



## Professional Packaging Systems

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# Markem-Imaje 2200 Pallet Print & Apply Label Applicator



## At a Glance

- Flexible range of pallet labeling solutions
- Unique compact design and robust swing arm applicator
- 1 or 2-side pallet labeling at speeds up to 120 pallets per hour

## Pricing

Call us at 888-318-0083

Many options are available. Complete details will need to be finalized to determine requirements and final system costs. Work with your Pro Pac representative to build this machine to your specifications.

## High-Speed Pallet Print & Apply Labeling

The Markem-Imaje 2200 Pallet print and apply labeler provides a flexible range of pallet labeling solutions from simple single face labeling to full GS1 compliant pallet labeling.

The 2200 Pallet print and apply labeler builds on a proven concept providing reliability, efficiency and ease of use in demanding 24/7 environments. The 2200 Pallet labeler takes print and apply labeling optimizes operational intervention and unparalleled reliability.

## Unmatched Print and Apply Reliability

Unique compact design and robust swing arm applicator makes it the perfect long-term investment. High-performance non-stick label pad and contact parts for easy to clean, uncomplicated operation.

## Operation Optimization

Simple media path allows operators to reload label and ribbon rolls in less than 40 seconds.

Synchronized label and ribbon change.

No tools concept allows printhead and roller exchanging in less than 60 seconds.

Automatic shut-off feature for enhanced operator safety and quick restart.

## High-Performance Printing

1 or 2-side pallet labeling at speeds up to 120 pallets per hour.

Maximized productivity with proven, accurate adjacent side pallet labeling.  
Dual RISC processors, supported by a dedicated ultra fast co-processor, deliver efficient performance.  
Markem-Imaje labels and ribbons guarantee print quality and long printhead life.

## Traceability

Compliant ANSI grade A/B codes even at the highest application speed.  
Optional barcode scanner ensures that 100% of pallets leave the factory with a readable barcode.  
CoLOS software solutions ensure product data integrity, central data management and easy connection to existing enterprise database.  
Each unique pallet label can be identified and tracked at every step of its journey, from when it leaves the factory to its final destination.

## Eco-Initiatives

Designed to be over 85% recyclable.  
Power consumption below 60 watts at maximum throughput.

## Print Features

### Print Methods

Thermal transfer or direct thermal (selectable on same print unit)  
Built-in real-time clock  
10 individual programmable counters  
Swing arm for one and two adjacent side applications

### Print Engines

2620: 168 mm, 200 dpi (8 dots per mm)  
2630: 162 mm, 300 dpi (12 dots per mm)

**Maximum Print Speed:** 300 mm/s

### Label Application Time Cycle

Single linear movement: 7 s  
Single side movement: 10 s  
Two adjacent side movement: 20 s

### Fonts

16 smooth scalable fonts available  
TrueType font downloadable  
Support for Unicode fonts

### Graphic Features

BMP, WMF, PCX, PNG, ICO, GIF, TIFF, JPEG  
All major linear barcodes and 2D barcodes

## Operations

User interface with graphic display and machine status in 26 languages  
Control panel: start, pause, print  
Built-in safety feature: Automatic air shutoff when applicator hits obstacle  
Remote and machine emergency stop buttons

Programmable re-apply sequence or fault after barcode failed read

### **Communication Interface**

2 x In via Opto

5 x Out via relay (24 VDC)

High-speed RS-232, 300 – 115 200 bps

Ethernet 10/100 (LPD, R Telnet, FTP, web server)

## **Media Specifications**

Media types: Die-cut self-adhesive labels, outside wound standard

Standard label size: DIN A5 148 x 210 mm

Maximum label width: 178 mm

Maximum label roll: 350 mm (optional 400mm)

Inner core: 76 mm, inside wound thermal transfer ribbon

Ink ribbon length: 560 m

Ribbon core: 25 mm, best results with Label MI ribbon range

## **Other Characteristics**

Left- and right-appliator versions (frontside, backside)

Humidity: 20 to 85% non-condensing

Power requirements: 110/240 VAC; 50/60 Hz

Air supply: 6 bars, dry and clean

## **Options & Accessories**

Inside wound label kit

Expanded memory SD card slot

Scalable and international fonts

Three-color-status beacon

Barcode readers

Floor stand and docking station

## **Software**

CoLOS Base, CoLOS Line and CoLOS Factory

CoLOS Pallet (optional)

CoLOS Line Terminal

## **Material Types**

Plastic films

Corrugate

## **Industries**

Confectionery

Personal care

Pet food

Dairy

Pharmaceuticals

Cosmetics

Food

Beverage

Please [contact Pro Pac](#) or call 888-318-0083 for your printing and date-coding equipment.