

SYTRAMA 91/101 SERIES MODULAR DESIGN FOR INCREASED FLEXIBILITY

With superior mechanical design features and advanced full end-user programmable controls, Sytrama robots are packed with all of the latest tools necessary to automate even their most difficult applications and the payload capacity to carry the load. The robot controls feature network capability using the readily available Windows XP remote desktop providing user's even greater access to their manufacturing processes. From simple pick and place to advanced insert load, in-mold decorating and secondary equipment control, this is one robot you can count on to bring value to any process.



Features

- Easy-to-use, programmable controls
- Modular design for increased versatility and flexibility
- Capabilities include customized end-of-arm tooling and downstream automation
- Full support includes start-up, training and 24-hour on-call service
- 3D Servo drive on main axes
- Simultaneous motion of servo functions
- Standard end-of-arm tool quick-change system
- Heavy-duty wrist flip
- Ample payload capacity for all applications
- Heavy-duty linear bearings on all axes
- High-strength, modular traverse beam construction
- 8 spare inputs and 8 spare outputs, plus additional spare predefined I/O
- SPI compatible interface with connector

Options

- Expandable I/O
- Additional vacuum and pressure circuits
- Wrist rotate (A-Axis), pneumatic
- Servo wrist flip and rotate (available on select models)
- Extended strokes (varies by model)
- Additional end of arm tooling quick change plate



SYTRAMA 201/301 SERIES

91/101 STANDARD OVERALL SPECIFICATIONS (MM)

Model	Press Range	Max Payloads	
		Optimum Speed	Maximum Lift
91-F3SV	50-200 tons	6.6 lbs	17.6 lbs
101-F3SV	150-300 tons	17.6 lbs	33.0 lbs
101-F3SVL	350-700 tons	26.4 lbs	33.0 lbs

Model	A	B	C	D	E	F	G	Strip X	Traverse Y	Vertical Z
91-F3SV	2350	1225	558	1610	-	9	100	450	1400	800
101-F3SV	2670	1252	445	1103	-	78	100	500	1800	1100
101-F3SVL	3350	1453	450	1283	-	28	150	700	2500	1400

Standard: 1 vacuum circuit, 1 pressure grip circuit, 8 spare inputs and outputs
 Power Required: 460/3/60 10A
 Air Required: Max 10CFM (80-90 PSI)

