

Pharmaceuticals • Nutraceuticals

Cosmetics • Consumer Goods

Diagnostics • Medical Devices



Features

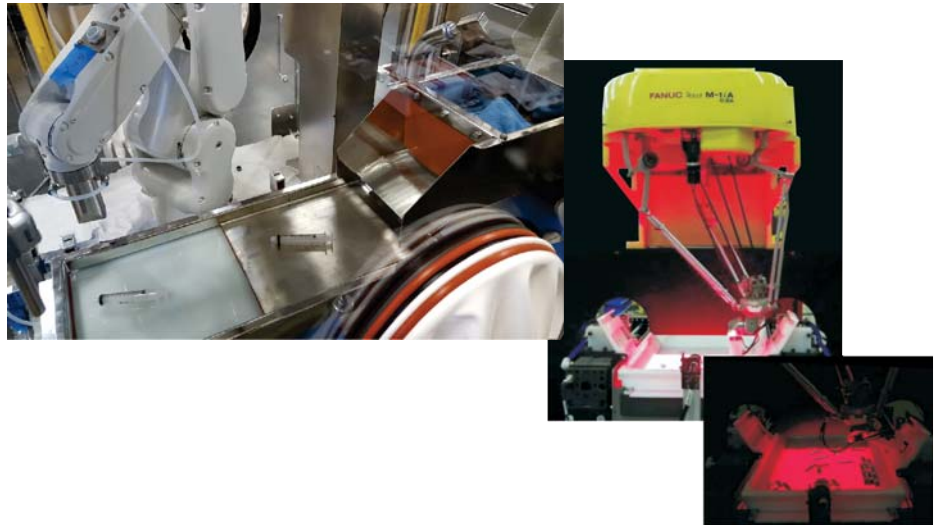
- FANUC Multi-axis Robot
- Stainless Steel Platform
- Custom End Effectors
- Fast Changeover
- Small Footprint
(Typ. 30" x 50")
- 220 Volts AC
(other options available)



ESS Technologies, Inc.
3160 State Street
Blacksburg, VA 24060
(540) 961-5716 • (540) 961-5721
info@esstechnologies.com
www.esstechnologies.com

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

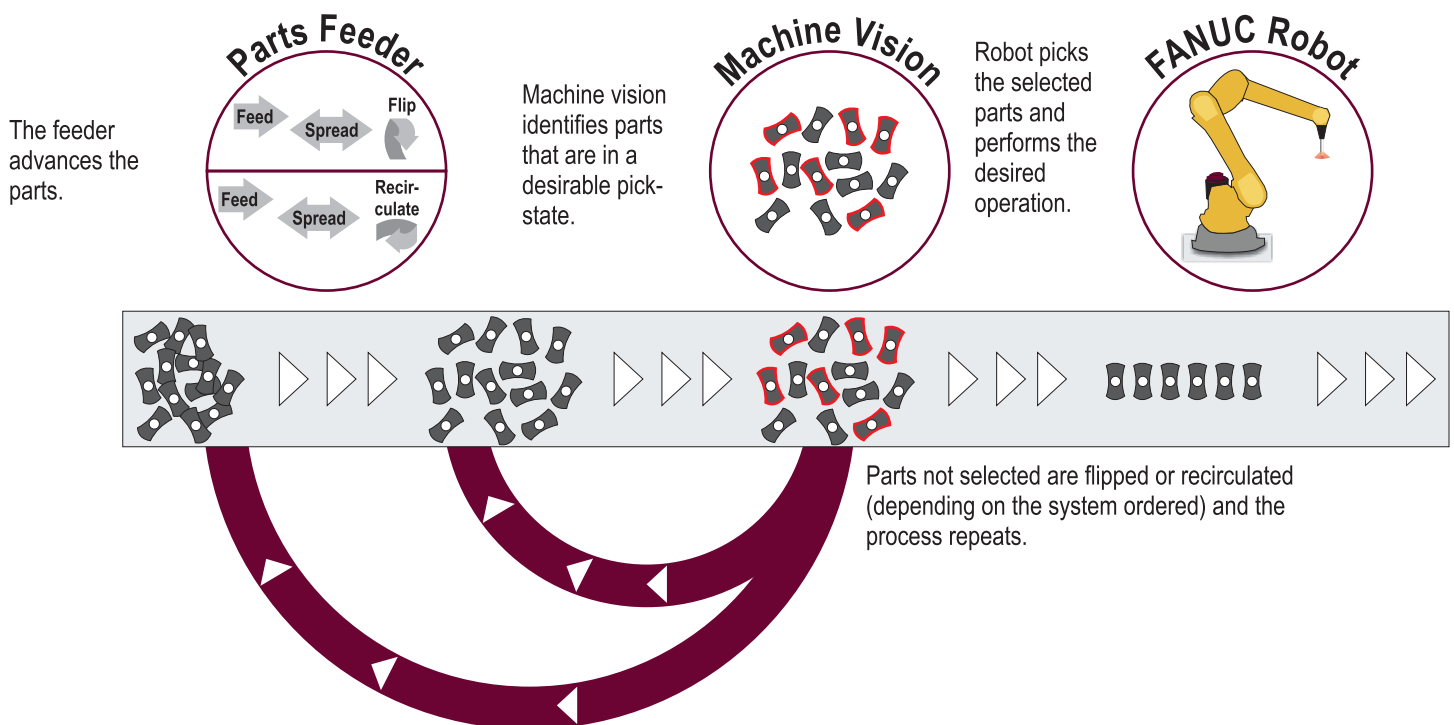
Technical Specifications

Robot Model	# of Axes	Payload (kg)	Reach (mm)
LR Mate 200iC	6	5	704
M-liA	4 or 6	0.5	280
M-3iA	4 or 6	6	1350
M-6iC	6	6	1373
M-10iC	6	10	1420
M-20iC	6	20	1811
M-430iC	5	2	900

Options

- Quick Change Tooling
- Clean Class Robot
- 120VAC Power Supply
- Casters
- Light Curtain

Flexible Feeding System Overview



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ESS
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