

KORTHO TT-SERIES THERMAL TRANSFER OVERPRINTER



Simplified Thermal Transfer Printing Without Compromise

The Kortho TT-Series Thermal Transfer Overprinters combine high-resolution variable data printing with a uniquely integrated architecture designed to simplify installation, reduce hardware complexity, and improve operational uptime.

Unlike traditional TTO systems that require external controllers and additional cabling, the TT-Series integrates operator controls directly into the printer, minimizing potential failure points while simplifying operation and troubleshooting.

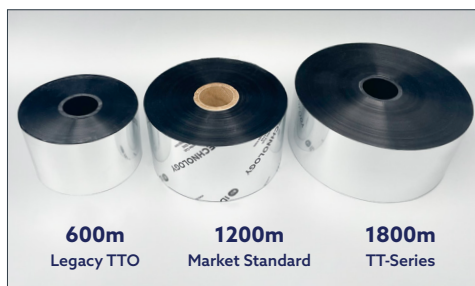
Combined with industry-leading 1,800m ribbon capacity, intelligent SmartForce™ ribbon management, and servo-driven printhead control, the TT-Series helps manufacturers reduce changeovers, minimize downtime, and maintain consistent print performance across demanding packaging environments.

FEATURES AND BENEFITS

- Simplified All-in-One Architecture**
Integrated operator controls eliminate external controllers and cabling to simplify installation and reduce hardware complexity.
- Long-Run Production Performance**
Industry-leading 1,800m ribbon capacity supports longer uninterrupted production runs with fewer ribbon changeovers and reduced downtime.
- Intelligent Print & Ribbon Control**
SmartForce™ technology automatically adjusts ribbon tension and printhead pressure to maintain consistent print quality across varying substrates.
- Optimized Ribbon Management**
Ultrasonic sensors directly measure ribbon diameter in real time to improve ribbon control accuracy and operational reliability.
- Omni-Compatible Open Software Compatibility**
Supports Software and third-party software environments without proprietary system lock-in or software restrictions.
- Reduced System Complexity**
Integrated architecture minimizes external hardware dependencies to simplify troubleshooting and improve operational uptime.



Built-in intuitive touchscreen controls simplify operation, job selection, and daily production management.



Long-run 1800m ribbon capacity helps maximize production uptime and reduce operator intervention.



Intelligent ribbon and printhead control automatically compensates for substrate variation during production.

PRODUCT SPECIFICATIONS

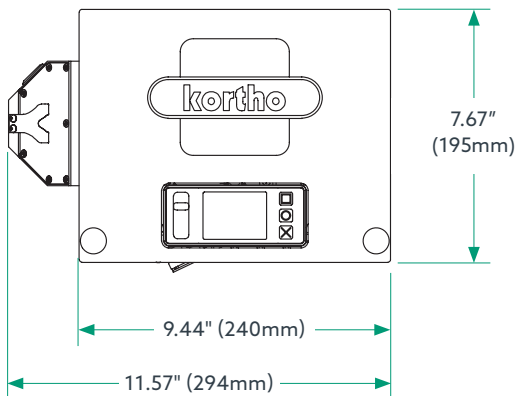
TT-53

TT-107

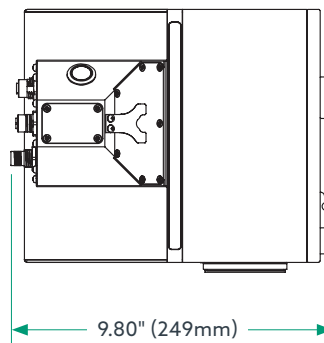
Print Modes	Intermittent (I-mode) and Continuous (C-mode) L & R in any orientation (omni-directional)	
Printhead Pressure	SMARTFORCE keeps the printhead pressure on a exact value while printing	
Ribbon Indexing	Real-time indexing through ultrasonic sensors	
Max. Print Area I-mode	53 x 95 mm	107 x 95 mm
Max. Print Area C-mode	53 x 500 mm	107 x 500 mm
Resolution	300 DPI	300 DPI
Ribbon Length	1.800 m	1.800 m
Ribbon Width	55 mm	110 mm
Printable Ribbon Area	99 m ²	198 m ²
Ribbon Print Gap	< 0.5 mm consistent	
Operator Controls	Integrated HMI Interface	
Third Party HMI/GUI	Windows based LMS - Nicelabel, Bartender or other	
ERP Direct	Direct printer control through ERP output files - SAP, Navision or other	
Wired Communication	Ethernet - I/O - USB	
Wireless Communication	Bluetooth - RFID	
Driver	Windows network driver	
Connectors	Configurable I/O port - Ethernet - USB - Power - Encoder	
Power Supply	External IP-67, 230V AC main cable 300 cm, 42V DC main cable 500 cm	
Housing	Stainless Steel and Aluminum	

DIMENSIONS

FRONT VIEW



TT-53 SIDE VIEW



TT-107 SIDE VIEW

