



ADVANCED TOOLING SYSTEMS UK

Robotic Packaging Solutions



 **4.0**
INDUSTRY
Change is now

INTELLIGENT AND FLEXIBLE ROBOT PALLETISING MACHINE:

- Equipped with all-in-one gripping tool
- Up to 16 boxes per minute (double gripping)
- Ideal for all industries
- Flexible so can handle frequent product changeovers
- Small footprint (dimensions WxDxH
-2400x2300x2450mm)
- Easily transported from location to location by forklift
(total weight approx. 1100kg)

Designed for factories, enabling them to boost productivity at the right price point. Executed by an experienced team, matched with industry leading technology.

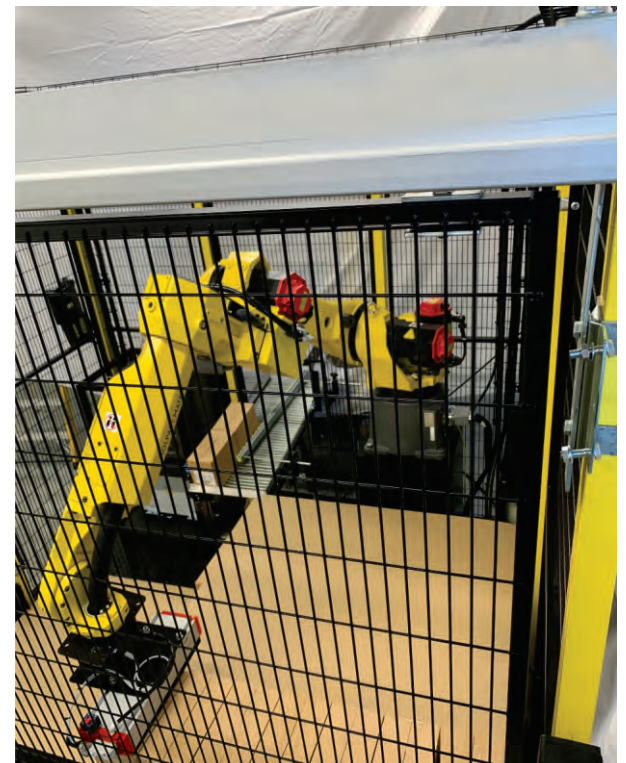
Advantages

- FANUC Industrial Robot
- No format parts
- Fast changeovers in less than 2 minutes
- Standardised tools
- Low maintenance costs, "off the shelf" wearable parts.
- Continuous efficiency
- Fast payback
- 12 - 24 Month Limited Warranty
(up to 5 years with maintenance contract)
- Industry 4.0 ready
- Remote support available

KEY COMPONENT SUPPLIERS



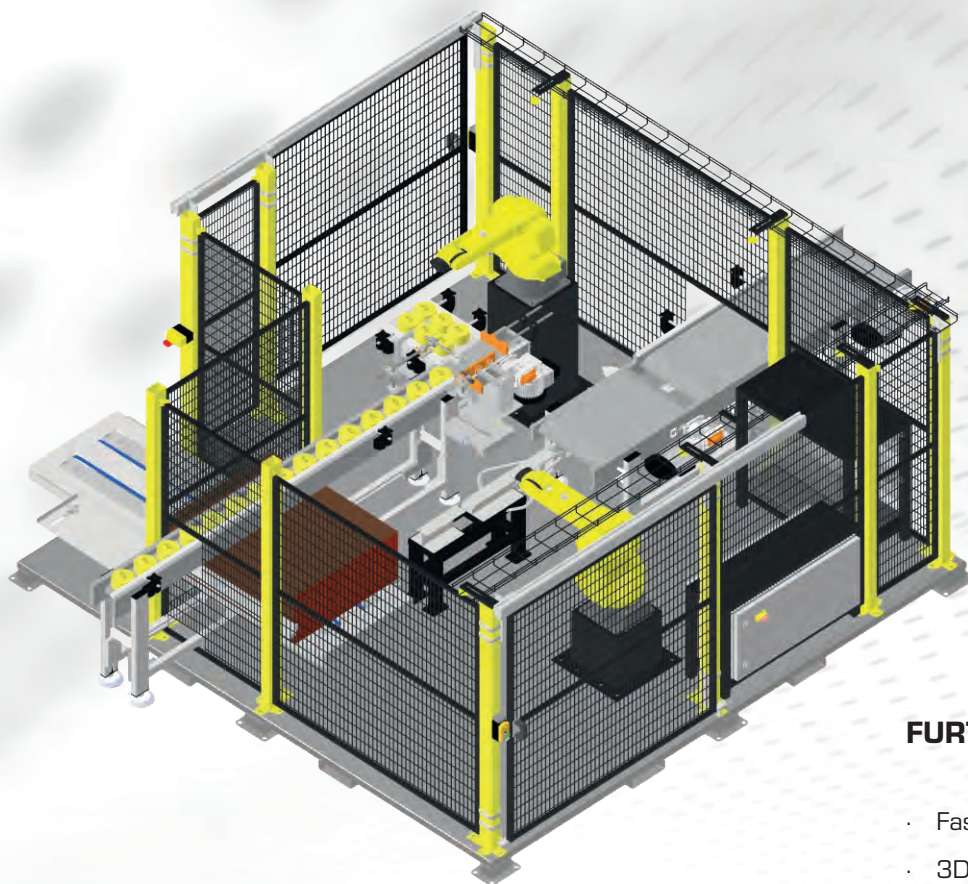
Robotic Palletising



Robotic Packing

Intelligent and Flexible dual robot case erector and case packer machine designed for all types of industries where a solution for customised packing is needed – with flexibility of frequent product type changeovers.

The system is suitable for bottles, tubs, jars, pouches, tubes and other packaging formats.



FURTHER ADVANTAGES:

- Fast changeovers in less than 2 minutes
- 3D printed format components
- Low maintenance costs
- Continuous efficiency
- 12 Months Limited Warranty
- Industry 4.0 ready

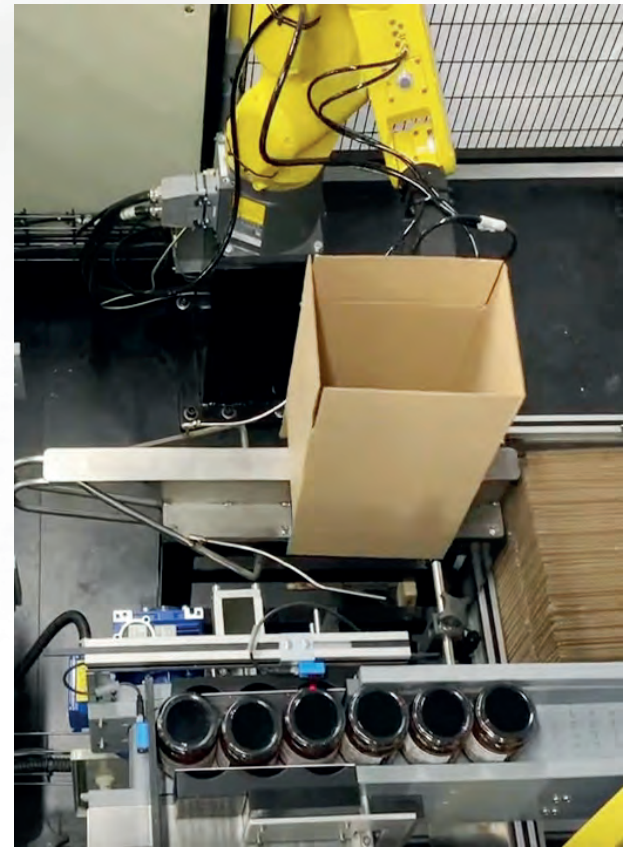
MAIN TECHNICAL CHARACTERISTICS

- Case Erecting and Case Packing is performed by a FANUC industrial robot
- Case Erector equipped with a single All-in-One Tool for Standard American Boxes and Crash-Lock boxes
- Up to 13 boxes per minute
- Small footprint (dimensions WxDxH - 2300x2400x2500mm)
- Mounted on a chassis which is easily moveable by forklift – Plug and Play setup



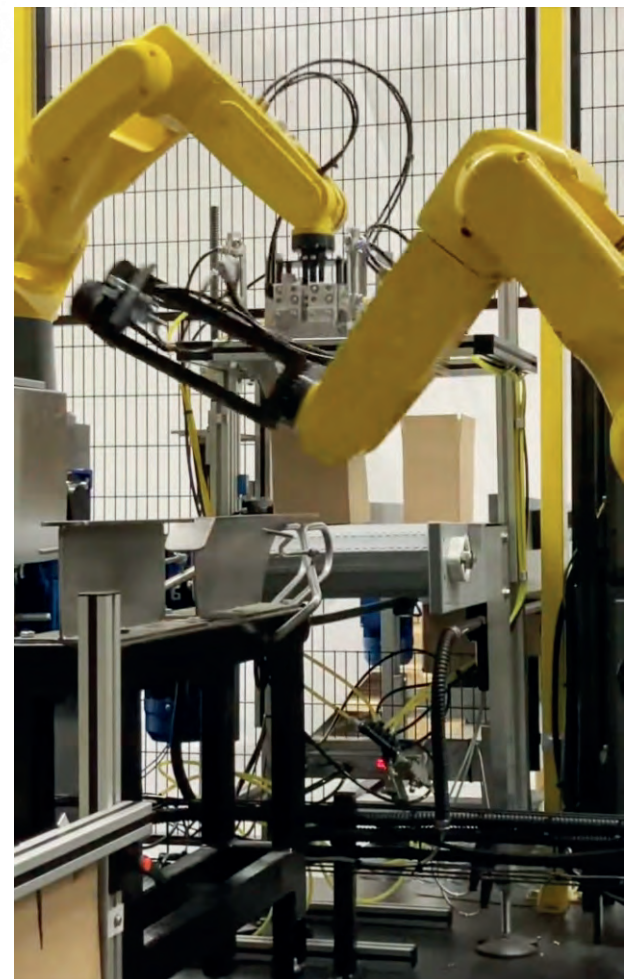
STANDARD EQUIPMENT:

- 2x Industrial Robots FANUC LR MATE 200iD
- 2x FANUC Controllers R-30iB PLUS MATE CABINET
with Dual Check Safety (DCS) Position / Speed Check Function
- 1x All-in-One Case Erecting Tool
- 1x Packer Gripping Tool
- 1x Infeed Conveyor
- 1x Outfeed Conveyor
- Guarding Package - designed and manufactured in accordance
with the latest safety standards
- 1x SICK Safety Package Safeguarding Equipment
- SICK Sensor Equipment Package
- Standard 1 Year Limited Warranty
- Base Colour - Yellow & Black
- One Case Erecting and Packing pattern included based on
customer product



Additional Options:

- 1.0 2 Year Limited Warranty
- 2.0 FANUC Robot & Controller 5 Year Limited Warranty
With FANUC Full Maintenance Contract
- 3.0 Remote Maintenance (with camera system)
- 4.0 Additional Packer Gripping tool
- 5.0 2 days training at SOLENT AUTOMATION
- 5.1 Installation and Training at your UK facility
(travel and accommodation excluded)
- 6.0 Additional product installed
- 7.0 Essential Spare Parts Package
- 8.0 Hot Melt Adhesive Dispensing System (top and bottom)



Collaborative and Flexible robot palletising system, designed for all types of industries where a solution for customised palletising is needed with flexibility of frequent product type changeovers. Single or double pallet station for even more flexibility where space is limited and can be moved from line to line by hand pallet truck.

Main technical characteristics

- Palletising is performed with a FANUC cobot
- Equipped with an All-in-One Gripping Tool – boxes and card board layer picked with the same tool
- Up to 3 cycles per minute or up to 9 cycles per minute with CHRONO Speed Safety Package.

Further advantages:

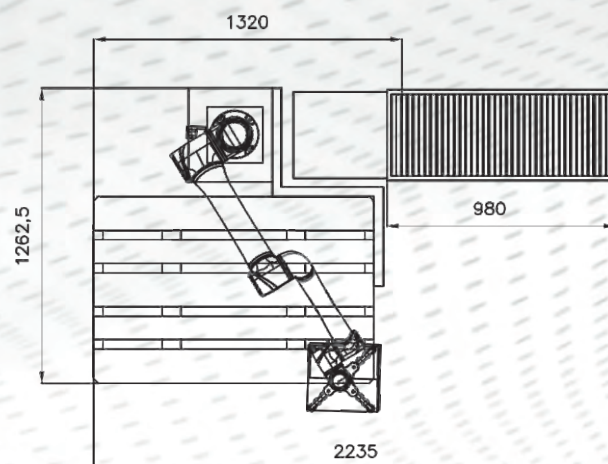
- Fast changeovers in less than 2 minutes
- Small footprint (dimensions WxD without infeed conveyor)
- Single Pallet Station: 1320mm x 1260mm
- Double Pallet Station: 1320mm x 2120mm
- Maximum palletising height: 1550mm
- No format parts
- Low maintenance costs
- Continuous efficiency
- 12 Months Limited Warranty
- Industry 4.0 ready

Standard Equipment:

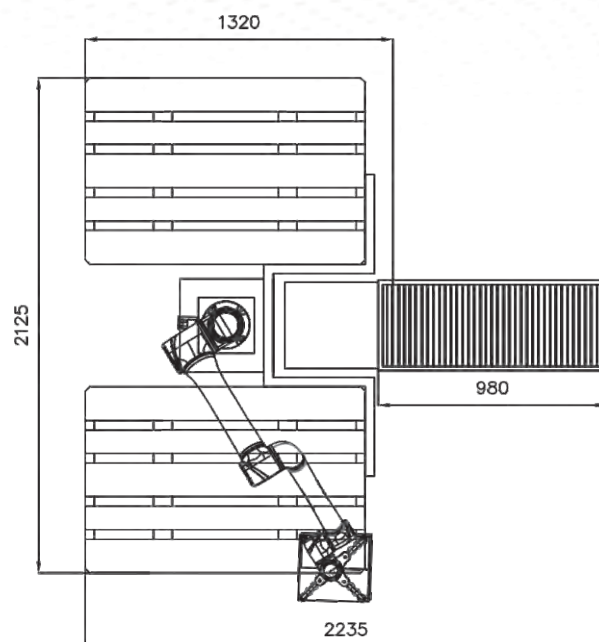
- 1 x Industrial Robot FANUC CRX10iA/L – up to 10kg product weight
- 1x FANUC CONTROLLER R-30iB PLUS Mini Plus CABINET with Dual Check Safety (DCS) Position / Speed Check Function
- 1 x All-in-One gripping tool with Vacuum Sensor
- 2 x Pallet Location stripes 1000 x 1200mm
- 1 x Cardboard Layer Location 1000 x 1200mm
- SICK Sensor Equipment Package
- Standard 1 Year Limited Warranty

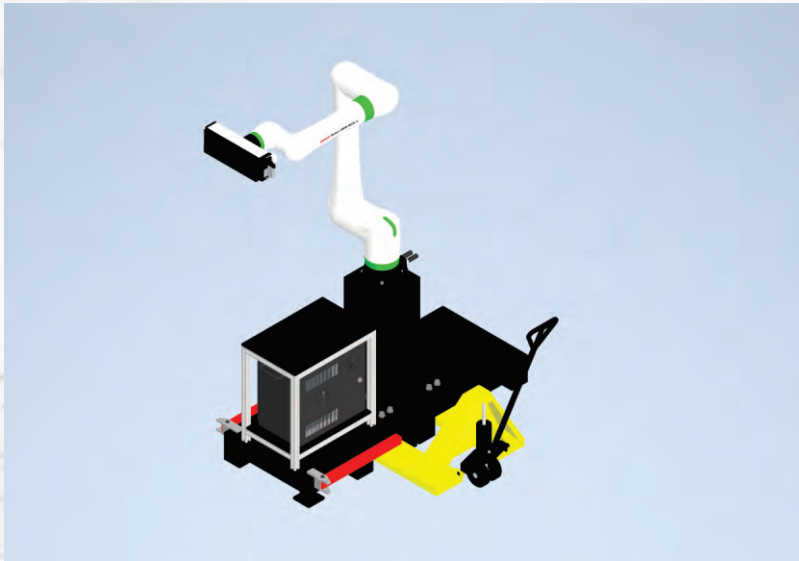
One pallet pattern Included based on customer product

Single pallet station



Double pallet station

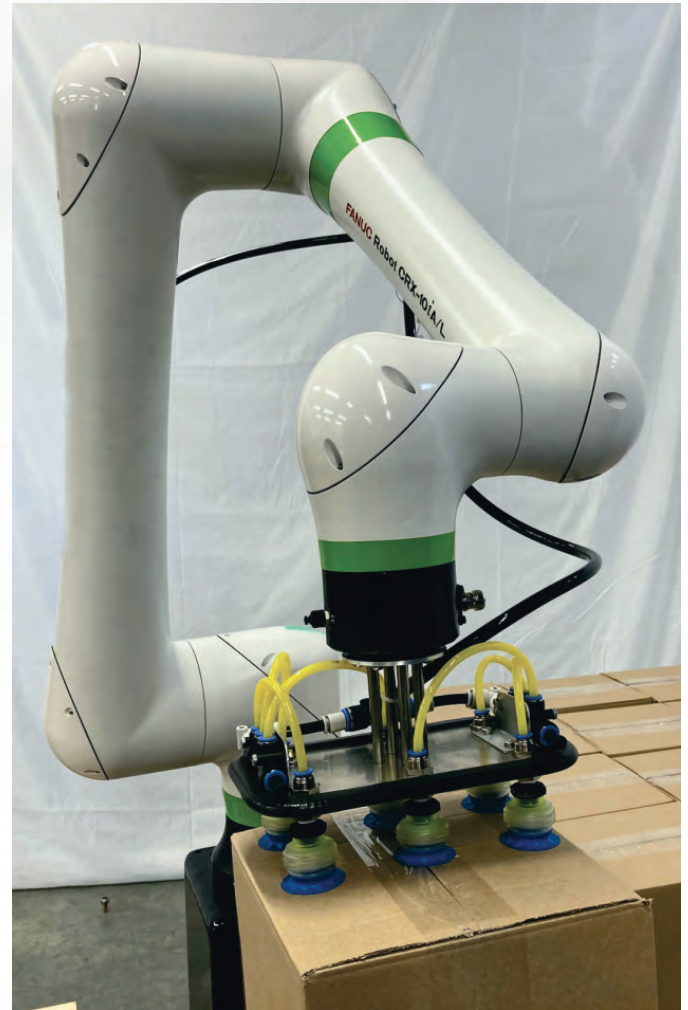




Hand pallet truck movable palletising cobot

Additional Options:

- 1.0
2 Year Limited Warranty
- 2.0
FANUC Robot & Controller 5 Year Limited Warranty
With FANUC Full Maintenance Contract
- 3.0
Remote Maintenance (with camera system)
- 4.0
2 days training at SOLENT AUTOMATION
- 4.1 Installation and Training at your facility
(travel and accommodation excluded)
- 5.0
New pallet pattern program
- 6.0
Essential Spare Parts Package
- 7.0 Infeed Gravity Roller Conveyor – length 1000mm
- 8.0
CHRONO Speed Safety Package – allowing cobot to operate
at maximum speed with floor scanning sensor





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