

# XL 2500



## 100 mm printing height in excellent quality

The XL 2500 prints high-resolution texts and graphics with a print height of up to 100 mm. The four printheads are adaptable to your packaging printing needs. It prints both static and dynamic data, e.g. from databases. It offers the highest printing quality (300 dpi) and maximum reliability. Thanks to its cartridge based print engine it is 100% maintenance-free.

In addition to the usual 42 ml cartridges, the XL 2500 can also be equipped with various bulk ink supply systems. This can achieve high printing

counts and low printing costs.

The system is based on a robust full-metal platform and is therefore suitable for harsh environments. It works with inks for porous surfaces (cardboard, wood) and non-porous surfaces (plastic, metal).

### Particularly suited

for users who are aiming for a full-size coding of their products and are looking for a maintenance-free printer with moderate printing costs.



Printing on different surfaces with a simple cartridge change



300 dpi resolution for razor-sharp printing



Up to 100 mm printing height



Zero-maintenance with 1-click print head



Maximum reliability



Print from database or excel files



Shock-absorbing suspension



Comprehensive range of bulk ink systems for low printing costs



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## Technical specifications

	<b>Components</b>
<b>Touch Screen</b>	• 7" capacitive touch screen
<b>Menu Languages</b>	• English, Russian, Chinese, Italian, German, Portuguese, Vietnamese
<b>Free Template Design</b>	• Powerful editor on the touchscreen
<b>Font</b>	• Windows True Fonts
<b>Database Support</b>	• SQL, ACCESS, EXCEL, TEXT, etc.
<b>Receive Data from 3rd Devices</b>	• USB 2.0, Ethernet RJ45 port
<b>Printing Technology</b>	• TIJ (Thermal Inkjet technology)
	• Allows quick ink change for different colors or surfaces
	• Automatically ink detection and adjustment of printing parameters
<b>Resolution</b>	• Maximum 300x300 dpi up to 4 inches
<b>Printable Heights</b>	• 4 print heads: 100 mm; 3 print heads: 75 mm; 2 print heads: 50 mm; 1 print head: 25,4 mm
	• Connects 2 two cartridge heads or up to 4 one cartridge head on one controller
<b>Throw Distance</b>	• Maximum 1 - 8 mm
<b>Printability</b>	• Alphanumeric, logos, date/time, expiry date, Julian date, shiftcode, counter/lot, box code, ID & 2D Barcode, image and database
<b>Printing Speed</b>	• 50 m/min in 300 dpi
<b>Density</b>	• 3 levels
<b>Operation Interface</b>	• PC software on 7" touch screen
<b>External connection</b>	• Ethernet 100 Mbps port: communicate with PC
	• Serial RS485
	• AUX I/O port for external sensor, encoder and alarm beacon connection
<b>Ink Management</b>	• Automatic recognition of ink types (aqueous or solvent) and application of appropriate printing parameters
	• Automatic nozzle switching, auto-jet mode and self-cleaning capabilities to extend cartridge lifetime
	• Ink consumption calculator
<b>Ink Solution</b>	• Aqueous ink for porous, semi-porous media and foods
	• Solvent ink for semi and non-porous media
	• Support various colors of ink: Black, Red, Green, Blue, White
	• Comprehensive range of bulk ink systems for low printing costs
<b>Mounting</b>	• Controller: with mounting bracket to keep controller anywhere, 90° degree rotation support
	• Print head: anti-shock mechanism
	• Support side by side and upside down printing direction
<b>Power Supply</b>	• AC 100V-240V, 50/60Hz, 24VDC 5.0A, Max consumption: 120 W
	<b>Technical specification</b>
<b>Operating Environment</b>	• 5-50 °C and 90 % air humidity, non-condensing
<b>Dimensions (L/W/H)</b>	• Controller: 221 x 152 x 55 mm, Printhead: 66 x 46 x 139 mm
<b>Weight</b>	• Depending on the number of printheads

**Warranty**  
• 12 months