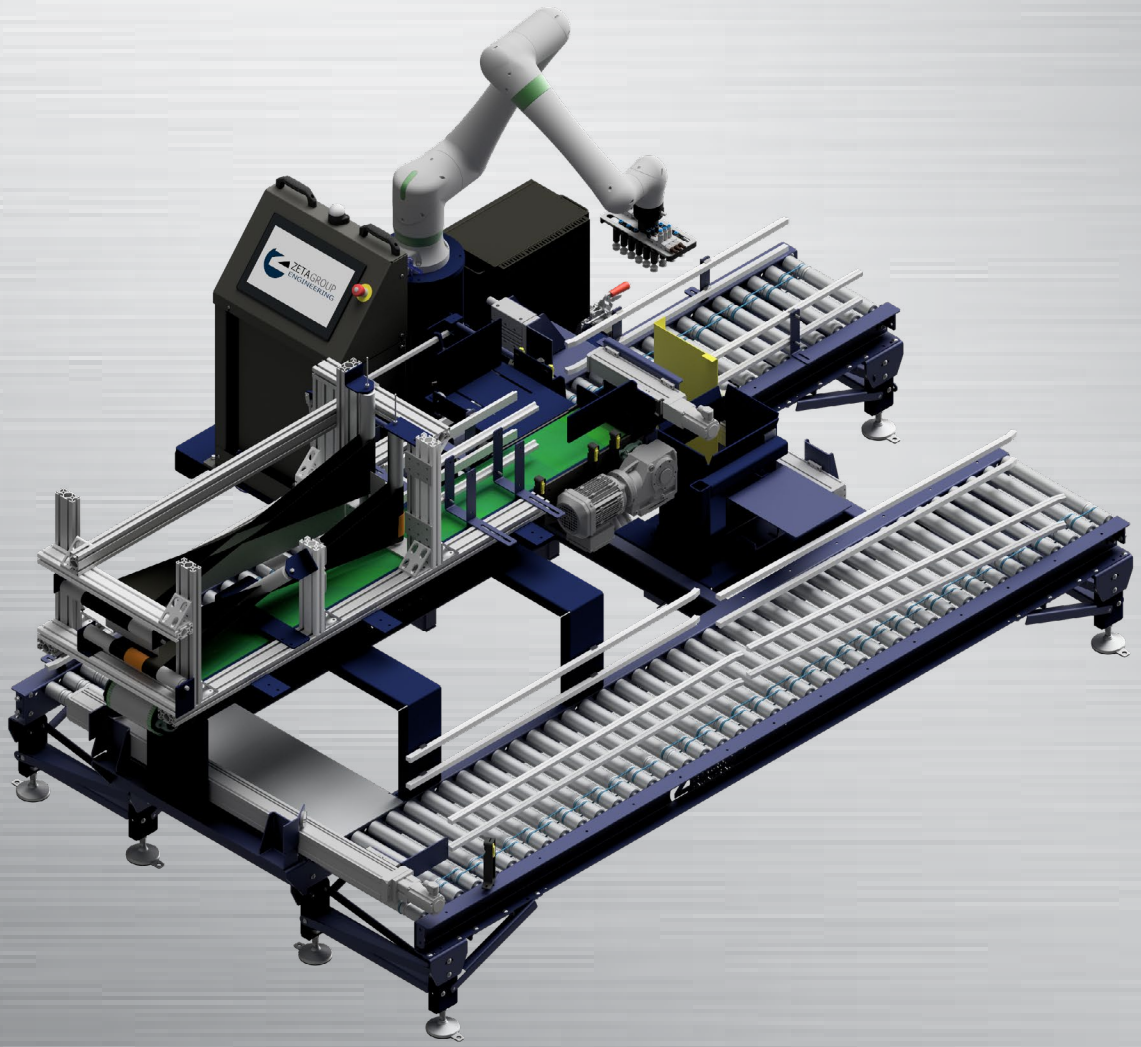
ZETAGROUP ENGINEERING

HERMES AUTOMATION SERIES

Mobile Cobot Case Packer



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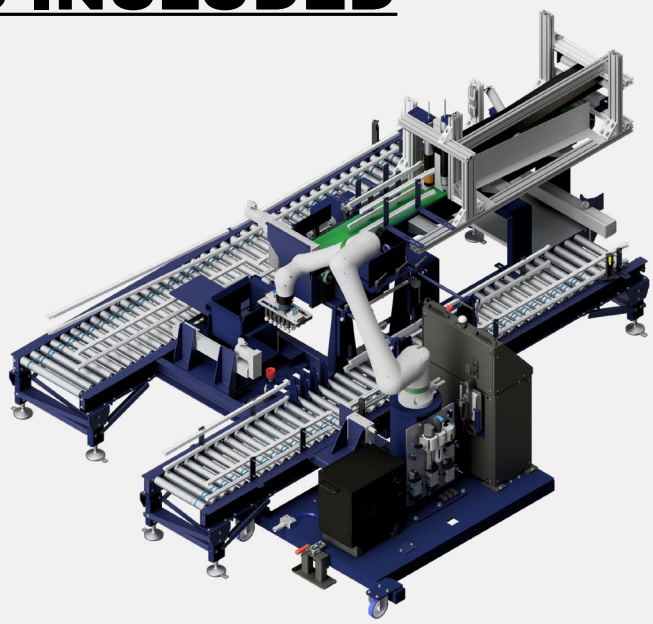
OVERVIEW

WHAT'S INCLUDED



ROBOT - CRX SERIES
- 8 years zero maintenance on robot
- FANUC Software

END OF ARM TOOLING
- Vacuum Gripper

CONTROLS
- Allen Bradley PLC
- Indicator light (red and green) for go and no-go

SKUs
- Five configurations loaded and tested

FESTO FILTER REGULATOR
- Pressure switch
- Lockable dump valve
- Quick disconnect

BASE & DOCKING STATION
- Stainless steel castors
- Accurate repeatability

CASE MANAGEMENT
- Case Stop
- Guide Rails
- Case Escapements

ERGONOMIC HMI
- 15.6" capacitive touch screen
- Remote access - as option
- Video and PDF documents embedded

MELTRIC SAFETY PLUG
- Safety rated switch plug
- Lockable disconnect
- Quick disconnect

CONVEYOR
- Product Conveyor
- MDR Case Conveyor

ASSEMBLY
- Cart ships fully assembled
- Complete FAT testing completed on Zeta's floor

STANDARDS

HERMES CASE PACKING SPECS	
Max Payload	Up to 55lbs
Power Source Req.	120V Single Phase 60Hz / 460V Three Phase 60Hz
Air Pressure Req.	60-80 PSI

FEATURES

MOBILITY

- No fork truck or lift truck needed to move unit.
- Shut down, disconnect, move, reconnect, and start-up in under 5 minutes.
- Docking stations achieve repeatable accuracy.

COMPACT

- Due to the nature of collaborative robots, no bulky fencing or safety scanners are needed.
- Takes up a fraction of the space as industrial robots.

EASY INSTALL

- Ships fully assembled and factory tested.
- Install, start-up, and training in under one day.
- Training and how-to videos are conveniently housed on the HMI, ensuring easy access while operating the system.

PRODUCTION

- Light indicator button quickly and easily shows operator if system is up and running, even from far distances.

SAFETY

- The CRX features sensitive contact stop and is backed by FANUC's reliable and rigorous testing.
- Meltric plug allows for safe disconnect.
- E-stop button.
- Point guarding.

WHY ZETA

ZETA ENHANCED USER EXPERIENCE FEATURES

At Zeta Group Engineering, we take the time to think through each of our solutions to ensure that we are providing an Enhanced User Experience to all of our customers.

KEY PARTNERS

We partner with industry leaders to be able to provide the best solutions possible.

ZETA SUPPORT

We aim to ensure the install of your Hermes mobile cobot solution is successful. We are with you each step of the install process including our internal FAT testing, providing on site training for your workers, and service after install.

MOBILITY

No fork truck or lift truck is needed for Hermes. Shut down, disconnect, move, reconnect, and start back up in under 5 minutes.

INCLUDED FEATURES

Zeta has one of the most robust packages for a mobile robot solution.

Access to training videos regarding system operation, safety information, and maintenence/ inspection is included with the system.

OPTIONS

ADDITIONAL OPTIONS FOR HERMES CASE PACKER

GENERAL

- Stainless Steel
- Control Enclosures
- Case erector using tape or glue
- Case sealer using tape or glue
- Food Grade Robot
- Additional indicator lights as needed
- Additional SKUs developed by Zeta
- UL Labeled Panels
- Risk Assessment
- Higher level network communication
- Quick disconnect for ethernet communication

PRODUCT MANIPULATION

- Rotator (Flat to Standing)
- Array Build - Designed as Needed
- Article Bucket - Side Loading

CASE MANIPULATION

- Flap Funnel Guide
- Rotator - Side Loading

QUOTE REQUIREMENTS

HERMES - MOBILE COBOT CASE PACKING

CASE INFORMATION

Case Dimensions (*LxWxH*) _____

Case Weight _____

Cases Per Minute _____

Seal type ☐**Tape** ☐**Glue** ☐**Strapped** ☐**None**

Case type ☐**RSC** ☐**HSC** ☐**Open Tray** ☐**Other**

PRODUCT INFORMATION

Product Dimensions (*LxWxH*) _____

Product Weight _____

Product Material _____

Orientation (Please include drawings)

- Product in case
- Product on conveyor

PLANT ENVIRONMENT

☐**Clean & Dry** ☐**Dusty & Harsh** ☐**Hot & Humid**

☐**Freezer** ☐**Wash-down**

OTHER INFORMATION

Box errector needed? **YES** ☐ **NO** ☐

Case sealer needed? **YES** ☐ **NO** ☐

REQUIRED CUSTOMER INFO

CONTACT INFO

NAME _____

PHONE _____

EMAIL _____

FACILITY LOCATION

Address _____

_____

PROJECT NAME

What is the project being called by customer?

_____

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NOTES

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