MPERIA® **A-Series**

AUTOMATED PRINT & APPLY LABEL SYSTEM POWERED BY MPERIA®

The MPERIA® A-Series Automated Print and Apply system is simplicity in its finest form. Consistent and precise label placement increases your production line uptime while a compact frame enables easy installation — even in confined spaces. Designed for your line operators' ease of use, consumables are intuitively replaced in a matter of minutes. Finally, an advanced safety design delivers the perfect solution for your automated print and apply labeling needs.

Ideal Applications

+ Carton / case / RPC / tray pack, and other secondary packaging labeling
+ Pallet labeling in distribution warehouses and/or end of production line pallet loading stations
+ Food and product package labeling as well as direct product labeling in industrial environments (lumber, pipe, insulation, and more)

Advantages

+ Unmatched accuracy in label placement and labeling speeds ensure efficiency and uptime
+ Tool-free maintenance and effortless consumable replacement make it easy on production line workers
+ No trap points and fewer moving parts mean no bulky cages and a safer work environment
+ Labels are consistently and reliably placed every package, carton, or product traveling your production line
+ Message changeovers and creation are intuitively managed with operators only needing to learn one controller with MPERIA®

Increase Production Line Efficiency

+ Centralize marking and coding control with the industry's only true universal controller, MPERIA®
+ Automate data flow with seamless database integration
+ Add marking technology and systems without extra investment or middleware

D43 labeling food packages

T43 labeling carton

T63 labeling pallet

T63 labeling insulation roll

An Applicator for All Your Applications

MPERIA® A-Series Print and Apply applicators are intelligently designed to ensure precise label placement while facilitating ease of operation and maintenance. Our applicator options cover the gamut of requirements for speed, placement, and label sizes; we have the perfect applicator for your production line.

BLOW APPLICATOR
Precise, touch-free label placement driven by an air knife from a distance of up to 3.9" (100 mm). Labels ranging from 1.4"x1.4" (35x35 mm) to 3.9"x3.9" (100x100 mm) are supported.

BLOW VAC APPLICATOR
Vacuum injectors and an air knife ensure precise large label placement while no moving parts assure safe operation from a distance of up to 5.9" (150 mm). 5.9"x3.9" (150x100 mm) labels are supported.

WIPE90 APPLICATOR
Excellent for adjacent labeling with a tactile arm that can be configured for both left- and right-side applications; the Wipe90 G2 applicator consistently places your labels where required, safely.

BELT APPLICATOR
Excellent for high-speed lines requiring precise label placement from above, below, or aside, supporting sizes from 1.1"x1.1" (30x30 mm) to 4.6"x5.9" (118x150 mm).

TAMP/ETAMP
Incredibly accurate label placement at speed with the Tamp applicator featuring a stroke length of 2.8" (70 mm) and the eTamp applicator offering a stepper motor with a stroke length from 5.9" (150 mm) to 33.4" (850 mm).

QUICKTAMP APPLICATOR
Excellent for shipping labels and eliminating traditional bottlenecks in logistic warehouses, this applicator handles height variations up to 3.2 ft (1 m) and conveyor speeds up to 262 ft/min (80 m/min).

WIPE APPLICATOR
Incredibly versatile, this applicator handles side, front, rear, or top placements to adjacent sides and corner wrap. Stabilized with carbon fiber, the G2 Wipe provides precise labeling without sacrificing safety.

FLEXWIPE PALLET APPLICATOR
Featuring a tactile arm and capacity of 5 pallets/minute on two sides, the FlexWipe pallet applicator is both incredibly safe and efficient. Trap points are eliminated while verification of all barcodes and the ability to label three sides delivers a reliable, cost-effective system.

Specifications

PRINTER MODEL	D43	T43	T63
PRINTING TECHNOLOGY	Direct Thermal	Thermal Transfer or Direct Thermal	
LABEL SIZE (W×L)	1.2 x .8 in (30 x 20 mm) to 4.6 x 9.5 in (118 x 240 mm)		3.2 x .8 in (80 x 20 mm) to 7.0 x 9.5 in (178 x 240 mm)
MAX PRINT WIDTH/MAX MEDIA WIDTH	4.3 in (108 mm) / 4.7 in (120 mm)		6.4 in (162 mm)/ 7.1 in (180 mm)
APPLICATOR TYPES	Blow, BlowVAC, Belt, Tamp, eTamp, Wipe, Wipe90, QuickTamp		BlowVAC, Tamp, eTamp, Wipe, Wipe90, QuickTamp, FlexWipe Pallet Labeling System
RESOLUTION	300 dpi		
MAX PRINT SPEED	8 in (200 mm)/s standard, 11.8 in (300 mm)/s optional with activation code, 15.75 in (400 mm)/s optional with PE upgrade		
FONTS/BARCODES/2D CODES	Truetype Unicode/EAN-13, EAN-8, CODE128, GS1-128, GS1-Databar (+ Exp, Limit, Stack, Stack Omni, Exp Stack), Interleaved 2 of 5, Pharmacode, UPCA/Datamatrix, PDF-417, QR Code		
DIMENSIONS LxWxH (EXCL. APPLICATOR)	17.3 x 14.2 x 16.7 in (440 x 360 x 425 mm)		17.3 x 16.5 x 19.1 in (440 x 420 x 485 mm)
LABEL ROLL OUTER DIAMETER (MAX)	12 in (300 mm)		
LABEL ROLL CORE DIAMETER	3 in (76 mm)		
LABEL ROLL WINDING	Labels on the outside of the roll		
RIBBON ROLL OUTER DIAMETER (MAX)	N/A	3.3 in (85 mm)	
RIBBON ROLL CORE DIAMETER	N/A	1 in (25 mm)	
RIBBON ROLL WINDING	N/A	Ink on the inside of the roll	
COMMUNICATION	Ethernet/LAN		
OPERATING TEMPERATURE/HUMIDITY	+5°C to +40°C/20 to 85%, noncondensing		
MAIN SUPPLY/CONSUMPTION	110/240 VAC, 50/60 Hz/Idle: 30-50 W, Max: 400 W		
AIR SUPPLY/CONSUMPTION	88 PSI/6 Bar, Clean and Dry/Idle: 0, Operation: 1-3 liter/label		

D43

T43

T63

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