

HOT FOIL METER MARKER

- Meter and text marking by hot foil stamping
- Speeds up to 150 m/minute and above with special colour tape pay-off unit

FMS 2-C

FEATURES

Hot stamping marker using electrically heated, engraved dies and pigment tape.

Marks product length in meters.

Prints user selectable text.

Optional, manually adjustable coding heads for stamping frequently changing code numbers.

Abrasion-proof, exceptionally clear lettering.

Complete with frame, guide roller assembly, heating system, and all required accessories except engraved type segments.

CONFIGURATION

One marking wheel 1 m in circumference with built-in 4-digit meter counter and 300-mm type segment supports for installing engraved type segments.

Complete high-performance heating system.

Counter: raised type, standard number size: 3.5 mm, manual reset lever.

Marking wheels available separately for quick changing of text or codes.

Convertible to footage marking by replacing sensing and marking wheels. (Footage wheels available separately. Option FU required for conversion.)

APPLICATION

Marking cold product within the extrusion line – downstream from the cooling bath and drying fan – or as a separate operation (e.g., in a winding system).



SPECIFICATIONS

Product diameter: 10 to 250 mm

Marking speed:

Up to 60 m/minute (standard version); up to 150 m/minute and above

with special pigment tape transport

Available for left-to-right or right-to-left running.

OPTIONAL DEVICES

A range of optional extensions are available for all FMS Series machines, allowing you to adapt your machine exactly to your production needs. For details refer to the Options section.



Options and Accessories

Pneumatic reset system for meter or footage counters. Option PN

Allows the counter to be reset to zero manually at the push of a button or program controlled during marking.

Programable electronic control module for PN pneumatic reset system or other pneumatically operated functions. Option W

Sprung guide rollers. Option S

Sprung guide rollers for perfect stamping results even on bumpy surfaces.

Sprung, pneumatically controlled guide rollers. Option SP

Sprung, pneumatically controlled guide rollers for perfect stamping results even on bumpy surfaces. Guide rollers will lift automatically as the extrusion line starts and lower as it stops or if there is a „lump“ in the cable.

Marking wheel drives for highest accuracy of measurement :

QDM Torque assist drive

This drive mode compensates for the internal friction of the marking device so that the cable only has to carry an extremely smooth-running marking wheel, thus ensuring high measuring precision. Readings are not compared with an external length measuring device.

SSYN The marking wheel is precisely synchronized with a measuring wheel fitted with an incremental transmitter that produces high frequency measuring signals. A special electronic unit allows particularly fine adjustment in 0.01% steps in order to compensate for any transmitter errors or subsequent changes in product length. Any modern laser length measuring equipment may be used for the transmitter.

Colour tape pay-offs:

Tandem tape pay-off. Option TT

Supply reel assembly with two tape reels for quick pigment tape changing (within 2 to 3 seconds).

Tandem tape pay-off for speeds up to 150 m/min. Option TF

Same as Option TT, except with spring-loaded idler for reducing acceleration forces acting on the supply reel. Permits marking speeds of up to 150 m/minute with minimum mechanical stress on the pigment tape.

Tape pay-off for Jumbo reels, for speeds up to 150 m/min. Option JTFM

Pneumatic tape buffer and supply reel motor ensure smooth tape motion, thus permitting marking speeds of up to 150 m/minute without tape breakage.

Tandem Tape pay-off for Jumbo reels, for speeds up to 150 m/min. Option JTFM 2

Allows for uninterrupted marking while replacing the empty Jumbo reel. Includes Options FA and VO.

Type Segments

Engraved type stamps in standard lengths of 20, 40, 60, or 80 mm for composing text to be printed on the product. Type segments mount on dedicated type segment supports in the marking wheel.

Type Holders, Interchangeable Type

If you need to print frequently changing combinations of letters, numbers, and symbols, this system provides optimum flexibility. Individual characters can be easily mounted in and removed from the type holders. Maximum type size 3.9mm.

Spare Counters and Coding Heads

Various types of automatically advancing counters (up to 6 digits) are available for marking product length in 1-m or 2-ft. increments, manually adjustable coding heads with up to 8 type discs for printing codes that need to be changed frequently.



MEDEK & SCHÖRNER GMBH
Cable Marking Systems