kortho

TT-SERIES THERMAL PRINTER

THE LONGEST RIBBON WITHOUT BREAKS, WRINKLES OR STUCK ROLLS ON AXLES

Ribbon that wrinkles, breaks or tightens the roll core stuck on the axle. All these notorious TTO problems are caused by accumulating, abrupt or too loose ribbon tension. The longer the ribbon, the worse these issues get. However with our patented **SMARTFORCE**™ technology all ribbon problems belong to the past. This system real-time measures and adjusts the tension so it's always kept on a constant and optimal value. The result: maximum reliability and the longest ribbon on the market. Downtime due to ribbon errors or roll changes has never been lower!

ALWAYS THE BEST PRINT, EVEN ON WORN OR UNEVEN SURFACES

The same **SMARTFORCE**™ technology is also used to regulate the pressure of the printhead onto the substrate. By real-time measuring and adjusting the force it is always kept optimal and constant. Even if the printing surface is bumpy or uneven the printhead will compensate all imperfections by following the trajectory flawlessly! This makes the TT-Series the most forgiving and bulletproof printer on the market. Even on a uneven surface or with a worn platen or roller the Kortho TT-Series will print as perfect as on the first day of installation!

OMNICOMPATIBLE: WORKS DIRECTLY WITH ALL SOFTWARE AND ALL ERP SYSTEMS

Where other printers only work with their own brand software, Kortho leaves the choice of software completely up to you. The TT-Series is basically an industrial PC with a printhead. Because of this any imaginable software, connector or protocol (including wifi) is plug & print compatible. So the use of our free Kortho Control Center software is totally optional. This makes you totally free to objectively chose the software that's best suited for your application. A Kortho printer adjusts itself to your coding need, and not the other way around!

SLIMLINE™: UP TO 50% CHEAPER THAN OTHER THERMAL PRINTERS ON THE MARKET

Just like with our software, the use of our controllers is also optional. The printing unit of the TT-Series already has everything you need. Even an integrated status screen and an LED alarm beacon! Through our free Kortho Control Center app you can control an unlimited amount of printers from any previously purchased PC, server or even tablet. The more printers, the more you save on controllers! We call this our **SLIMLINE**™ concept, which stands for Smart, Less Is More: Save up to 50% on unnecessary equipment by using what your already have!

1.800 MTR		C = 65 M/MIN i = 600 P/MIN		&	**300**DPI		STATUS MENU RIBBON 40% LEFT
MAX. RIBBON LENGTH	SMARTFORCE™ ADAPTIVE PRINTHEAD TRAJECTORY	MAX. PRINT SPEED	100% ELECTRIC	INTERMITTEND & CONTINUOUS L&R IN SAME MODEL	300 DPI PRINTRESOLUTION	BUILT-IN RGB-LED ALARM BEACON	BUILT-IN STATUS DISPLAY

Holland.

NiceLabel® ENTERPRISE PARTNER — NiceLabel® PLATINUM PARTNER — kortho CONTROL CENTER — SLIMLINE CONCEPT™

SPECIFICATIONS KORTHO TT53

- Patented electronic control system **SMARTFORCE**™ real-time regulates ribbon tension. With this the ribbon is kept on the exact needed tension at all times. This not only prevents the ribbon from breaking, wrinkling or jamming stuck on an axle, but also makes the longest ribbon in the world possible.
- Patented electronic control system **SMARTFORCE**™ real-time regulates printhead pressure. By keeping the pressure of the printhead onto the substrate constant and optimal the best print quality is achieved. Even on worn or uneven surfaces.
- **SLIMLINE**™: Control an unlimited amount of printunits from one single terminal (**Kortho Printerface IoT** controller or any of your own Windows systems).
- 100% Electric so no compressed air needed
- **Kortho Control Center** software included for free
- Prints intermittent, and also continuous left and right handed
- Longest printhead lifespan in the market due to mechanical pre-heat function
- Cassette ribbon changing system
- Full color status screen and RGB LED alarm beacon directly integrated in the printunit
- Full Windows OS + Windows network (**Nicelabel**) driver
- Save and recover printer settings function
- Remote customer assistance through the internet
- Real-time hard, and software health status report functions
- TrueType and Unicode font support for all system menu's, keyboards and label autocodes
- Internal barcode generator for more than 113 different barcode types
- Full autocode and barcode serialization functions
- Including several different ribbon save functions
- Ribbon waste in between prints real-time minimalized so that on average the gap is never bigger than 0.5 mm

TECHNICAL SPECIFICATIONS

Maximum ribbon length	1.800 meters
Print area intermittent	53 x 100 mm
Max. print speed intermittent	600 prints/min
Print area continuous	53 x 500 mm
Max. print speed continuous	65 meters/min
Resolution	300 DPI
Communication protocols	TCP/IP, ERP Direct, RS232/485, (PLC) Escape codes
Wired communication	Ethernet, I/O, Serial Port, USB
Wireless communication	Wifi
SLIMLINE™ IoT functions	Control any amount of print units from one single Printerface or Windows system
Material	Powder coated aluminum and stainless steel
Dimensions WxDxH	240 x 207 x 195 mm

2018-02 subject to change without notice

SLIMLINE CONCEPT

kortho CONTROL CENTER

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