



Professional Packaging Systems

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Markem-Imaje SmartDate OEM Connect



At a Glance

- For seamless integration into medium- to high-duty flexible packaging equipment
- Plug and play set-up for easy communication with host HMI
- Designed to easily install in small footprints

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.

Scannable High-Resolution Codes Printed at High Speeds

The Markem-Imaje SmartDate OEM Connect is designed for seamless integration into medium to high-duty flexible packaging equipment. The SmartDate OEM Connect delivers high-quality printing on flexible film packaging.

Designed for demanding applications, the SmartDate X45 and X65 OEM Connect delivers a seamless, cost-effective, trouble-free solution for OEM integration. Compact enough to be connected in any mounting configuration. Offers the full capabilities of the SmartDate X45 and SmartDate X65 for message selection, production monitoring and help tutorials. With the SmartDate OEM Connect, integration has never been easier.

Benefits

Small Compact Footprint The SmartDate OEM Connect is designed to easily install in small footprints and reduced cabinet space.

Plug and Play Set-up with Windows or Internet explorer for easy communication with the host Human Machine Interface (HMI).

Intuitive User Interface Utilize the full functionality of the SmartDate X45 and SmartDate X65 network connectivity with an optional remote user interface that can be connected and positioned anywhere on the packaging machine.

Printing Operation Optimization

Line Configuration SmartDate X45 and SmartDate X65 printers adaptable for intermittent or continuous

line configuration.

Printing Flexibility Can be easily changed from left to right hand with no additional parts.

Printing Capabilities Printing area maximized with 32mm, 53mm and 128mm printheads.

High-Quality Codes Faster Print speed can be set from 10 mm to 1,800 mm per second allowing for up to 455 printed packs per minute at 300 dpi.

Fully Supported User Experience

Tutorials to Facilitate Daily Activities A range of animated help and how-to tutorials providing guidance on setup and daily maintenance procedures to ensure high print quality directly from the packaging machine HMI.

Consistent Quality Print Eliminate defective codes with seamless connectivity to Detect-Plus, CoLOS Mark & Read and other CoLOS solutions.

Operations

WEB User Interface or Virtual Network Computing enables full functionality of the SmartDate printer directly from the HMI (Human Machine Interface) of the packaging machine.

Three communication protocols: - Web Browser on the host PC - Enhanced DCP Communications - NGPCL Protocol

SmartDate X45 and X65 user familiarity: - Animated help tutorials - Print / image adjust - On-board configurable password protection - WYSIWYG print preview of printed message - Real-time display of remaining print capacity expressed in hours and number of prints - Parent/Child function to allow control up to 7 printers - Full diagnostics: Pack rate, speed

Hardware interface: - Inputs: Print go and 1 configurable input - Outputs: Fault, warning, and 2 configurable outputs

Message storage: - On controller - On USB - On host PC mode - On local network

Software interface: - USB for downloading images - Settings - Data files - RS232, Ethernet communications standard

Print Features

Print speed: - Intermittent: Up to 700 mm/s - Continuous: 10 to 1800 mm/s

Print area: - Intermittent: 32mm, 53mm or 128 mm x 75mm - Continuous: 32 mm, 53 mm or 128 mm x 250 mm

Print features: - Automatic printhead setup - Detect: Dead-dot detection - Quick Change Print Head - Combined intermittent and continuous printer - Easily change from left to right hand with no additional parts - Gap between prints: 0.5 mm - Automatic shift codes and serial numbers - Multiple variable user input fields with alpha-numeric texts - High Pack rate mode

Ribbon saving mode: - Radial ribbon saving - Interlaced mode - Multi-print triggers - Negative ribbon advance

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: Code 128, EAN 128, EAN 8, EAN 13, UPC A, UPC E, RSS linear, PDF 417, GS1 DataMatrix, QR and Composite RSS

Other Characteristics

Supplies: Thermal transfer ribbon in a variety of grades and colors

Maximum ribbon length: up to 1100 m

Minimum ribbon width: 20 mm

Maximum ribbon width: 130 mm

Weight: - Printer: 7.8 kg - SmartDate X45 and X65 OEM Connect: 3Kg - Remote User Interface: 2.63Kg

Power: - SmartDate X45 OEM Connect - 100-230V AC (+/-10%), 50/60Hz - SmartDate X65 OEM Connect - 115-230V AC (+/- 10%) 50/60Hz

Air supply: 6 bar/90 psi (maximum) dry, uncontaminated

Air consumption: from 0.4 ml/print at 2.5 bar

Operating temperature range: 0 to 40°C

Humidity: 10% to 90% non-condensing

Remote User Interface IP Rating: IP66

Options

Detect-Plus code detection

Promotional coding

Accessories

Mounting bracket

Encoders

Barcode scanner

Software

Included CoLOS Free for design of simple messages

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.