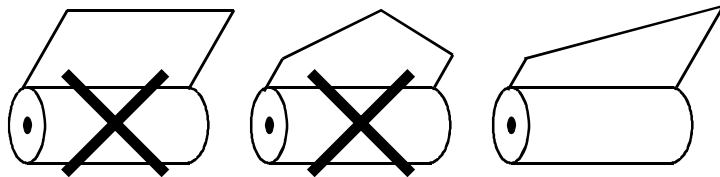


To replace paper roll :



☒ For the best functioning of your printer, ☒ only use the paper approved by **Kyosha** INDUSTRIES.

All the quoted brands are the property of their respective manufacturer.

Kyosha reserves the right to modify without notice the characteristics of this printer.

Kyosha INDUSTRIES

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KyoRack PRINTER

Power on :

When turning the power on, the printer performs several tests and initializations. When the tests are completed, the printer head moves. The blue indicator lights, the printer is then ready for use.

Blue indicator :

This indicator informs on the state of the printer :

- Constant light : Printer ON line.
- Flashing :
 - ✓ Slow :
 - Printer OFF line.
 - Memory full. Wait to launch the next print.
 - ✓ Fast :
 - Out of paper.
 - Printer head blocked. Turn the printer off, remove the paper and replace it correctly.

Button :

The button has four functions :

- Paper feed :
Keep the button pressed to advance the paper.
- Paper detection :
When the printer has detected absence of paper and the paper has been changed, the blue indicator flashes slowly. Push briefly the button and the indicator stops flashing. The printer is ON line again.

- Printing of DIPswitches functions and setting :

Push the button and turn the printer on to get a print of the use and the current position of the DIPswitches. As soon as the printing starts, release the button.

- DUMP mode :

When turning the printer on, shortly push the button to launch DUMP mode (Hexadecimal printing, indicated by printing "DUMP MODE" followed by data sent to the printer). To leave this mode, shortly push the button again.

Configuration of DIPswitches :

Your printer has 8 configuration DIPswitches accessible from the rear of the printer. You can print their setting and the list of their functions (Autotest) as indicated previously, chapter 'Button'.

To change the position of the DIPswitches, use a pen or something similar.

ATTENTION : When you change the DIPswitches, turn the printer OFF, change the switches and turn the printer on again to reinitialize it in its new configuration.

Characteristics :

Printer :

Printing system :	Thermal dot matrix.
Method :	Optimized bi-directional.
Paper feed :	Friction
Line height :	12 dots
Format :	40, 80, 2 x 40 columns*.
Character table :	IBM, set 2 (229 forms)*.
Matrix :	8 x 8 and 12 x 8.
Buffer memory :	128 Ko
Interface :	Serial RS232C*, Parallel Centronics* (with an interface cable).

* = depending on version, see autotest.

Paper roll :

Type :	Thermal black printing
Width :	112 mm
Diameter :	42 mm

Power requirements :

Screw connector block :	12 V to 40 V AC or DC - 18 VA (Without polarity)
DB9 plug :	12 V to 40 V DC only - 18 VA

Reliability :

General :	5 000 hours
Print head :	5 x 10 ⁵ lines

Operating conditions :

Temperature :	5 to 35° C.
Humidity :	20 to 70 % without condensation

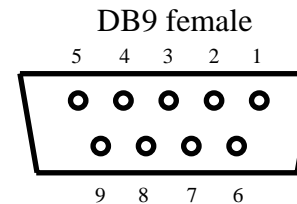
Dimensions and weight :

Front :	W192 x H96 x D12* * Part exceeding outside
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Embedded part :	W176 x H114 x D89* * Height 114 mm plus cable connector.
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Weight : 1,5 Kg with a 20m. paper roll.

Serial Plug :



Contacts view

- 1 - GND - Ground
- 2 - RXD - Data reception
- 3 - PWR - Power supply (DC only)
- 4 - TXD - Data transmission
- 5 - GND - Ground
- 6 - N.C.
- 7 - DTR - Printer ready
- 8 - CTS - (Not managed)
- 9 - N.C.