

Pharmaceuticals • Nutraceuticals

Cosmetics • Consumer Goods

Diagnostics • Medical Devices



Features

- FANUC Multi-axis Robot
- Stainless Steel Platform
- Custom End Effectors
- Fast Changeover
- Small Footprint
(Typ. 30" x 50")
- 220 Volts AC
(other options available)



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TaskMate®

Robotic Flexible Feeding System



Pick & Place, Orientation and Product Feeding

The ESS Technologies, Inc. TaskMate® Flexible Feeding System integrates a FANUC robot with Flexomation-brand feeders and parts handling equipment to create a very flexible product feeder. The specialized feeder incorporates FANUC iR vision systems to allow the robot to pick objects regardless of the object's orientation. Custom ESS-designed end-of-arm tooling (EOAT) handles virtually any product.

The TaskMate® Flexible Feeding System can be integrated with other packaging machinery for a wide variety of applications, including pick-and-place assembly processes, bottle and vial feeding, cap and dropper feeding, and sorting or kit-packing applications. The TaskMate® cell performs at very high rates of speed with virtually no change parts and very fast changeover times. A number of robot models can be specified, depending on the payload and speed requirements. ESS Technologies, Inc. is a FANUC Robotics strategic business partner in the secondary packaging and palletizing of pharmaceuticals and cosmetics and an authorized system integrator.



Flexomation Recirculating & Parts-Flipping Feeders

Technical Specifications

| TASKMATE ROBOTS | FANUC Model # | # of Axes | Payload (kg) | Reach (mm) |
|-----------------|---------------|-----------|--------------|------------|
| | LR Mate 200iD | 6 | 5 | 717 |
| | M-1iA | 4 or 6 | 0.5 | 280 |
| | M-2iA | 3 or 4 | 3 or 6 | 800 |
| | M-3iA | 4 or 6 | 6 | 1350 |
| | M-10iC | 6 | 10 | 1420 |
| | SR-3iA | 4 | 3 | 400 |
| | SR-6iA | 4 | 6 | 650 |

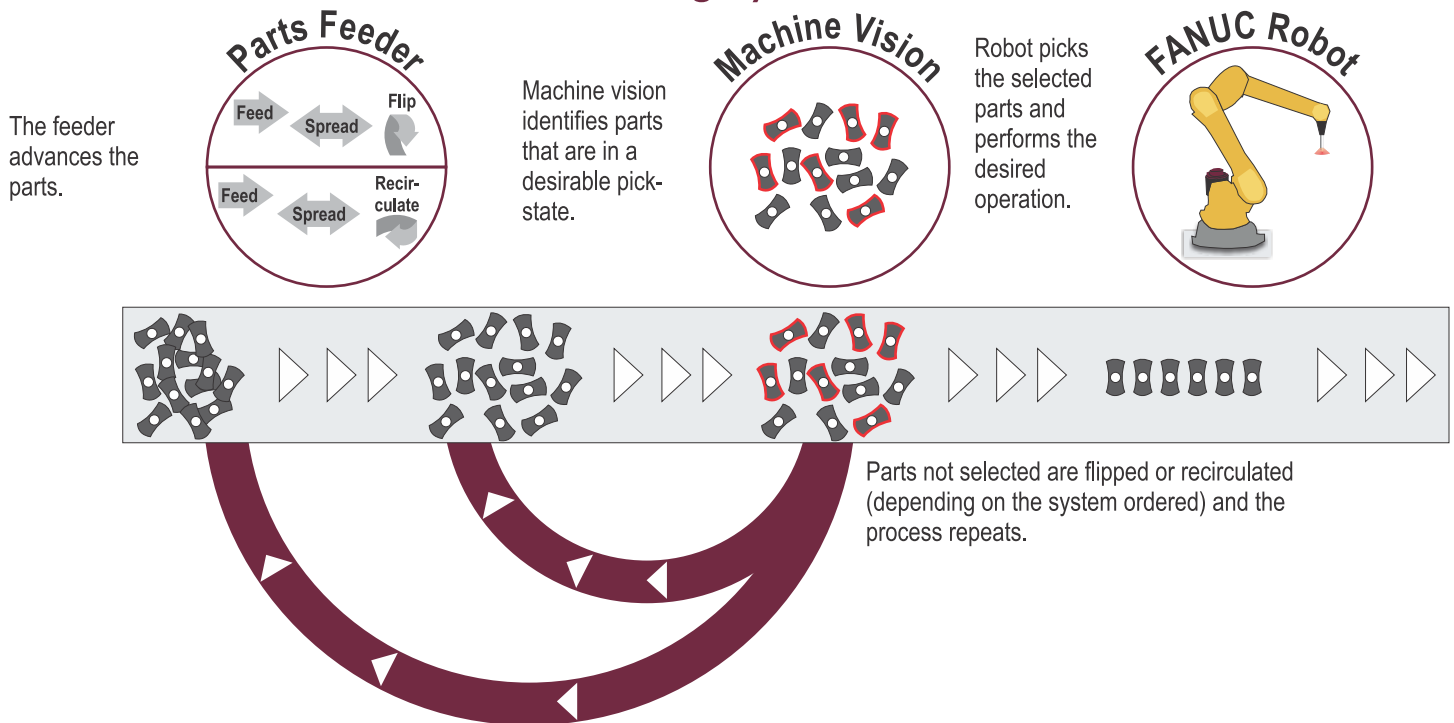
System Options

- Quick Change Tooling
- 120VAC Power Supply
- Casters
- Light Curtains

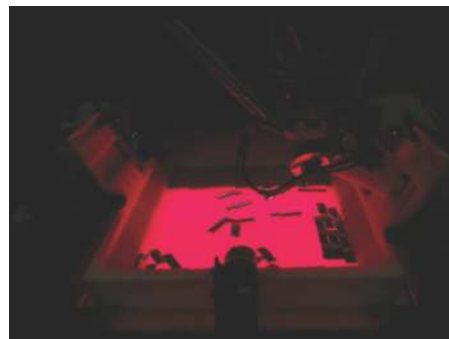
Robot Options

- Vision and Line Tracking
- Clean Class Robot
- Dual Check Safety Software
- FANUC Training for Robot and Teach Pendant

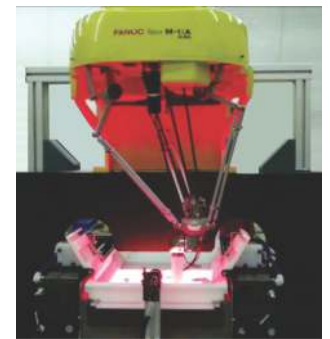
Flexible Feeding System Overview



Flex Feeder for Syringes with LR200iD Clean Class Robot



Backlit Vibratory Conveyor



Flex Feeder with M-1iA Robot

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