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Markem-Imaje SmartDate X30 Thermal Transfer Printer

At a Glance

- For seamless integration into low- to medium-duty flexible packaging equipment
- Speeds up to 600 millimeter per second
- Print area up to 32 mm x 50 mm

Buy your printer ink from us, and get a discount on this Markem-Imaje printer!

Pricing

Call us at 888-318-0083

Many options are available. Complete details will need to be finalized to determine requirements and final system costs. Work with your Pro Pac representative to build this machine to your specifications.

High-Quality Printing on Flexible Film Packaging

The Markem-Imaje SmartDate X30 industrial thermal transfer printer delivers high-quality printing on flexible film packaging at speeds up to 600 millimeter per second. Designed for easy integration into low- and medium-duty equipment, the SmartDate X30 is a robust one-box solution that can easily be installed on your line or integrated by OEMs.

Benefits

Airless Increases Uptime and Reduce Expenses No need to install plant air. In addition to reducing costs, print quality will remain constant through the years.

Advanced Consumables Management (ACM) system Ribbons and printhead are automatically recognized and adjusted to code minutes after you start it. No human intervention required, no mistakes.

Dead-Dot Detection System Eliminates Faulty Codes Constant quality codes thanks to unique printhead monitoring.

Enhanced Printing Experience

Compact One-Box Solution Extremely compact in size (20cm x 17cm x 18cm), it can easily be integrated into your production line and integrated by OEMs.

Intuitive Remote User Interface (RUI) An optional 10.1" touchscreen remote user interface can be connected and positioned anywhere on the packaging machine.

Easy to Use From message selection to print adjust everything is only one click away. Track your five most important production metrics directly from your RUI home screen.

Profile Configurator for Error-Free Operation Configurable RUI home screen and password-protected

user profiles manage access and limit human-related errors.

Fully Supported Printing Experience

Unmatched Reliability Simple, robust design proven in packaging facilities worldwide delivers consistent reliable results.

Up to 15% More Codes per Roll Large choice of ribbon rolls based on your packaging type and needs.

Operations

Hot swappable/removable user interface

Enhanced diagnostics

Print adjust, on-board configurable password protection

Robust LED status indicators on the printer

Hardware interface: – Inputs: Print go and 1 configurable input – Outputs: Fault, warning – USB for uploading and downloading images, settings and data files, message storage location – RS232, Ethernet communications standard – Parent/Child function to allow parent control for up to 7 children

Communications: - For PCs, PLCs and packaging machines - Web Browser on the host PC - Virtual Network Computing

Print Features

Print speed: – Intermittent: 100 to 600 mm/s – Continuous: 50 to 600 mm/s

Print area: – Intermittent: 32 mm x 40 mm – Continuous: 32 mm x 50 mm

Print features: – Automatic printhead setup - Dead-dot detection – Average gap between prints: 0.5 mm – Automatic shift codes and serial numbers – Multiple variable user input fields with alpha numeric texts

Ribbon saving mode: - Radial ribbon saving - Interlaced mode

Print specifications: – Full true type font support, including non-Roman characters and symbols – Printing of real-time clock, dates and auto updating best before dates

Barcodes: Han Xin, QR, GS1 DataMatrix, RSS

Other Characteristics

Variety of thermal transfer ribbons: – SmartDate Xceed – SmartDate Xtra – SmartDate Xpert

Ribbon widths: 22 mm and 33 mm

Maximum ribbon length: up to 700 m

Printer weight: – Intermittent: 5.5 kg – Continuous: 5.0 kg

Electrical power supply: ˜ 110 – 230 Vac (+/- 10%) 50 – 60 Hz

SmartDate X30 without power supply requires 24 VDC

No air supply required

Operating temperature range: 0 to 40°C

Humidity: 10% to 90% non-condensing

Options

Color remote user interface

Handheld Terminal Interface: - LCD screen for message selection - Variable data entry - Diagnostics - System setup

Accessories

Mounting bracket

Encoders
Barcode scanner

Software

CoLOS Free (included)
CoLOS Base (optional)
CoLOS Line (optional)
CoLOS Factory (optional)

Material Types

Stick packs
Seal wrappers
Seal bags
Pouches
Metalized labels
High-barrier films
Decorative labels

Industries

Snack food
Pharmaceuticals
Pet food
Food
Dairy
Cosmetics
Confectionery
Beverage

Please contact Pro Pac or call 888-318-0083 for your printing and date-coding equipment.