



# Ink Jet Printer

## HRP R4 700S

### High Resolution



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For high-resolution printing of texts, logos, barcodes or 2D codes on a height of 70 to 140 mm, the HRP R4 700S printer is the most complete solution on the market. HRP allows indelible marking of cartons and thus guarantees seamless traceability of secondary packaging throughout its life cycle.

HRP R4 700S is particularly suited to the needs of FMCG.

### ➤ **Excellent print quality**

4 gray levels for 1D and 2D barcodes, text, graphics or illustrations.

### ➤ **Cost-effectiveness:**

No need to stock pre-printed cartons or labels, improved TCO and OEE thanks to proven reliability. No line stoppage required for ink cartridge changes, only 1 annual maintenance, no need for compressed air.

### ➤ **Communication and supervision**

Connectivity including standard interfaces such as Ethernet/IP™, automation solutions for integration with factory MES and ERP systems. Our Ockham 4.0 software makes it easy to supervise printers and create messages.

### ➤ **Easy to use**

User-friendly touch screen interface and Ockham 4.0 software.

# Technical characteristics



MODEL		HRP R4 700S
<b>SYSTEM CONFIGURATION</b>	Processor ARM Cortex A9 600 MHz - Memory 256 Mo - Storage 16 Go (SD). Internal tachometer with integrated double detection. External tachometer for barcode printing.	
<b>PRINT HEAD</b>	70 to 140 mm.	
<b>PRINT HEAD AND MARKING AREA</b>	Printing length up to 10 meters thanks to the layer system (8 x 1.25 m).	
	Vertical resolution 180 dpi. Horizontal resolution from 50 to 600 dpi. 4 gray levels available. Head-box distance 1 to 15 mm (recommended). Detection cell (adjustable beam length up to 60 mm). Printing speed up to 300 m/min.	
<b>USER INTERFACE</b>	Ockham 4.0 software solution for message creation and printer supervision. User interface on PC, tablet or optional 15 inch PC panel. Under Windows environment. Messages with fixed values, timestamps, counters, shift codes, line numbers, graphs (BMP and JPEG formats), bar codes (EAN13, GS1-128, DATAMATRIX, QR CODE, ITF14, CODE39, CODE128, ...). Geometric Shapes. Message Format in XML Windows Fonts® True Type Unicode Printing. Import and Export for messages, configurations, graphics and fonts via USB port and network connection.	
<b>CONSUMABLES</b>	OIL-BASED SOLVENT-FREE INK, MINERAL OILS FREE. High-contrast inks packaged in 220 ml cartridges, secured by an electronic chip. Cleaning sticks, print head cleaning cloths.	
<b>NETWORK CONNECTION OUTPUTS</b>	Ethernet, TCP/IP, Modbus. USB Port for import/export of messages and graphics. RS 232 serial link, inputs TOR 24 V (optional) via dedicated PLC. Optional Wifi via an external router. Communication protocols for packaging machines.	
<b>ENVIRONMENT</b>	Printing station: dimensions 407 x 140 x 195,2 mm. Weight 7,5 kg. Main supply 115/230 V, 50-60 Hz. EMC and safety certification. Operating temperature 10 to 40 °C. Relative humidity (non-condensing) 10 to 90 %. Protection class IP42 (print station), IP 65 (PC panel).	
<b>OPTIONS</b>	15" Industrial PC panel. Light alarm. Barcode reader. External tachometer (encoder wheel). Support foot. Cleaning products. USB shower head. Barrier cell with cable and fastening. RS 232 serial link, 24 V digital inputs.	

