9450 E | PRODUCTIVITY. CONTRAST. ADHESION.
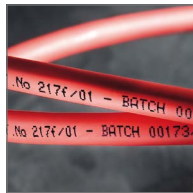## THE PRINTER FOR EXTRUSION

IMPROVE YOUR PRODUCTIVITY ■■■

Dedicated to the PIPE, CABLE, TUBE and PROFILE industries, the 9450 E combines a premium ink circuit with a new generation printhead design that will ensure the quality of your codes even on dark substrates with an optimized TCO.
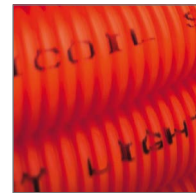
OPTIMIZE YOUR OPERATING TIME AND EXPENSES

UP TO **3,000*** KM of cable printing without printhead cleaning.

REDUCED TCO **20%**** ink savings without compromising on contrast.

Additive consumption REDUCED TO **3** ML/H at 20 °C.

20% FASTER*** Up to 1,000 m/min for wire harnessing and optical fiber applications.

SMART consumable system, no set-up required.

MISTAKE PROOF USER INTERFACE even when entering long messages.

PRECISION ALL THE WAY, EVERY TIME

Precise, even on the smallest wires **(1 mm)**.

Precise when using the embedded metering function: **2 mm** tolerance.

SPECIALTY INKS FOR CONTRASTED AND HIGH ADHESION CODES ■■■

High performance ink offer dedicated to extruded products providing contrasted durable print, even on difficult substrates like PE and in rough environmental conditions.

PREMIUM RANGE OF INKS FOR MULTIPLE ENVIRONMENTS
- Fast drying and non migrating
- Resistance to UV, automotive fluids, underwater environments, vulcanization, etc.

MAKE SURE YOUR CODE LASTS, EVEN ON PE
Inks are specifically formulated and tested for impeccable contrast and perfect adhesion on a wide variety of substrates, including the most difficult ones (PVC, PE, LSZH, PP, etc).

MULTIPLE COLORS
Black, white, orange, blue, green, red and yellow.

* Metering application based on 190 million characters printed
** TCO: Total Cost of Ownership. Compared to other competitive models in the same category
*** Compared to other competitive models in the same category

PRODUCT CODING - CONTINUOUS INKJET CODING - 9450 E

markem·imaje
a DOVER company

PRINT FEATURES

▸ Mono-jet printhead
▸ G head (printing resolution: 71 dpi) or M head (printing resolution: 115 dpi)
▸ Up to 5 lines of print
▸ Print speed: up to 1,000 m/min
▸ Font height from 5 to 32 dots
▸ Character height: from 1 to 11 mm
▸ Wide choice of 1D and 2D barcodes: EAN8/EAN13/GS1-128/UPCA/UPCE barcodes, code 39, code 128, interleaved 2 of 5, Datamatrix, QR code
▸ Wide choice of characters: Latin, Arabic, Cyrillic, Hebrew, Japanese, Chinese, Korean, etc.

OPERATIONS

▸ Message library (up to 1,000 messages)
▸ International operator/machine interface with a wide choice of languages
▸ WYSIWYG 7-inch wide touch screen: realtime display of remaining print capacity expressed in hours and number of messages; integrated assistance and alert system; simplified message printing and management; creation of user profiles; tracking of consumption and printer availability
▸ Additional functionalities: metering, interleaving of 2 messages, on the fly production changes, quick access to counter setting, optimization of tolerance control, chimney characters, DIN mode
▸ USB and SD ports
▸ Jet Speed Control guarantees marking quality
▸ Automatic selection of fonts, depending on print speed and printhead/object distance
▸ Premium ink circuit to run all types of inks
▸ Broad range of inks: multi-use, high-performance or high-contrast inks; ketone-free and MEK-free inks available
▸ Sealed 0.8-liter cartridges with foolproofing system
▸ Quick connect/disconnect of accessories (photocell, alarm,encoder)
▸ Parent/child connectivity
▸ Ethernet connectivity
▸ Specific date management (rounding date function)

OTHER CHARACTERISTICS

▸ Weight: 25 kg
▸ Table-top or vertical mounting
▸ Ultra-flexible 3-meter umbilical cable
▸ Stainless steel cabinet and printhead case
▸ Dust/humidity protection rating: IP56 not requiring plant air
▸ Operating temperature range: 0 to 45 °C depending on printer model and ink used
▸ Humidity: 10 to 90% non-condensing
▸ Electrical power supply: 100-120 V or 200-240 V with automatic switching; frequency 50/60 Hz; power 60 VA

OPTIONS

▸ Printhead pressurization kit
▸ IP66 protection (requires plant air)
▸ 9450 Ec for pigmented ink use
▸ Enhanced autonomy kit
▸ RS-232/422 connectivity, parallel interface, many I/O possibilities to enable remote operation
▸ Ultra-flexible 6-meter umbilical cable

ACCESSORIES

▸ Printer supports: stands (stainless steel or aluminum), table or wall mounting brackets
▸ Printhead stand (stainless steel) and different printhead brackets
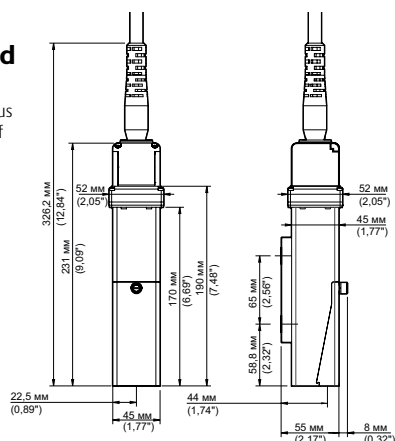▸ Photocells; encoders; alarm beacons (24 V)

SOFTWARE

▸ Compatible with CoLOS Create Professional and CoLOS Enterprise
▸ Logo creation with CoLOS Graphics
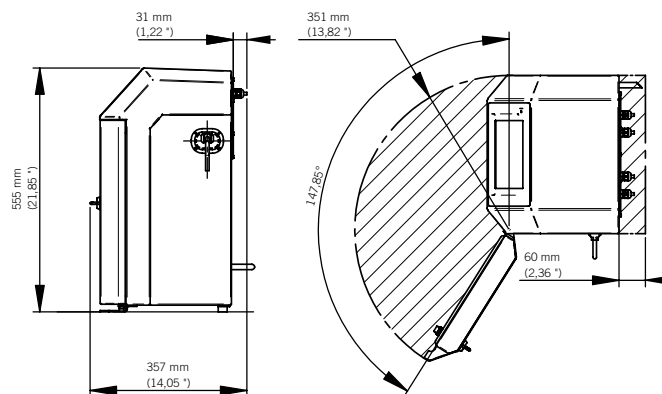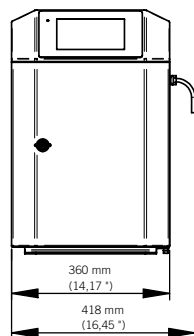▸ OEM protocol compatibility: Komax, Schleuniger, etc.

Printhead

Minimum radius of curvature of the umbilical:

- Static: 100 (3.93 ")
- Dynamic: 150 (5.90 ")

326,2 мм (12,84") · 231 мм (9,09") · 52 мм (2,05") · 170 мм (6,69") · 190 мм (7,48") · 22,5 мм (0,89") · 45 мм (1,77") · 44 мм (1,74")

52 мм (2,05") · 45 мм (1,77") · 65 мм (2,56") · 58,8 мм (2,32") · 55 мм (2,17") · 8 мм (0,32")

Cabinet

360 mm (14,17 ") · 418 mm (16,45 ") · 31 mm (1,22 ") · 555 mm (21,85 ") · 357 mm (14,05 ") · 351 mm (13,82 ") · 147,85° · 60 mm (2,36 ")

We reserve the right to amend the design and/or specifications of our products without notice.

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