



TECHNOLOGICAL AND INDUSTRIAL  
SOLUTIONS

## ■ HRP r3 RANGE

- High Resolution Printer for cardboard,  
wood, pallets, textile, bags....

MARKING  
IDENTIFICATION, CODING

# HRP 1000 r3 printer

## Very High Resolution



**Economy  
Efficiency  
Reliability**

**touch screen  
15"**

**For your traceability : texts, graphics, barcodes GS1 128 and Datamatrix**

**Printing heights  
50, 70, 100, 140 and 200 mm**



**Printing quality and performance**

Texts (Unicode) variable datas ( batch, time, counter, shift codes ...),  
barcodes (ITF 14, GS1 128, Datamatrix, etc, ...) perfectly readable and in compliance with GS1 recommandations :

- High contrast ink
- Maxi printing speed of 100 m/mm
- Message length up to 5 m



# HRP 1000 r3 is available in two versions :

## " First "

**For a stand alone installation**

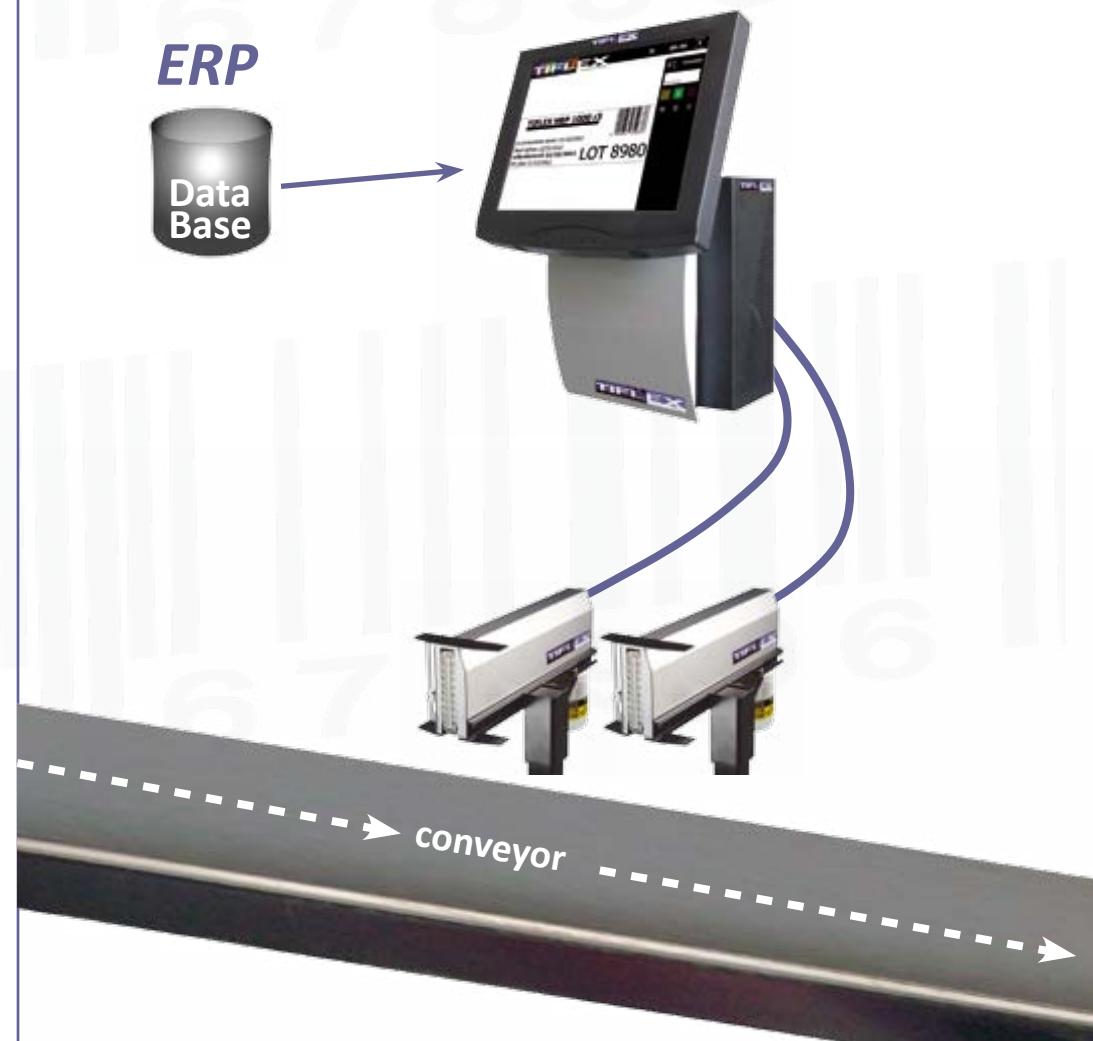
- user friendly interface on 15" touchscreen
- easy and fast installation
- communication with packaging machines or PLC through serial port or I/O



## " Upper "

**Solution to interface your database with the printers**

- network installation or serial link



# Characteristics

	<b>HRP 700</b>	<b>HRP 500</b>	<b>HRP 1000</b>
<b>SYSTEM SETUP</b>	1 GHz Processor – 256 Mo SDRAM PCI Bus. Internal or external encoder 3 m umbilic as standard, up to 30 m option, (distance controller/printstation) .		
	Maximum print length 1,30m for a horizontal resolution of 200dpi.	Maximum print length 5,20 m for a horizontal resolution of 300 dpi.	Maximum print length 2,60 m for a horizontal resolution of 300 dpi.
<b>SYSTEM SETUP</b>	1 to 4 printheads <b>70 mm</b> per controller.	1 to 4 printheads <b>50 mm</b> per controller.	1 to 4 printheads <b>100 mm</b> per controller.
<b>PRINthead</b>	<b>Vertical resolution 180 dpi.</b> Horizontal resolution from 50 to 200 dpi. Distance printhead /carton : 1 mm. Detection photocell (beam length adjustable up to 60 cm). 30 m/mn for a horizontal resolution of 200 dpi, up to 60 m/mn at 100 dpi.		
	Vertical resolution 64 dpi. Horizontal resolution from 50 to 300 dpi. <b>Automatic purge system .</b> Distance printhead/carton: 3 mm. Detection photocell (beam length adjustable up to 60 cm). Recovery of purged ink . 60 m/mn for a horizontal resolution of 200 dpi. Up to 100 m/mn at 100 dpi		
<b>USER INTERFACE</b>	<b>Touch screen TFT 15".</b> <b>«Dynamics» software for print management, creation of configuration and messages, Windows® XPE.</b> Messages with fixed values, time, counters, shift codes, line numbers, graphics (BMP and JPEG), barcodes (EAN8, EAN13, GS1-128, DATAMATRIX, ITF14, UPCA, UPCE, 2/5 interleaved, CODE39 full ascii, CODE128) and geometric shapes (rectangle, line and circle). <b>Messages in XML format.</b> <b>Windows,® True Type and Unicode fonts.</b> <b>Import and Export of messages, settings, graphics and fonts by USB ports.</b> <b>High capacity hard disk.</b>		
<b>CONSUMABLES</b>	<b>High contrast ink, packaged in 500 ml, cleaner of printing plates.</b> Sticks and cleaning paste. Wipe cleaners for the print head.		
<b>OUTPUT NETWORK CONNECTIONS</b>	Serial RS 232, Ethernet. USB port for import/export of graphic and messages. 16 inputs / outputs in 5 V. Alarm controller at 12 V - 10 W. Controlling the execution of the printing process by entries in 12 V.		
<b>ENVIRONMENT</b>	Mains supply 115/230 V, 50-60 Hz. <b>CEM certification and safety.</b> Operating temperature from 10 to 45 °C. Relative humidity (non condensing) 10 to 90 %. IP 52,other IP versions on request		

## Print head from 50 to 400 mm

Mono : 1 print station 500 or 700 or 1000, a message for a print station or a message for two related print stations (version 2000)

Duo : 2 mono print stations, two messages for two to four print stations (Duo version 2000)

Mixing up to 4 print heads, 4 x 50 mm to 4 x 100 mm of height writing

Programmable automatic cleaning with ink recovery, ensuring consistent quality of printing

HRP 500, printing height 50 mm, automatic cleaning	HRP 700, printing height 70 mm	HRP 1000, printing height 100 mm, automatic cleaning
 <b>PEPITAS CHOCO</b> <b>123</b> <b>LE 060 LES CERQUEUX</b>  0075 (17) 060323 (10) 022710400045	 <b>J TIFLEX</b> <b>09</b> <b>SUPERIEUR</b> <b>LE AU CHATEAU</b> 	 <b>Produit:</b> <b>HRP 1000</b> <b>Caractéristique:</b> <b>Très Haute Résolution</b>  044748509851

## **Scantrue II ink for porous substrates**

Oil-based pigment black ink, non-toxic, without solvent, odorless for bar-codes printing

## **V400 inks for coated cartons, varnished cartons with blank**

Oil-based black ink, non-toxic, without solvent, fast drying

## **SP 128 (HRP 700) Ink**

Oil-based black ink (colours on request), non-toxic, without solvent

## **Accessories**

Barcode scanner



Inline barcode scanner

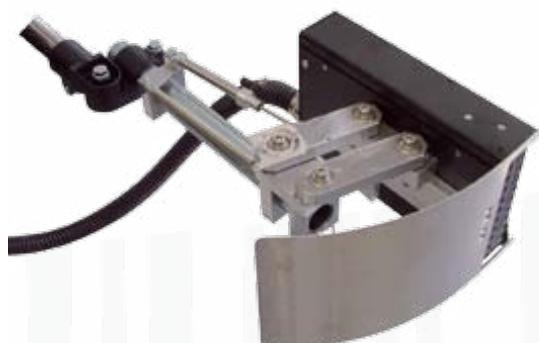
Visual and sound alarm



Shaft encoder



Pantograph printhead adaptor to optimize the positioning printhead/carton



Standard stand

Micrometric stand