

HIGH PERFORMANCE HOT FOIL METER MARKER

- Meter marking at highest accuracy of measurement
- Speeds up to 200 m/minute with special colour tape pay-off unit

FMS 5

FEATURES

Hot stamping marker using electrical-ly heated, engraved dies and pigment tape.

Advanced AC Servo drive for jerk-free operation even at very low operational speeds.

Tacho-incremental encoder, synchro-nizable with Laser length measuring devices.

Two separate heating systems ensure consistent heating of type segments and coding heads by automatically balancing the differing heating power requirements of type segments and coding heads.

Heating power is automatically mat-ched to the marking speed.

Marking wheels are coupled directly to the drive unit for vibration-free operation.

Available with 4, 5, or 6 digit meter counters.

Prints user selectable text.

Abrasion-proof, exceptionally clear lettering.

Electronic control system for high-performance marking.

Operator-friendly touch-screen con-trol panel for easy adjustment of all (drive-) parameters.

Complete with frame, guide roller as-sembly, heating systems, electronic control cabinet, and all required ac-cessories except engraved type seg-ments.

High-performance cable marking pa-ckage consisting of:

Synchronized drive for extremely accurate length marking.

Sprung, pneumatically controlled gui-de rollers.

Pneumatic marking wheel lift.

End of tape and tape breakage visual and acoustic alarm devices, etc.

Protective devices according to CE.

Suitable for left-to-right and/or right-to-left running

Easily convertible into footage mark-ing machine by simply exchanging the marking wheel

SPECIFICATIONS

Product diameter:

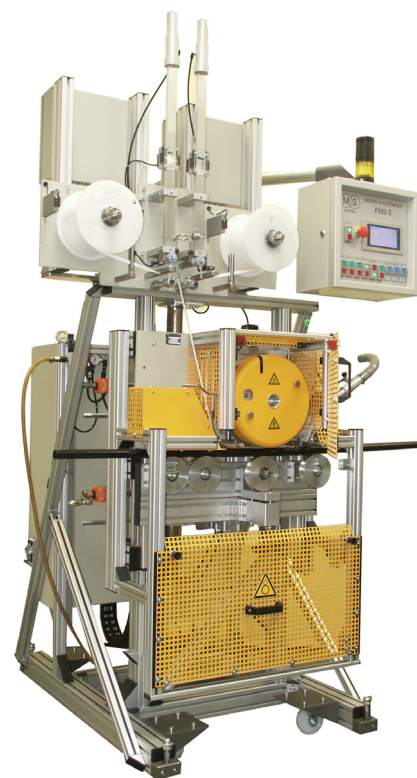
The FMS 5 comes complete with a pair of guide rollers for product within a diameter range from 8 to 60 mm. Special guide rollers for diameter prod-uct 6 to 30 mm, 28 to 100 mm or 10 to 250 mm are available from M&S.

Marking speed:

Up to 60 m/minute (standard versi-on); up to 200 m/minute with special pigment tape pay-off unit JTFV

APPLICATION

High-performance meter marking at highest accuracy of measurement



Options and Accessories

A range of optional extensions are available for all FMS Series machines, allowing you to adapt your machine exactly to your production needs.

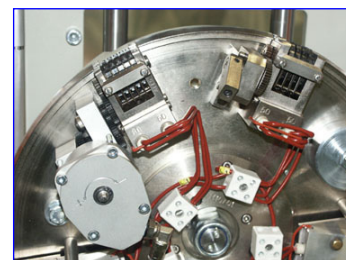
Zero resets for length counters

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.

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

Causes, for instance, the counter to be reset to zero or the marking wheel to be lifted every time a preset length of cable has passed through the machine. An additional, programmable contact closure allows an external process (e.g., cutting the cable at a preset length after the counter has returned to zero) to be triggered.



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).

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

Supply reel assembly with one Jumbo reel and a 9-cm „auxiliary“ reel allowing quick replacement of the Jumbo reel „on the fly“.

Pneumatic tape buffer and supply reel motor ensure smooth tape motion, thus permitting marking speeds of up to 150 m/minute without tape breakage. Includes end-of-tape and tape breakage indicators as well as one VO tape usage optimizer each for main and auxiliary tapes.

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

Option JTFV 2- Allows for uninterrupted marking while replacing the empty Jumbo reel.



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.



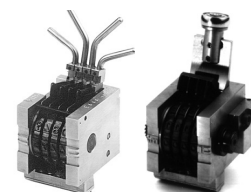
Type Holders, Interchangeable Type

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.



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



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Cable Marking Systems