R60

The Premium RYNAN TIJ Printer with a 10" Touch Screen Controller That Connects To Up To Six Printheads.

The R60 is a premium TIJ controller from RYNAN's R-Series, equipped with LVDS to offer versatility and performance in coding and marking applications across various industries. It has the ability to seamlessly integrate with three specialized printheads: PRO, MAX, and REACH, each engineered to meet distinct printing needs.

R60 PRO

The R60 PRO utilizes TIJ 2.5 technology to offer flexible printing solutions across a wide range of materials, including both porous and non-porous surfaces. Equipped with half-inch (12.7mm) printheads, it delivers high-speed, high-resolution printing at 600 DPI, and can achieve speeds of up to 76m/min at 300 DPI. This makes the R60 PRO ideal for high-demand applications requiring both speed and precision. Additionally, it supports up to 6 lanes for batch coding, making it an excellent choice for coding multi lane food, beverage, and pharmaceutical manufacturing.

Print height of up to
76.2mm
High quality
600 DPI
max print resolution
High speed up to
76m/min
at 300 DPI

R60 MAX

The R60 MAX utilizes 6 One Inch TIJ technology to offer flexibility for applications requiring larger print heights. Equipped with a one-inch (25.4mm) printhead, it delivers large, clear, and bold prints at 300 DPI, with speeds of up to 76m/min. This makes it ideal for applications demanding both size and clarity. The R60 MAX supports up to six printheads, providing a total print height of 152.4mm, which is perfect for printing on secondary packaging.

Print height of up to
152.4mm
High quality
300 DPI
max print resolution
High speed up to
76m/min
at 300 DPI

R60 REACH

The R60 REACH utilizes Funai TIJ technology to offer flexibility for printing on a wide range of surfaces. Equipped with up to six REACH printheads, it delivers high-quality prints at 300 DPI, with speeds of up to 45m/min. With a print height of up to 81mm and long-throw capability of up to 10mm, it is ideal for applications requiring precision on uneven or curved surfaces.

Print height of up to
81mm
High quality
300 DPI
max print resolution
High speed up to
45m/min
at 300 DPI

Inkjet Solutions Pvt. Ltd.

TECHNICAL SPECIFICATIONS

	R60 PRO	R60 MAX	R60 REACH
Printing Technology	TIJ 2.5	1 Inch TIJ	Funai TIJ
Controller Dimensions	305.6 x 200.9 x 64.2mm		
Printhead Dimensions			
(1 Printhead)	140.5 x 46 x 80.4mm	140.5 x 45.9 x 94.5mm	136.2 x 64.6 x 83.1mm
(2 Printheads)	140.5 x 80.7 x 92.8mm	140.5 x 80.8 x 119.5mm	136.2 x 99.5 x 95.5mm
(3 Printheads)	140.5 x 111.9 x 105.2mm	140.5 x 107.8 x 144.3mm	136.2 x 134.4 x 107.9mm
(4 Printheads)	140.5 x 142.9 x 117.6mm	140.5 x 135.8 x 169mm	136.2 x 166.7 x 120.2mm
(6 Printheads)	140.5 x 209.9 x 142.7mm	140.5 x 203.5 x 219.2mm	136.2 x 145.1 x 251.3mm
Controller Weight	2750g		
Display	10" LCD Touch Screen		
Power Supply	AC 100V–240V, 50/60Hz, DC 24V-2.5A		
Resolutions	Max 600 DPI	Max 300 DPI	Max 300 DPI
Print Speed	Up to 76m/min at 300 DPI	Up to 76m/min at 300 DPI	Up to 45m/min at 300 DPI
Density	3 levels		
Throw Distance	Up to 5mm	Up to 5mm	Up to 10mm

FEATURES

Wide Range Of Print Types	Text • Counter • Box/Lot • Datetime • Expiry Date • Julian Date Shiftcode • Image • Database • 1D & 2D Barcodes (Code 11, Code 39, Code 128, EAN, QR, Datamatrix, GS1 Datamatrix)		
Printable Height	Max 76.2mm / 6 heads	Max 76.2mm / 6 heads	Max 81mm / 6 heads
External Connections	External Sensor • Encoder and Alarm beacon		
Template Length	1.5m		
Database	TXT, CSV, SQL, SQLite, MySQL		
Advance Features (All Models)	• POD (Print online data) Integrate with other devices (PLC, Camera, Checkweigher) via RJ45 • Real-time Printing • WYSIWYG (what you see is what you get) • Data upload, Backup & Recovery via USB		
(R60 PRO Only)	• Free design in template up to 76.2mm (6 heads)		
(R60 Max Only)	• Free design in template up to 152.4mm (6 heads)		
(R60 REACH Only)	• Free design in template up to 81mm (6 heads)		
Printable Characters	Windows TrueType Fonts		
Print Languages	English (default),Vietnamese, Chinese (PRC), Turkish, Korean, Russian, Japanese, Hebrew, Spanish, Thai, Portuguese and Arabic		
System Languages	English (default), German, Vietnamese, Chinese, Korean, Russian, Turkish, Portuguese, Spanish, Polish, Greek and Italian (and others)		