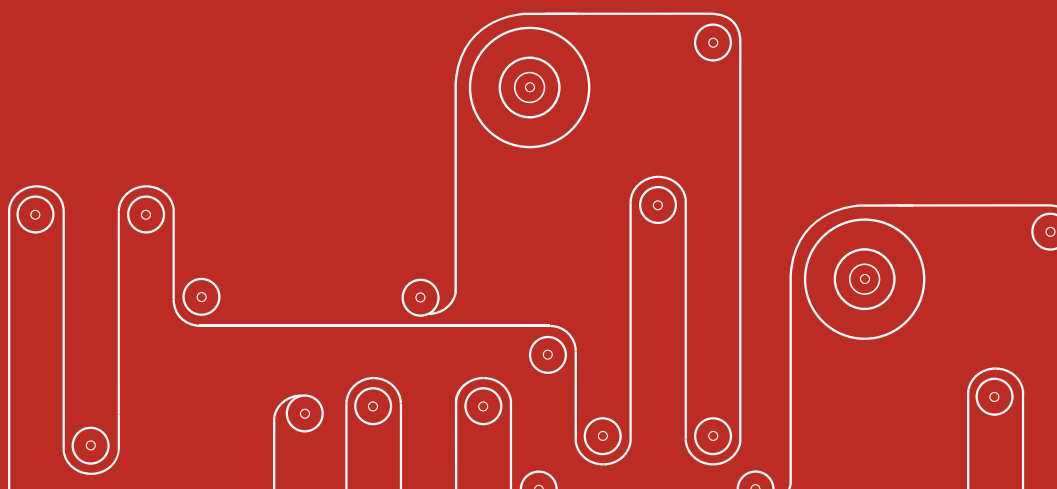# MECTEC

P6000

Pallet labelling on your terms

MECTEC

As the demand for more efficiency, productivity and traceability grows, the need for automatic pallet labelling systems increases. The P6000 offers a wide range of features built into two different enclosures of aluminium or stainless steel construction. It delivers a flexible, reliable, safe and easy to operate solution to ensure maximum productivity for many years to come, even in the harshest of industrial environments. Thanks to its innovative design the applicator can be easily set up to label either one or two sides of the pallet, giving you the flexibility to meet current and future requirements.

Aluminium cabinet

EASY
Simple label and ribbon paths with clear colour threading diagrams ensure quick consumables changes. With left and right hand versions available, the system can be optimised for operator convenience in every installation.
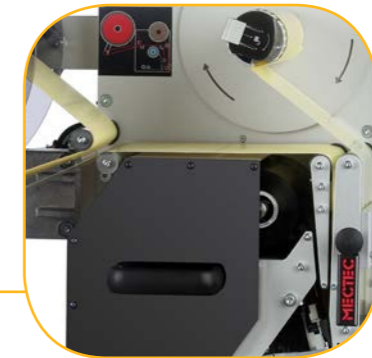
FLEXIBLE
The innovative non-stick applicator pad easily handles standard label sizes, e.g. A5 and A6. Spring loaded suspension plus the release-blow function ensures consistent label adhesion even onto irregular surfaces.

SAFE
Remote push-button panel for quick machine stop access.

RELIABLE
Integrated check scanner ensures that pallets cannot move on until they have fully readable barcode labels applied.

Traceability

Pallet labelling is the foundation of the supply chain traceability. It creates a unique identity that is essential for shipments, warehousing and storage of the goods for the customer.

P6000 makes it easy for you to follow the requirements of GS1 standards applying fully compliant Serial Shipping Container Code (SSCC) barcode labels on one or two sides of the pallet.

MECTEC

The P6000 has a clean and modular design for inline use and is therefore easy to integrate. It can automatically apply two labels on adjacent sides of the pallet with one pallet stop in full compliance with GS1 standards. If required it can be configured to apply only one label per pallet stop. All industries have different requirements and the P6000 is designed to withstand the challenges. Its robust design makes it well suited for operation in any industry. For the most demanding customers in industries such as Food and Beverage, the stainless steel cabinet is the preferred choice for maximum protection and durability.

SAFE
Cabinet mounted sensors prevent operator access to moving parts ensuring safe yet convenient operation.

Stainless steel cabinet

EASY
Protected quick-release connectors for secure and easy installation. RS232 & Ethernet interfaces and multiple configurable I/O's make integration easy.

RELIABLE
Robust components ensure that labels are applied with perfect precision over and over again.

FLEXIBLE
Unique applicator head design allows for the turning direction to be easily configured for every application, giving the flexibility to apply one of the labels on either the leading or trailing side of the pallet.

Integration

Many of our customers wish to fully integrate the pallet labellling solution in their existing production lines, connecting to ERP or warehouse management systems. Our suite of powerful software packages enables this and we can support you during the design and implementation phases of the project.
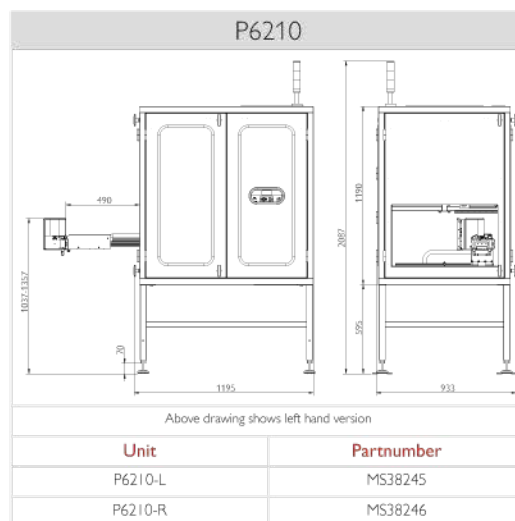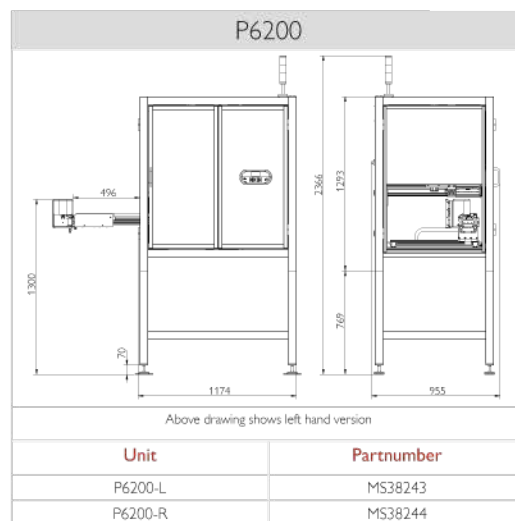
Handling part pallets

Many applications require a system that can cope with part pallets. An additional desktop printer can be specified and integrated into the system to meet this requirement and also act as a back-up to the main pallet labeller.

Models	P6200	P6210
Enclosure	Aluminum cabinet	Stainless steel cabinet
Left or Right handed version	●	●
Tamp applicator, with blow	●	●
Number of labels per pallet	1 or 2	1 or 2
Possible label positions	Front, Side or Back / Front and Side / Back and Side	Front, Side or Back / Front and Side / Back and Side
Label widths allowed	60 to 150 mm	60 to 150 mm
Label lengths allowed	40 to 210 mm	40 to 210 mm
Max distance to product (To comply with GS1 standards)	450 mm	450 mm
Cycle time	18 seconds (2 labels on 2 adjacent sides) / 13 seconds (1 label on back or front) / 5 seconds (1 label on side)	20 seconds (2 labels on 2 adjacent sides) / 15 seconds (1 label on back or front) / 7 seconds (1 label on side)
Thermal Transfer capability	●	●
Direct Thermal capability	●	●
12 dots/mm (300dpi) print resolution	●	●
Max print width	160 mm	160 mm
Max width of backing paper	164 mm	164 mm
Max ribbon width	165 mm	165 mm
Max ribbon roll length	450 m	450 m
Ribbon rolled	ink-out	ink-out
Max label roll outer diameter	305 mm	305 mm
Label roll inner diameter	76 mm	76 mm
Minimum label gap	3 mm	3 mm
Input air pressure	6 bar - clean dry air	6 bar - clean dry air
Air consumption (per cycle)	24 Litres (2 labels on 2 adjacent sides) / 15 Litres (1 label on back or front) / 9 Litres (1 label on side)	26 Litres (2 labels on 2 adjacent sides) / 17 Litres (1 label on back or front) / 11 Litres (1 label on side)
Power consumption (per cycle)	1310 Ws (2 labels on 2 adjacent sides) / 670 Ws (1 label on back or front) / 470 Ws (1 label on side)	1310 Ws (2 labels on 2 adjacent sides) / 670 Ws (1 label on back or front) / 470 Ws (1 label on side)
Idle power	60 W	60 W
Status beacon (Green/Yellow/Red)	●	●
Extra home position sensor	●	●
Low level media sensors	●	●
Machine stop	●	●
Sensor guarding on all doors	●	●
Adjustable feet on cabinet (+/- 50 mm)	●	●
Non-stick pad	●	●
Check scanner	Optional	Optional
Automatic front door	Optional	●
Label check	Optional	Optional
Communication interface	Ethernet, RS232	Ethernet, RS232
I/Os	8 configurable inputs / 1 fixed + 7 configurable outputs	8 configurable inputs / 1 fixed + 7 configurable outputs
Input voltage	90-250VAC 50-60Hz	90-250VAC 50-60Hz
Operating temperature	5°C to 40°C	5°C to 40°C
Weight	185 Kg	225 Kg
CE approved	●	●

● = Standard feature

P6200

Above drawing shows left hand version

Unit	Partnumber
P6200-L	MS38243
P6200-R	MS38244

P6210

Above drawing shows left hand version

Unit	Partnumber
P6210-L	MS38245
P6210-R	MS38246

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http://www.youtube.com/user/ArctecSA

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"Making Production Better"