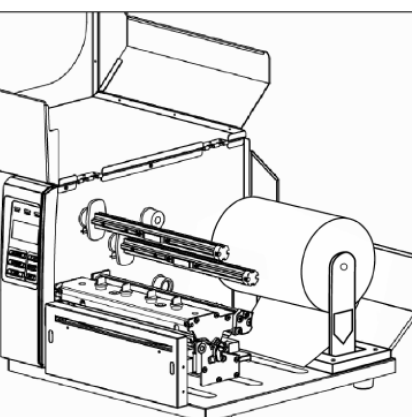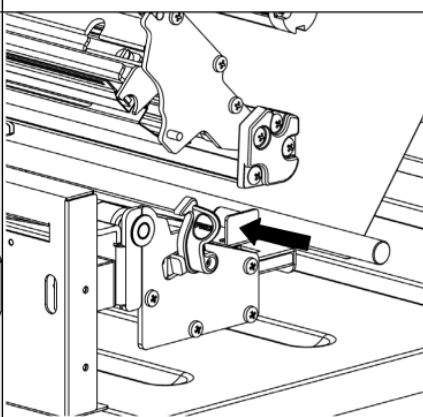* Loading path for ribbon

Control Panel
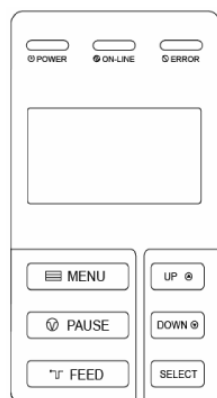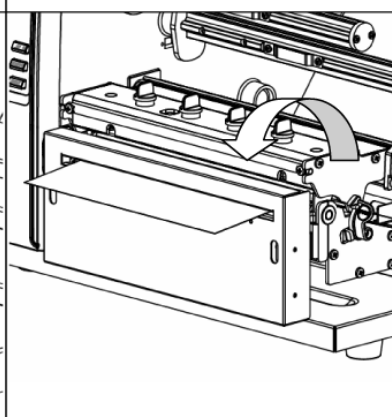
| LED	Status	Indication
⏻ POWER	Off	Printer power off
	On	Printer power on
⊘ ON-LINE	On	Printer is ready
	Blinking	Printer is paused
		Printer is downloading data
⊘ ERROR	Off	Printer is ready
	On	Carriage open OR Cutter error
	Blinking	No paper, Paper jam OR No ribbon

Keys	Function
☰ MENU	1. Enter the menu system 2. Once in the menu system, return to previous menu. If at menu root, exits the menu system.
⊘ PAUSE	Pauses or resumes printing
⊤ FEED	Advances one label
UP ⊘	Scroll up the menu options
DOWN ⊘	Scroll down the menu options
SELECT	Select the currently highlighted option

Loading Media

Loading Media

(1) Push the printhead release lever to open the printhead mechanism.	(2) Lift the empty media roll up and move the rollguards wider. Place the new media roll.

(3) Pull the leading edge of the label forward through the media guide bar past media sensor, and place the leading edge onto the platen roller.	(4) Adjust the label guide to fit label width.	(5) Close printhead mechanism, making sure the latches are engaged properly.

* Loading path for media
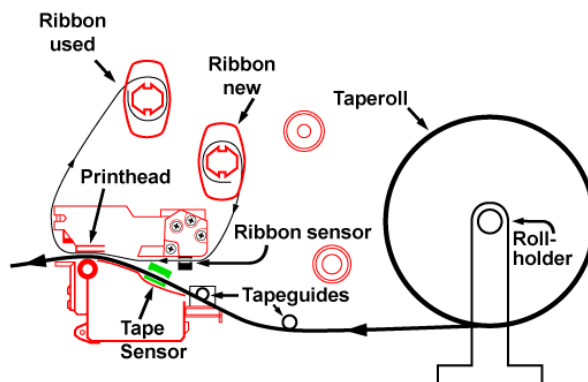
(6) Using the front display panel, set media sensor type and calibrate the selected sensor (See "Media Sensor Calibration" on facing page).

Note: Re-calibrate the gap/black-mark sensors when changing media.