

SYTRAMA 201/301 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
- Electrical vacuum pump (optional on 301, standard on 401 and 501)



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201/301 STANDARD OVERALL SPECIFICATIONS (MM)

Model	Press Range	Max Payloads	
		Optimum Speed	Maximum Lift
201-F3SV	500-800 tons	26.4 lbs	44.0 lbs
201-F3SL	800-1500 tons	26.4 lbs	44.0 lbs
201-F3SV-3T	500-800 tons	26.4 lbs	44.0 lbs
201-F3SL-3T	800-1500 tons	26.4 lbs	44.0 lbs
301-F3S	1500-2500 tons	66.0 lbs	88.0 lbs
301-F3SL	2500-3500 tons	66.0 lbs	88.0 lbs

Model	A	B	C	D	E	F	G	Strip X	Traverse Y	Vertical Z
201-F3SV	3640	1975	570	1583	-	70	150	900	2500	1800
201-F3SL	4120	2295	570	1703	-	70	150	1200	3000	2000
201-F3SV-3T	3640	2043	570	1270	-	11	150	900	2500	1740
201-F3SL-3T	4120	2343	570	1330	-	11	150	1200	3000	1920
301-F3S	4740	2725	600	2365	-	7	n/a	1500	3500	2400
301-F3SL	5240	3045	600	2545	-	7	n/a	1800	4000	2700

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)

