

PALLET³

PRINT & APPLY - LABEL APPLICATORS



IMA  **LABELING**
Label Application Solutions

PALLET³

The Pallet³ is an automatic Print&Apply pallet labeling system complying with international logistics identification standards (GS1). The tamp pad with articulated wrist allows automatic Tamp & Blow application of an A5-size labels on up to three sides (front, side and back) of a pallet.

The compact Pallet³ labeler can be easily positioned to the side of the pallet roller conveyor and is enclosed in a sturdy anodized aluminum cabinet to ensure the operation of the unit in dusty and dirty industrial environments.

The system is particularly reliable and requires minimal maintenance.





ROBUST AND REFINED DESIGN

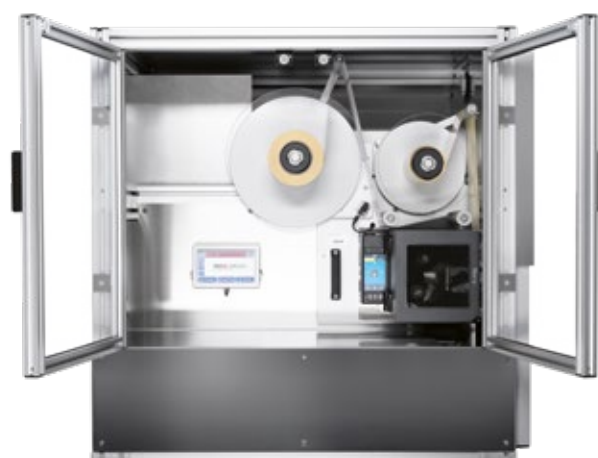
- RUGGED AND CORROSION-RESISTANT CONSTRUCTION USING ANODIZED ALUMINUM AND STAINLESS STEEL
- COMPACT DIMENSIONS

USER-FRIENDLY

- 7" TOUCH SCREEN COLOR DISPLAY CONTROL PANEL
- ETHERNET AND USB PORTS FOR DIAGNOSTICS, REMOTE CONTROL, FIRMWARE UPGRADE AND CONFIGURATION

SAFE AND RELIABLE

- MINIMAL MAINTENANCE
- LOW FORCE ON MOVING PARTS TO ENSURE OPERATOR SAFETY
- COMPLIANT WITH DIN EN 415 STANDARDS (SAFETY OF PACKAGING MACHINES)
- SUPPLIED WITH AN AUTOMATIC DOOR, TO PROTECT THE SYSTEM FROM DUST AND DIRT



VERSATILITY

- FULL ELECTRIC AND PROGRAMMABLE AXIS MOVEMENT TO MEET ALL APPLICATION REQUIREMENTS ACCORDING TO THE CHARACTERISTICS OF THE PRODUCTION LINE
- LABELING ON UP TO THREE SIDE OF A PALLET

PALLET³

Touch display

LINKMATE

Each labeling system can be set and configured easily with LinkMate.

- EASY SETUP FEATURE TO LOAD THE CONFIGURATION OF ANY SYSTEM.
- FINE TUNING OF EVERY CONFIGURATION PARAMETER FROM SERVICE ACCESS LEVEL
- FULL DIAGNOSTICS OF EVERY INPUT AND OUTPUT OF THE SYSTEM
- EASY TO RECORD A REPORT WITH A SNAPSHOT OF REAL TIME SYSTEM EVENTS
- EASY TO REQUEST TECHNICAL ASSISTANCE BY SHARING A DATA REPORT



INTUITIVE USER INTERFACE

- The 7-inch LCD touch screen control panel has a resolution of 800 x 480 pixels.
- It is intuitive and easy to use, featuring icons, and has three levels of management (operator, supervisor, and service).
- The compact display is splash resistant.
- The rugged, corrosion-resistant control panel shell is made of anodized aluminum so it can be used in harsh industrial environments.





COMPLETELY ICON-BASED

- Configuration and Service remote tool
- Easy I/O management and configuration
- TCP/IP - USB
- User + Supervisor+ Service level, protected by password
- Unique platform for any IMA Labeling device
- Customizable user experience

EASY CONFIGURATION AND REMOTE ASSISTANCE

- Configuration and Service remote tool
- Easy I/O management and configuration
- TCP/IP - USB
- Four access levels, protected by password
- Unique platform for any IMA Labeling device
- Customizable user experience



FOCUS ON ACCESS LEVELS

- USER
It can view the firmware list, system events, and can request remote technical assistance.
- SUPERVISOR
It can select the application cycle, change some parameters related to the current cycle, and has access to some parameters related to system settings and diagnostics.
- SERVICE
It can configure and perform maintenance and service operations, can update peripheral firmware, and can manage program preferences.
- ADMINISTRATOR
It has complete access to all system parameters. This level of access is restricted to IMA Labeling technicians.

PALLET³



PERFECT LABELING

An arm with a rotating tamp pad (RT option) allows label application in vertical (portrait), horizontal (landscape) orientation, or with any angle in between, a useful feature when applying, for example, hazard labels.

APPLICATION SCHEME DESIGN

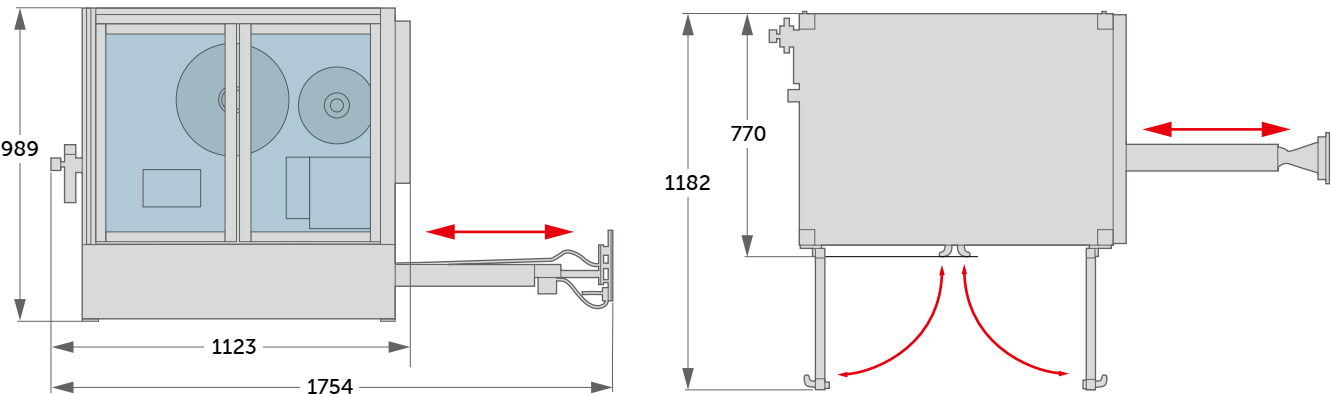


Front, side
and rear

TONS OF OPPORTUNITIES

- **SUPPORT STRUCTURE KIT** FOR THE Pallet³. THE HEIGHT OF THE STRUCTURE IS 970 MM.
- **INTERLOCK KIT FOR THE CABINET DOORS** SWITCHES INHIBIT ANY MOVEMENT OF THE SYSTEM WHEN THE CABINET DOORS ARE OPENED WHEN CHANGING THE REEL OR PRINT ENGINE RIBBON.
- **LOW PAPER SENSOR KIT** SENDS A SIGNAL WHEN THE REEL REACHES A PRESET LIMIT.
- **LABEL APPLICATION CONFIRMATION SCANNER KIT** CONFIRMS THAT THE LABEL HAS ACTUALLY BEEN APPLIED ON THE PALLET AND VERIFIES THAT THE BARCODE HAS BEEN PRINTED LEGIBLY.
- **3-COLOR BEACON LIGHT** OFFERS A VISUAL CHECK OF THE SYSTEM STATUS. IT IS AVAILABLE ALSO WITH A BUZZER MODULE.
- **DIRECT SCANNING PRODUCT SENSOR** FOR PRODUCT RECOGNITION WITH A 2-METER CABLE.
- **POLARIZED REFLECTION PRODUCT SENSOR** WITH REFLECTOR FOR PRODUCT RECOGNITION. INCLUDES A 2-METER CABLE.

TECHNICAL DATA



PALLET ³	
Available versions	Right or left
Methods of application	Tamp & Blow (with contact)
Typical application	On static products
Nominal stroke of the X-axis (arm)	580 mm
Nominal stroke of the Y-axis (carriage)	400 mm
Tamp pad size (W x H)	160 x 220 mm (6.3 x 8.6 inches)
Standard Label size (W x H)	UNI ISO A5 148 x 210 (5.8 x 8.3 inches) Various sizes are available upon request (min. size 100 x 100 mm - 3.9 x 3.9 inches)
Power supply	110-120 VAC, 50-60 Hz 220-240 VAC, 50-60 Hz
Protection level	IP 2X
Communication	Ethernet • USB
User interface	7" touch screen color display control panel
Configuration and diagnostic tool	LinkMate

ima.it

IMA S.p.A. - IMA LABELING division
info.phoenix@ima.it • imalabeling.com
FOLLOW IMA    

