

Thermal Transfer Overprinter

TTO FC53/32-Li FC53/32-Lc



iDPRT label and flexible packaging code solutions will help you create more values

FC53/32 is suitable for food, medicine, household chemicals, household paper and other types of flexible packaging variable code (including traceability code, barcode) printing. We regard reducing total cost of ownership (TCO) as the key to TTO design, and FC53/32 goes with iDPRT original ribbon to ensure the best printout and lower use cost



Characteristics

● Cost Saving

20mm to 50mm ultra wide ribbon to optimize ribbon usage
 With Format Designer software; has the function of auto ribbon optimization
 Patented ribbon with saving function to reduce ribbon waste
 Low-cost 32mm TPH for option, which meets the demand of less-than-35mm ribbon usage
 Max. 1100-meter ribbon with less replacement to save printing cost

● Optimize Operation

Obtain availability, ribbon status and damaged dots detection at real time
 Standard 1100-meter ribbon brings longer running time
 Smart data input function makes working management more convenient and safer so as to minimize errors
 With simple information design software "Format Designer"

● High Reliability

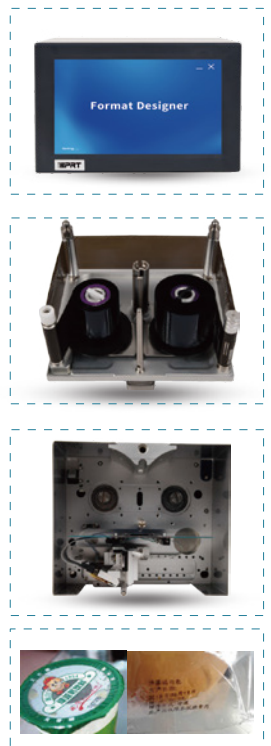
Cost-effective TPH warranty service
 Solid and reliable structure: without any quick-wear parts in ribbon cassette design
 IP protection options for harsh environmental conditions and high-pressure watering

● Highly Efficient Print

Imported smart TPH, with the function of auto setting and broken dots detection to ensure best print quality
 Each package can have the exclusive coding
 Print speed up to 600mm/s
 High resolution of 300dpi

● Eco-Friendly

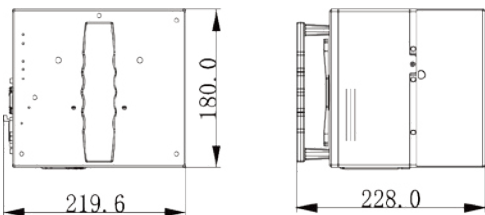
Print at 2.5 bar pressure, and the loss of compressed air for each printing is as low as 0.4ml
 Power consumption has decreased 50%
 New standard ribbon design reduce 20% of ribbon waste
 Power-saving function of controller improves the energy efficiency



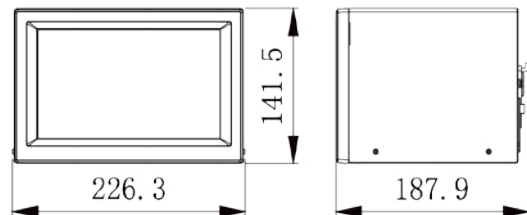
Specifications

Items	Specifications
Structure	All-metal structure
Printing Method	Thermal transfer printing
Resolution	300 dpi (12 dots/mm)
Printing Speed	40-600mm/s
Printing Width	53/ 32 mm (300dpi)
Print Area	53/ 32mm*75mm (Intermittent), 53/ 32mm*100mm (Continuous)
Processor	32-bit RSIC processor
Flash Memory	8MB (minimum)
Dynamic Memory	16MB (minimum)
Real-time Clock Function	STD, battery discharge life is at least 3 years
Sensor	Ribbon tension detection; thermal head position detection; cover open detection; TPH over temperature detection; ribbon break detection
Flexible Packaging Inspection	Electromagnetic induction or synchronizer
Flexible Packaging Materials	PVDC, PET, PE, NY, CPP, OPP, BOPP, BOPET, BOPA, CPP, PE, VMPET, VMCPP and other films and composite films
Ribbon Capacity	1 "mandrel with a maximum length of 1100 meters
Ribbon Type	Type: Wax / Resin; Resin width: 20 mm (0.79 ") to 55 mm (2.17")
Air Supply	Max. 6 bar/90 psi
Air Consumption	As low as 4 ml / print at 2.5 bar
Print Density Level	Level 31
USB Interface	STD, 1 port, type B connector, USB device 2.0
USB Host Interface	STD, 1USB disk connection port ; USB Host 2.0, automatic detection and setting of connections
Serial Port	STD 1 port, female D-SUB 9-pin connectorDefault 9600, 8/N/1, variable baud rate and format
Ethernet Interface	STD 1 port, RJ-45 connector, IEEE802.3 10/100BASE-T
Hardware Interface Port	Input: "Print Start" and a configurable input ; Outputs: fault, warning and 2 configurable outputs
Power Supply	Internal switching power supply module, I / P: AC90V-264V, 47/63 Hz; 150 VA
Software	Format Designer
Environmental Conditions	Operation: 0 to 40 ° C @ humidity 10% to 90% non-condensing Storage: -40 to 60 ° C @ humidity 10% to 90% non-condensing
Machine Dimension	Printer: height less than 190 mm, width less than 220 mm, depth less than 236 mm Controller: height less than 170 mm, width less than 263 mm, depth less than 190 mm
Machine Weight	Printer: less than 8 kg ; Controller: less than 5 kg
Warranty	Printer: 3 years ; Controller: 3 years ; Thermal head: 6 months or 50 KM; Platen: 5 years

Printer



Controller



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