CMSI Technologies

Integrated Software and Printing Systems

LabelMaster LM6-SO

Print and Apply Label Applicator for Dusty Environments

The LM6 applies labels to virtually any product with timed-to-the second precision, while processing variable data from label to label. When equipped with a Swing-on (LA-SO), shown below, the LM6 can apply a single label to most any surface, or even apply a label to 2 surfaces in one pass (front and side, front and top) depending on how the applicator is mounted.

Designed for industrial environments, the LM6 integrates seamlessly into most production lines.

- Designed for 24/7 production
- Able to apply to contour surfaces such as a bag
- Fast printing and dispensing in 1:1 mode
- Single pass front and side label application
- Print speeds up to 16"/sec (406mm/sec) at 305 dpi
- Over-sized ribbon length up to 3,281 ft. (1,000 m)
- Right or left hand application design
- Low material warning for labels and ribbons reduces downtime
- Ribbon saving mechanism at non-printed areas are standard
- ZPL compatibility

Why YOU would choose the LA-SO for your LM6

The LA-SO takes labels from the dispensing edge of the LM6 and moves them in a swinging movement to the product, where it presses the labels on (front side) or rolls/wipes it on (side or top).

This LA-SO is capable of applying front labels at line speeds of up to 49.21 ft. / min. (15 m/min), and apply to the sides or tops of products moving at line speeds of up to 95 ft. / min. (30 m/min).

Positive airflow to deture dust accumulation when used in dusty environments.

*Optional roation for side applications.

STANDARD FEATURES

PRINT SPEED
LM6:   2 - 12 in/sec. (51- 304.8 mm)

LABEL WIDTH
LM6:   up to 7.24 in.(184mm)

LABEL ROLL SIZE
12 in. (300mm) max.
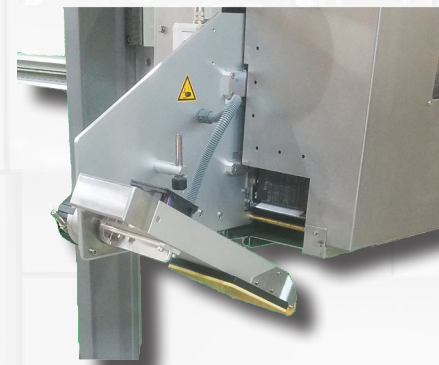Core Dia: 1.5 in./3 in./4 in.

LABEL TYPES
Converted, self-adhesive label material with liner, on rolls. Paper, thermal transfer, direct thermal, plastic film material.
(e.g. PE, PP, PA, PVC)

RIBBON LENGTH
LM6:   Up to 3,281 ft. (1,000 m)

RIBBON WIDTH (NEAR EDGE)
LM6:   Up to 6 in   (160mm)

PHYSICAL DIMENSIONS   (W × H × D)
LM6:   43in x 25in x 19in.
            (1092mm x 635mm x 487 mm)

WEIGHT
LM6:   86 lbs   (39kg)

MEMORY
LM6:   RAM: 64 MB

OPERATING TEMPERATURE
LM6:   41° to 86° F
                                5° to 30° C

STORAGE TEMPERATURE
LM6:   -4˚ F to 158˚ F
                            -20˚C to 70˚C

HUMIDITY
45 to 75 % non-condensing

PROTECTION CLASS
IP 21 Standard

GRAPHIC FORMATS
BMP, PCX, JPG, TIF, GIF, Easy Plug logos

DATA PORTS
A.) USB Port
B.) Ethernet; RS232 (Sub D9)
C.) Serial (115,200)
D.) Standard USB
E.) Remote Display (optional)
F.) Foot Pedal (optional)

BARCODES
1-dimensional: Ean 8 and Ean 13 with 2 and 5 digit add-on, UPC-A, UPC-E, Code 39, Code 39 Ratio 3:1 and Ratio 2,5:1, Code ITF, Codabar, Code 128, Code 2/5, Code 2/5 1, Code 2/5 5, Code 2/5 Interleaved Ratio 1:3, Code 2/5 Matrix Ratio 1:2,5; Code 2/5 Matrix Ratio 1:3; Code MSI, Code Ean 128; Postcode (routing and ID code) UPS Code 128, Code 128 Pharamacy; all bar codes available in 30 widths and freely scanable in height; 2-dimensional: Data Matrix Code, Maxie Code, PDF 417, Codablock F, Code 49, GS1 datbar, EAN UCC composite symbology

Signal Interfaces Output
Output: 4x, PNP, 24V; Input 3x, PNP/NPN, 24V. Optional Applicator Interface Board

Accessories/Upgrade Options:
- Outer diameter control sensor
- Additional RS232/422/485
- Signal Interface
- Additional RS232/422/485 I/O board
- Long dispenser edge (encoder required)
- Pressure roller
- Remote Display
- RFID UHF
- APSF-Sensor (Rotary encoder kit)
- Connector for APSF encoder
- Ribbon core adapters

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