

MPERIA[®] A-Series

PRINT & APPLY LABEL SYSTEM POWERED BY MPERIA[®]

Unrivalled Safety, Precision and Simplicity



PRECISELY PLACE HIGH-RESOLUTION LABELS RELIABLY AND WITH THE GREATEST SAFETY

The MPERIA® A-Series print and apply system is simplicity in its finest form; enabling consistent and precise label placement with an advanced safety design in a compact frame that enables easy installation on your production line—even in confined spaces.

Crucial Precision

- + Error proof production with accurate and reliable labeling on every package or carton, including pallets
- + Multiple applicators and configurations for virtually any production line ensure your label hits the mark
- + Precise labeling at the speed of your production line with 8" per second all the way up to nearly 12" per second



Safety Assured

- + Your line workers are safe with ample access to components that feature direct servo motors
- + No need for bulky cages or bolt-on protection systems thanks to fewer moving parts and trap points
- + Consumables are easily replaced thanks to unrestricted access while a magnetically attached printhead means minutes instead of hours when replacement is required*



Reliable Scalability

- + Easily grow from one A-Series printer on your line to multiple A-Series on additional lines all driven by one controller
- + Seamlessly integrate label verification and validation without expensive middleware
- + Prevent integration headaches and complexity with a single interface controlling your A-Series and 3rd party coding technologies



*Most competing systems feature a fixed printhead design, requiring substantial replacement time.

Introducing MPERIA®, a Truly Universal Controller

- + Eliminate human error and rework; message and code automation all handled through an intuitive interface
- + Grows with your business; whether adding more production lines or multiple plant locations
- + Reduce complexity by removing unneeded middleware and 3rd party providers
- + Achieve next level productivity; seamlessly connect to your business systems



A-Series Labeling Systems



D43 Printer

- + Direct thermal technology
- + 300 dpi
- + Up to 8"/second standard, optional up to 11.8"/second

PRECISE PLACEMENT with automatic code readability validation
DESIGNED FOR SAFETY with minimal moving parts and intelligent control
EASY TO INSTALL & OPERATE with flexible mounting options and pre-loaded test layouts



T43 Printer

- + Thermal transfer technology
- + 300 dpi
- + Up to 8"/second



T63 Printer

- + Thermal transfer or direct thermal technology
- + 300 dpi
- + Up to 8"/second
- + GS1 standard for pallet and large box labeling

An Applicator for All Your Applications

MPERIA Print and Apply applicators are intelligently designed to ensure precise placement as well as facilitate ease of operation and maintenance. Multiple options are available ensuring you have the perfect applicator for your 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 supported.



WIPE90 G2 APPLICATOR

Excellent for adjacent labeling with a tactile arm that can be configured for left and right side applications.



BELT APPLICATOR

Excellent for high-speed lines requiring precise label placement from above or below; supporting sizes from 1.1"x1.1" (30 x 30 mm) to 4.6"x5.9" (118 x 150 mm).



TAMP/ETAMP APPLICATOR

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, this applicator handles height variations up to 3.2 ft (1 m) and conveyor speeds up to 262 ft/min (80 m/min).



WIPE G2 APPLICATOR

Incredibly versatile, this applicator handles side, front, rear, or top placements, 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. 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	Thermal Transfer or Direct Thermal
LABEL SIZE (WxL)	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 G2, Wipe90 G2, QuickTamp	Blow, BlowVAC, Belt, Tamp, eTamp, Wipe G2, Wipe90 G2, QuickTamp	BlowVAC, Belt, Tamp, eTamp, Wipe G2, Wipe90 G2, QuickTamp, FlexWipe Pallet Labeling System
RESOLUTION	300 dpi		
MAX PRINT SPEED	8 in (200 mm)/s standard, 11.8 in (300 mm)/s optional	8 in (200 mm)/s	
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 14.2 x 19.1 in (440 x 360 x 485 mm)	
LABEL ROLL OUTER DIAMETER (MAX)	11.8 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	6 Bar, Clean and Dry / Idle: 0, Operation: 1-3 litre/label		



Matthews Marking Systems is a global supplier of marking and coding solutions for product identification, branding, and traceability. Our customers trust us to help them achieve increased productivity while driving bottom line improvement with reliable systems for any application. With over 160 years of marking and coding experience, we've established a global reputation as a premier innovator helping customers succeed in industrial and consumer goods packaging industries.