

MECTEC

Solution overview
Your guide to Print and Apply



MECTEC

We'll make it work

Your Print and Apply solution is only as good as the equipment you choose, together with the people who develop it, install it and provide the service and support.

MECTEC offers Print and Apply equipment for many industries, including:

- * Bakery
- * Chemicals & Plastics
- * Electronics
- * Engineering
- * Food & Beverage
- * Logistics
- * Packaging
- * Pharmaceuticals
- * Pulp & Paper
- * Timber & Wood



MECTEC is a Print and Apply specialist with a range of proprietary equipment and software for any application. We can configure a complete solution for almost any production line, or simply provide top quality units for implementation into an existing system. Either way, MECTEC backs all offers with unrivalled service and support from our global network of Print and Apply specialists.

Options that improve efficiency

For printing and labelling, selection of the right equipment depends on your production line configuration, the space available, environmental challenges such as dust and temperature, product shapes and fragility, among others. MECTEC offers a range of qualitative options designed to address your unique needs ensuring years of worry-free performance.

This guide offers an easy overview of many of the options available. If you don't see your solution here or have something different in mind, let your MECTEC representative know – we'll be happy to help you find a Print and Apply solution that works for you.

System overview

Discover your full range of options at www.MECTEC.com.

The Print and Apply system shown here offers an easy way to understand how the basic components of a MECTEC solution work together. Its modular design allows us to configure a unique solution to your individual needs, simply by choosing different parts – all of which

are produced and assembled using top quality materials by MECTEC engineers. The system's compact design ensures it will be easy to integrate into your production line.



Controller

- * Easy to learn and customize for multiple tasks
- * USB, Ethernet and WLAN connectivity provides control of all systems and robust connection with ERP systems



Printer

- * Wide selection for any application
- * Thermal transfer, Direct thermal or Non-Printing
- * Durable and robust design
- * Easy to operate and service



Applicator

- * Multiple options including Tamp, Blow, Wipe, Tamp/Blow, Reversed Wipe, Dual Tamp etc.



Accessories

- * MECTEC offers a wide range of complementary products to help customise your Print and Apply solution to your exact needs



Software

- * MECTEC's proprietary software offers many powerful label design and control features
- * Full integration with a wide range of ERP systems

We can...

Pallet labelling with automatic height adjustment



Not all pallets are created equal – heights can vary from one to the next. MECTEC has solutions that provide the flexibility you need by quickly adjusting to different heights automatically.

Find out more about Pallet labelling by scanning this QR code with your mobile phone.





A closer look at your printing options

MECTEC offers the widest range of industrial in-line printers for labels on the market.

You may want to use Direct Thermal labels to be able to print without using a ribbon, or Thermal Transfer labels for a long lasting print, or simply feed labels which are already pre-printed. You may also want to use long labels, short labels, round labels, wide labels, narrow labels; no matter what your preference and need is, we have the printers for it. Naturally, all MECTEC printers are designed to be part of a complete MECTEC solution – meaning you can

configure a seamless system by adding MECTEC applicators and accessories.

All printer settings can easily be adjusted in MECTEC software or directly on the controller. The settings can anytime be uploaded and saved to file.

Print technologies: Thermal transfer, Direct Thermal, Non-Printing

Broad selection of printers: 50 mm - 305 mm (2" - 12") width

Printing labels up to A3

Print speed up to 360 mm/s

Print resolutions: 8 or 12 dots/mm (200/300dpi)

Available in both right and left hand versions for better operator comfort and productivity

Quick and easy access for service

Easy and fast media change

Double and triple label reel printers



We can...

Precision labelling



With some labels, there's no room for error – they simply have to be exact, time after time after time. It could be because the packaging surface is limited, or due to strict regulations or high expectations. Whatever the challenge is – we have the equipment, service and knowledge to solve it.

Find out more about Precision labelling by scanning this QR code with your mobile phone.





The art of applying a label

It is easy to underestimate the challenges of applying labels rapidly and effectively.

Packaging and production lines come in all shapes and sizes. The right labelling solution is critical to prevent bottlenecks ensuring your goods are shipped on schedule.

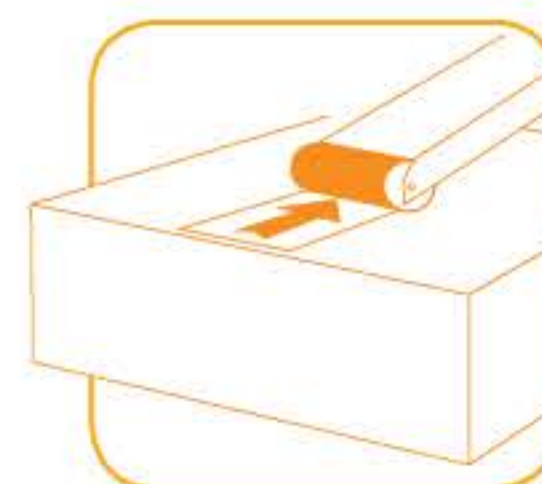
At MECTEC, we have many years of experience in developing optimised labelling solutions for customers across a wide range of industries. We've studied and learned how to ensure fast and accurate labelling that maximises productivity/OEE. The following guidelines reflect that learning, offering tips for consideration in your choice of MECTEC solutions.



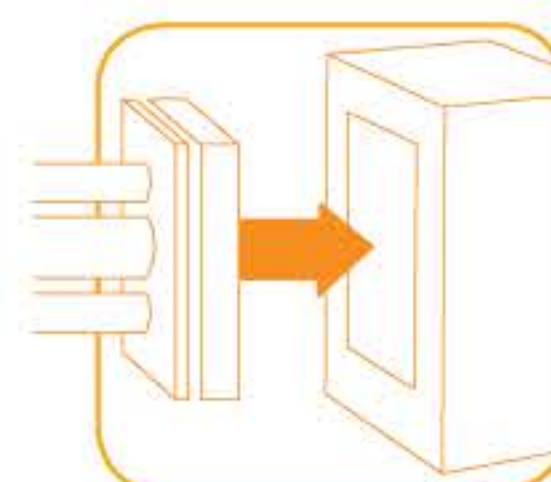
3 ways to apply labels



BLOW: Blow application is ideal where non-contact labelling is preferred, for instance on groceries. MECTEC blow units are often seen in bakeries and other food industries.

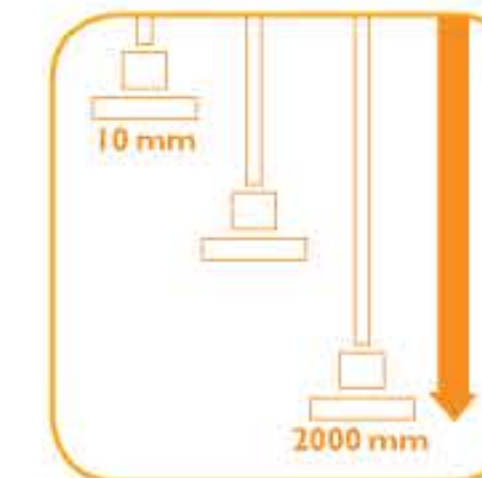


WIPE: A Wipe applicator is ideal for applying long labels, around corners or on round containers such as glass bottles and oil barrels.



TAMP: This is the most common applicator choice, as it works for a wide range of packaging and production line configurations.

These three techniques can be combined as needed to address your operation's specific needs.



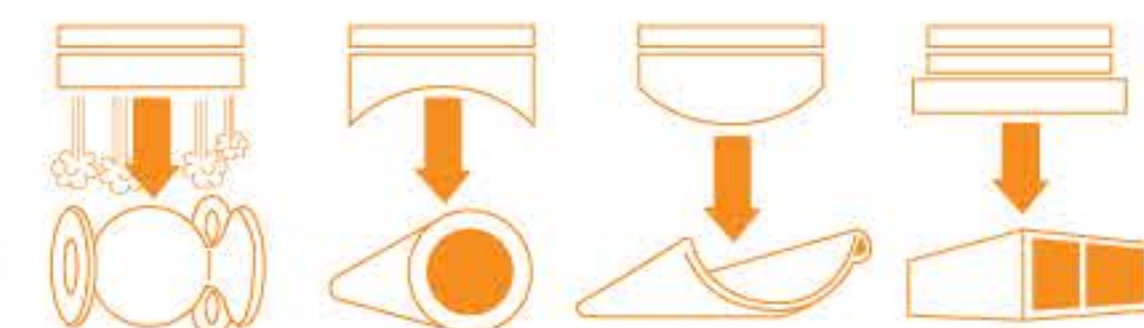
Distance to products

Naturally, the distance between the label being applied and the surface it is being applied to is

important. MECTEC applicators can apply labels on products from 10 mm to 2000 mm away from the printer.

Shape of packaging

For up to 80% of customers, the standard applicator techniques will be exactly right. But for some trickier shapes or special needs, we recommend looking at more purpose-adapted solutions.



- * For fragile or odd-shaped packaging, BLOW is often best
- * For convex objects such as tubes or paper rolls, a concave press-on pad with built-in air blow works well
- * For concave objects, the reverse is best – a convex pad with built-in air blow
- * For uneven surfaces such as wood or pallets, a press-on pad with rubber coating gets the job done

If you'd like tips, advice or more information on what type of applicator would work best for your line, please do not hesitate to contact your nearest MECTEC representative – they'll be happy to help.

We can...

Paper roll labelling



Every one of those huge rolls produced by the paper industry needs a label. MECTEC has great references within this application field. Thanks to many years of experience we have the knowledge how to meet the needs of paper industry in terms of solutions and support. MECTEC's A3 printers and applicators are the most comprehensive and compact solutions on the market.

Find out more about Paper roll labelling by scanning this QR code with your mobile phone.





Seamless control every step of the way

Your MECTEC Print and Apply solution comes complete with a highly versatile control unit, combined with any of our software packages.



Software

Choose from our range of standard software packages, based on your specific needs and preferences. All software is developed in-house, which allows further customization when needed. It also makes it easy for us to respond to any problems or your changing needs.

Whatever your choice, MECTEC programmes are designed for easy integration with your business management software – offering seamless connectivity and control between systems.

Label design software

– more options, better control

- * Edit multiple labels at the same time
- * Confirm the barcode in its real size
- * Copy from Windows programmes and paste directly into the software as text or image
- * Change label picture sizes quickly and easily
- * Available in multiple languages

Controllers

MECTEC offers two powerful, easy-to-use electronic control units for your Print and Apply solution. Intuitive and feature-rich, MECTEC controllers offer you plenty of options for setting up your Print & Apply system quickly and easily.

- * Stand-alone device – installed for optimal access for the operator regardless of the printer placement
- * Customizable – can be adapted quickly and easily
- * Plenty of user controlled inputs and outputs for integration to your production line
- * Huge font variability
- * Extensive language support



Accessories

MECTEC offers a wide range of support products to help customise your Print and Apply solution to your exact needs.

Stands and cabinets

A variety of stands and cabinets are available for mounting or housing your Print and Apply system. They can all integrate easily into your production line.

Touch screen

User-friendly display for quick and graphical system access.

Machine stop

Machine stop ensures quick and controlled shut-down of all moving parts.

Handheld terminal

The compact terminal offers flexible and instant access to the control unit. Its rugged design protects in most environments.

Check scanner

Barcode scanner integrated in applicator can be used for verification of barcode readability and for data collection for reports back to ERP system.

Alarm beacon

An instant indicator of the system status, making it easier for the operator to respond quickly.

We can...

High-speed labelling

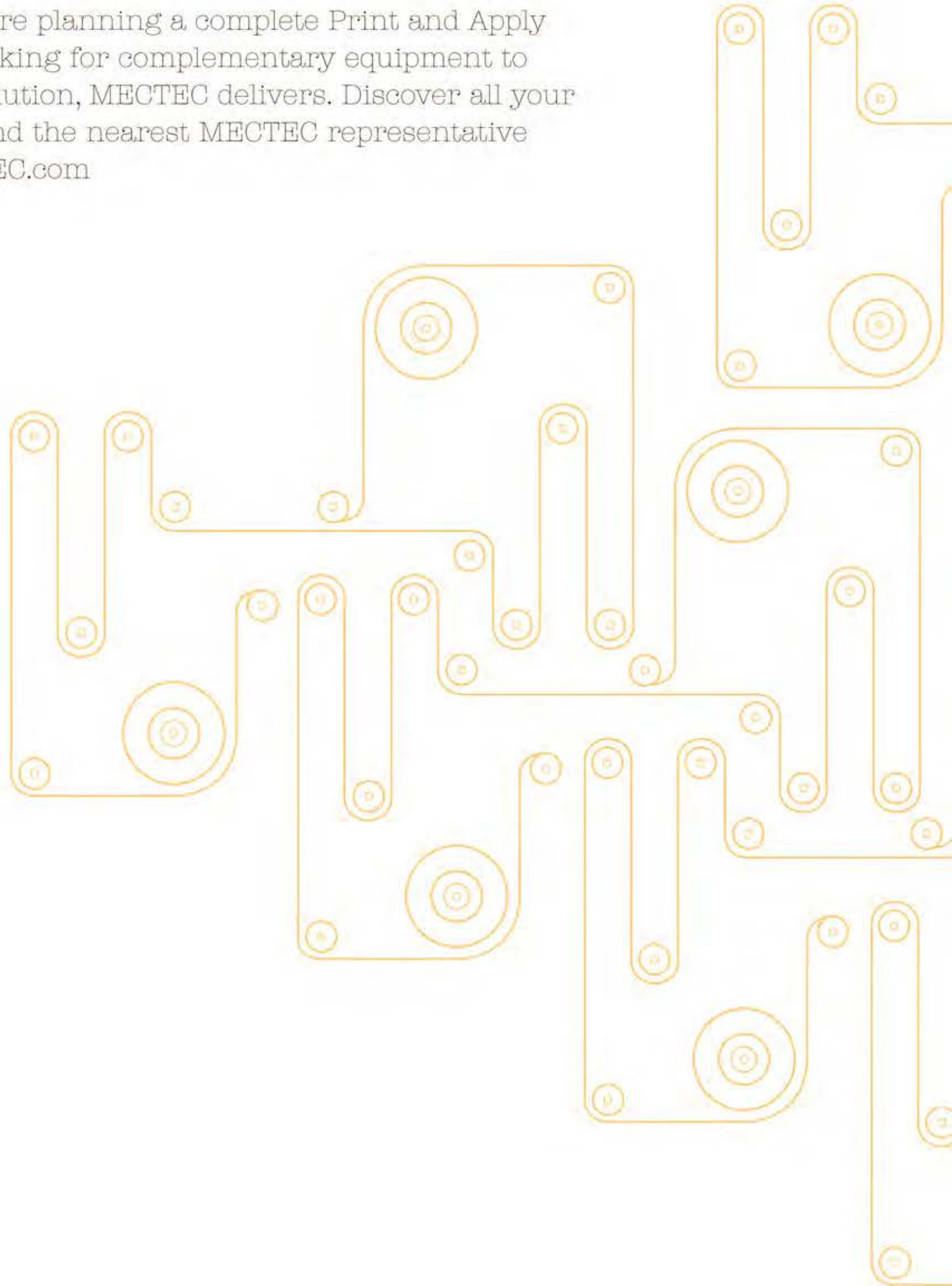


Do you want to go faster? More and more companies simply have to when it comes to print and apply – the food industry, for example, needs to apply accurate labels quickly. MECTEC has the experience and equipment to meet even the most daunting high speed challenge.

Find out more about High-speed labelling
by scanning this QR code with your
mobile phone.



Whether you are planning a complete Print and Apply solution or looking for complementary equipment to an existing solution, MECTEC delivers. Discover all your options and find the nearest MECTEC representative at www.MECTEC.com



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