

RPE8000
Industrial Grade
(white)



RPE8000
with LR Mate
200iD/7L Robot
added. Industrial
Grade (white)



DESIGNED FOR FANUC SYSTEM INTEGRATORS

The RPE8000 is your essential building block to create a standalone robotic printer applicator cell by adding a FANUC robot, such as the LR Mate 200iD/7L. Created using Vanomation's XYZ patent, the RPE8000 eliminates the requirement for a separate controller network by embedding the spatial coordinates for the label directly into the label data print stream. This guarantees that each label will be placed on the right product in the right location.

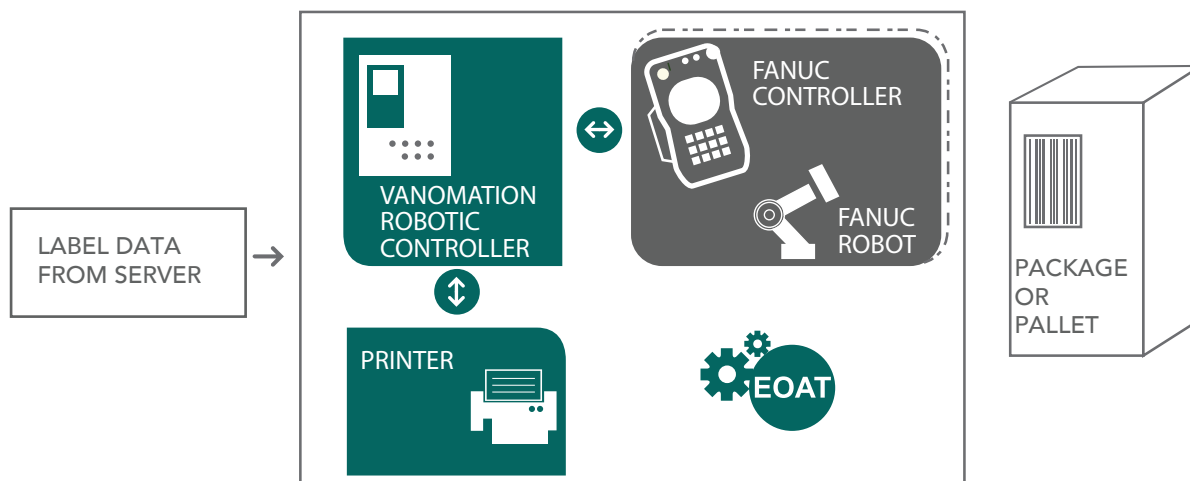
THE VANOMATION RPE8000 has four core components

- Vanomation Robotic Controller
- Vanomation Thermal Barcode Printer
- Vanomation EOAT
- Vanomation Steel Frame Cell

Add the FANUC LR Mate robot of your choice to create a complete Robotic Printer Applicator

OPTIONS AVAILABLE

- High throughput label printing
- Uninterruptible label printing
- Validating label application
- Barcode data verification
- Dynamic label placement



APPLICATIONS: Labelling on pallets and packages from 1.0"W x 0.5"L up to 8.5"W x 11.0"L

RPE8000 FEATURES

- Single operator control display panel
- Automatic and manual printing modes
- Automatic robot pause with E-stop and safety door
- Dual printer/label tray for easy operator/maintenance servicing
- Variable placement of label based on pallet/package size
- Accurate placement of label within 0.1" or 2.5mm

VANOMATION ROBOTIC CONTROLLER

HARDWARE SPECIFICATIONS:

- I/O interface PCBA
- 24 VDC power supply
- 110 VAC single phase power
- Dual printer/label tray for easy operator/maintenance servicing
- Status light tower (R/Y/G/B)
- Industrial power/IO distribution enclosure (24" W x 20" H x 8" D)

SOFTWARE SPECIFICATIONS:

- Dedicated I/O for printer status and command
- Patented XYZ spatial data for label placement
- Automatic or Manual mode
- Ethernet status messaging (optional HMI)

VANOMATION THERMAL BARCODE

- Thermal transfer and direct thermal printing
- Max Print Speed (4"/6"/8"): 14/12/10 IPS @ 203dpi
- Automatic robot pause with E-stop and safety door
- 1D & 2D barcodes
- IGP Languages: PGL/VGL/ZGL/TGL/IGL/ST-GL/DGL/IE GL/MGL
- Standard Interface I/O: Serial RS232, USB, and Ethernet (optional wireless)

VANOMATION EOAT PRINTER

- Standard hard-mount EOAT
- Optional one-touch tool changer
- Built-in Z compliance
- Pneumatic air and electric options

VANOMATION STEEL FRAME CELL

Welded steel frame

Painted

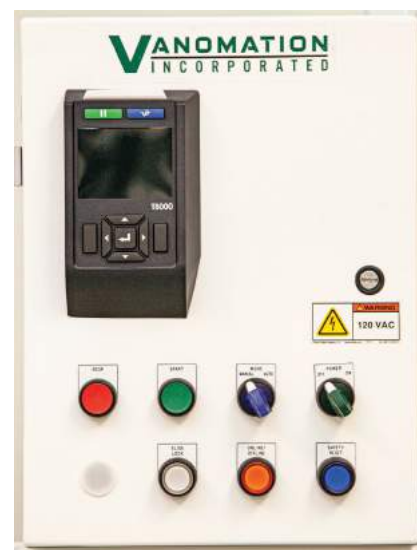
- Industrial grade (gray/white)

Dimensions

- Width: 1400mm
- Height: 2070mm
- Depth: 840mm

Weight

- 328Kg



RPE8000 OPTIONS

High Application Throughput (HAT) – Configures a second robot arm in the cell to increase the speed of package throughput

Uninterruptible Print Processing (UPP) – Configures a second printer in the cell to ensure that there is no downtime while labels are loaded or printheads are replaced

Validate Applied Label (VAL) – This hardware option ensures the label has been applied to the pallet or package

Barcode Data Verification (BDV) – Hardware/software ensures that the data can be read from the barcode label and this data is the same as the data sent to the printer

Dynamic Label Placement (DLP) – The vision/3D profiler is a hardware/software option that detects package size and orientation to determine where to correctly place the label