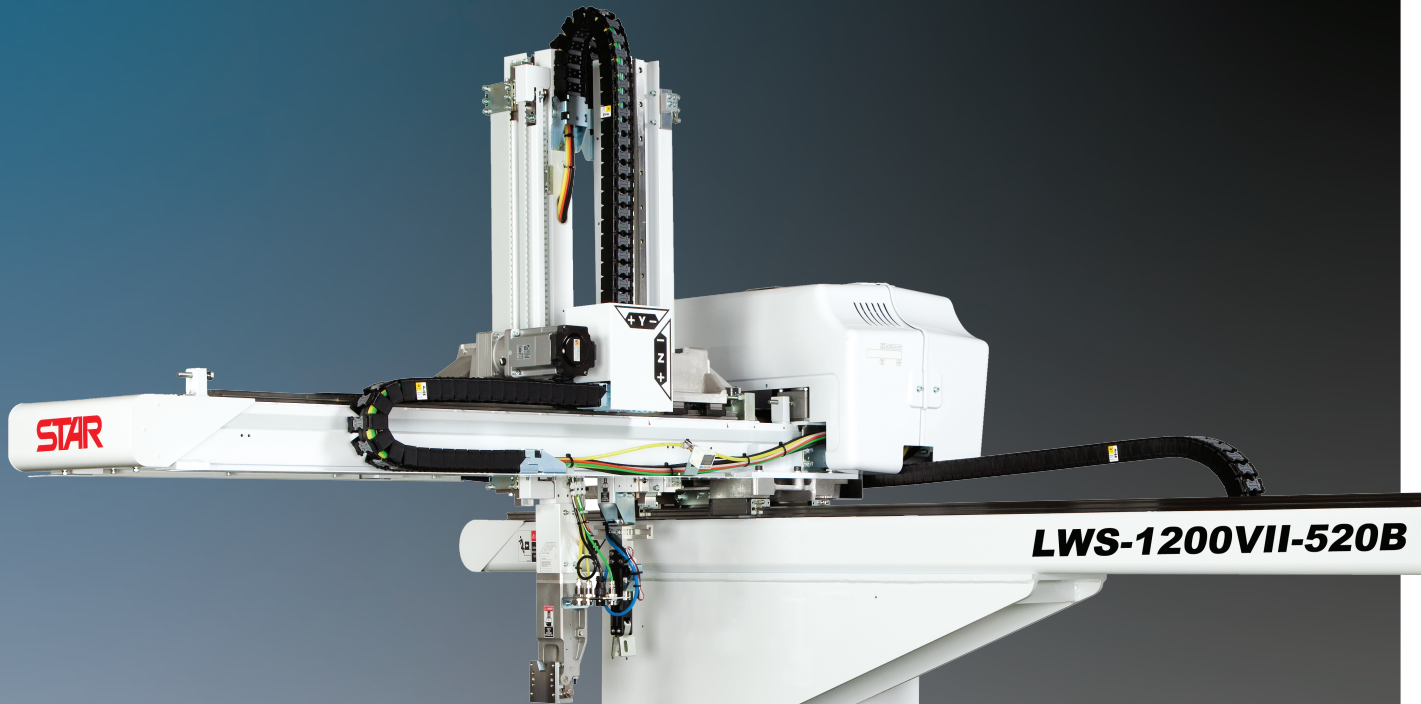




STAR AUTOMATION, INC



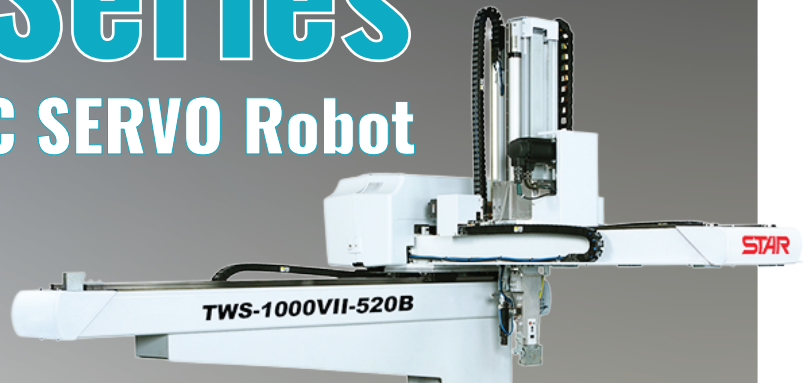
LWS-1200VII-520B

VII Series

Digital AC SERVO Robot



TS-400VII-520B



TWS-1000VII-520B

User Intuitive

Minimal Training Needed

Support 24/7 Worldwide



www.starautomation.com

The VII Series comes equipped with the **STEC-520B** controller.



- ✓ 7-inch LCD
- ✓ Menu always available on left side
- ✓ Auto/Manual select switch.



QR Code for more information or to diagnose an alarm.

Upgraded Controller Option **STEC-620B**



- 8.4-inch LCD
- Interactive Mode
- WiFi Module Standard (USA & Japan)
- NC User 3D Simulation

Raised Touch Panel

The protective cover of the touch panel has raised areas to help locate inputs.

Energy Saving

Servo Motor Sleep Mode
Synchronizes Motion & Molding Cycle
Energy Saving Motor

Specifications

- ✓ USB or LAN Connection
- ✓ Multiple Languages
- ✓ Straight Line Distance Displayed
- ✓ EJ Timer Auto-Adjustment
- ✓ Extract Cycle Adjustment
- ✓ Pendant Absorption Pressure Displayed
- ✓ 80 Standard Points per Axis
- ✓ 49 Standard Inputs (Factory)
- ✓ 18 Spare Customizable Inputs (Factory)
- ✓ Capable of Controlling up to 8 Servo Axis
- ✓ Up to 144 Expansion Inputs (Option)
- ✓ 100 Total Timers
- ✓ 30 Total Counters

- Capable of Controlling up to 11 Servo Axis
- Up to 80 Expansion Inputs (Option)
- 128 Total Timers
- 58 Total Counters

	IMM Range (ton)	Payload (kg)	Repeatability (mm)	Vertical (mm)	Crosswise (mm)	Traverse (mm)
MHY-1200VII	80 - 250	5	+/-0.1	1300	1000	1000
MHY-1500VII	80 - 350	5	+/-0.1	1500	1590	2500
MHY-1800VII	250-450	10	+/-0.1	1800	1590	3000
LW-1000VII	80 - 350	5	+/-0.1	1050	770	1800
LW-1200VII	80 - 450	5	+/-0.1	1250	770	2000
LW-1400VII	300 - 750	5	+/-0.1	1450	770	2200
LW-1600VII	500 -1000	15	+/-0.1	1700	1130	2500
TW-800VII	80-300	5	+/-0.1	850	770	1600
TW-1000VII	250-450	15	+/-0.1	1100	1130	1800
TW-1200VII	350-600	15	+/-0.1	1300	1130	2000
TW-1400VII	450-750	15	+/-0.1	1500	1130	2200
TW-1500VII	650-1350	35	+/-0.1	1500	1590	2500
TW-1500VII-e	650-1350	25	+/-0.1	1500	1415	2500
TW-1800VII	900-2500	35	+/-0.1	1800	1590	3000
TW-1800VII-e	650-1350	25	+/-0.1	1800	1415	3000
T-400VII	20-40	2	+/-0.1	400	340	1000
T-600VII	40-100	2	+/-0.1	650	420	1200

Standard Features

Vacuum Generator with Part Present Sensor
 Part Grip Circuit
 Sprue Grip Circuit
 USB Port
 Ethernet Port
 Sample and Chuck Change Positons
 Product Packaging (256 each axis)
 CNC Step Programming
 Micro SD
 CPC® and AMP® Connections at the Head
 Active Vibration Control
 IMM Mounting Weldment
 Multi- Level Password Protection
 Position, Speed and Timer Adjust in Auto
 Alarm History
 Grease Pocket LM Bearings

Optional Features

Additional Vacuum Generator with Part Present Sensor
 Additional Part Grip
 Nipper on Chuck
 Rotation 90°, 180° 2-Position, 180° 3-Position
 Shuttle on Tool
 Mold Spray
 Air Blow
 1-3 Color Alarm Light
 Special Paint
 Free Packaging
 Central Lube
 Quick Chuck Change
 Servo Posture Wrist
 Servo Posture Rotate

