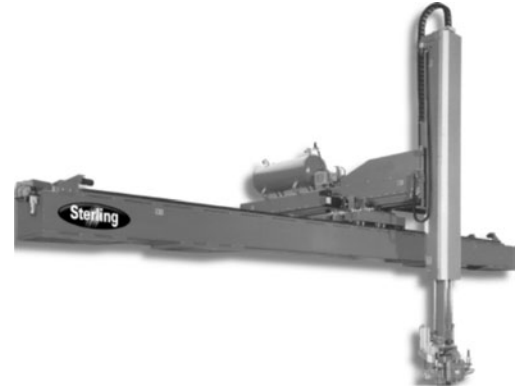


## SYTRAMA 401/501 SERIES MODULAR DESIGN FOR INCREASED FLEXIBILITY

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)



## SYTRAMA 401/501 SERIES

### 401/501 STANDARD OVERALL SPECIFICATIONS (MM)

Model	Press Range	Max Payloads	
		Optimum Speed	Maximum Lift
401-F3SL	3500-4500 tons	88.0 lbs	110.0 lbs
501-F3SL	4500-6000 tons	132.0 lbs	132.0 lbs

Model	A	B	C	D	E	F	Strip X	Traverse Y	Vertical Z
401-F3SL	6325	3535	900	2870	-	244	2000	4500	3000
501-F3SL	6800	4360	900	3250	-	107	2500	5000	3500

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)

**401/501**

