

END-OF-LINE  
ROBOTIC SOLUTIONS



The Schneider Robox Vi eliminates the need for automated product orientation prior to case packing. The unit incorporates Vi (Vision Intelligence) technology to orient random parts on a conveyor into a pattern that can then be directly packed into a case.

- **Fast, reliable, and highly flexible FANUC robot with integrated vision technology.**
- **Ideal for beverage, household, pharmaceutical and personal care products.**
- **Mobile “Plug & Play” design to adapt to changing layouts**
- **Runs cases, trays or display cases**
- **Orients and packs molded bottles, jars, caps, bags, pouches and much more!**

- **Economical**
- **Fast Changeover**
- **Efficient**
- **Reliable**
- **Portable**

## END OF LINE ROBOTIC SOLUTIONS

### Floor Plan Options

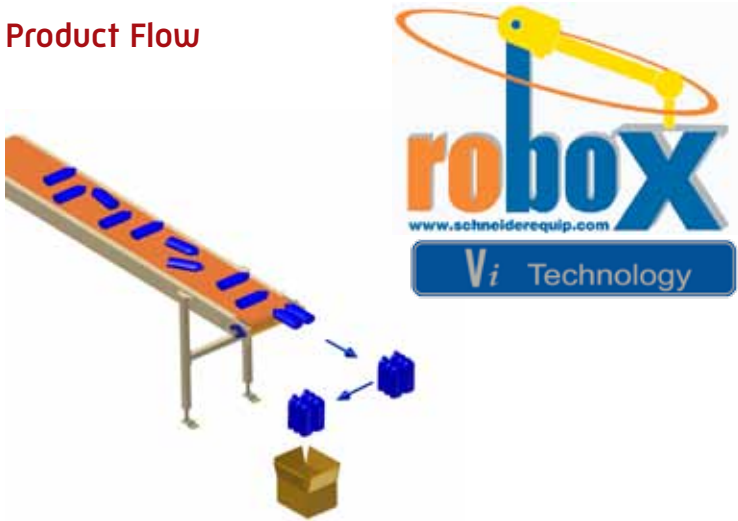
The illustration below right represents a typical floor plan. Schneider configures each vision system to meet your specific floor plan and product requirements.

### Basic Operation

Randomly oriented product is transported to the Robox by the infeed conveyor. A camera identifies the orientation of the product. Once sufficient product is available, the robot will pick product from the infeed and place it into the case in the appropriate pattern.

Once the case is filled, it discharges out of the cell. In the meantime, another empty case has been transferred onto the load station and the robot can continue to case pack. The process repeats.

### Product Flow



Schneider is an authorized integrator of:



### Specifications

**End of Arm Tooling (EOAT):**  
Vacuum or mechanical gripper  
(determined by product)

**Maximum rate:**  
60+ PPM - depending on product size and weight

**Construction:**  
Painted Carbon Steel

**Safety:**  
Meets ANSI/PMMA B155.1 safety standards

**Power:**  
480 VAC  
3 phase 50/60 hertz

**Visual Display:**  
One (1) Allen Bradley 600 Color Touchscreen

### Typical Floor Plan

