

## ST SERIES

TRAVERSING AXIS  
CONTROLLED BY  
SERVO DRIVEN



## OVERVIEW

### SWING ARM ROBOT

- User-friendly all-in-one design
- High Quality low maintenance
- Safe and easy to install and operate
- Rapid cycle time, Rapid payback

## FEATURES

- 1) Wrist rotation mechanism is standard
- 2) Modular constructed with rigid structure, virtually maintenance and trouble-free
- 3) Individual movement and speed adjustment
- 4) Separated control unit to avoid hustle environment
- 5) Standard SPI or EUROMAP interface
- 6) Ten standard sequences and ten fully teachable movement sequences
- 7) Robot status and error message display on pendant
- 8) Incorrect or unsafe motion cannot be accept by the program also show warning message on the display
- 9) Safe and foolproof design
- 10) Swing angle: 450~900 adjustable; rotation angle: 800~1000 adjustable
- 11) Quick started with emergency stop
- 12) Quality inspection program
- 13) Incomplete injection detection
- 14) Injection cycle counter setting
- 15) Spray counter setting
- 16) Alarm frequency and timer setting
- 17) Test mold counter setting
- 18) Two spare out, one spare input
- 19) Sandwich plate movement detector
- 20) Rejected parts detection
- 21) Quality inspection counter setting

- 22) Motion and timer delay setting
- 23) Reject parts counter setting
- 24) Re-definable home position
- 25) Standard SPI and EUROMAP interface plug (optional)
- 26) End of the arm tooling accessories (optional)

## SPECIFICATION

Model No.		Dry Cycle(Sec.)		I.M.M. (Tons)	Verical Stroke(mm)	Net Weight (Kgs)	Comp. Air Consumption (NL/Cycle)
		Take-Out	Cycle				
ST450	Single-Stage	0.7	3.4	25~125	450	39	12
STV450	Single-Stage					40	17
ST550	Single-Stage	0.7	3.7			40	14
ST550D	Telescopic	0.5	3.5	60~150	550	49	9.5
STV550	Single-Stage	0.7	3.7			41	19
STV550D	Telescopic	0.5	3.5			51	14.5
ST650	Single-Stage	1.2	4.2	125~250	650	44	16.5
ST650D	Telescopic	0.6	3.6			53	10.5
STV650	Single-Stage	1.2	4.2			45	21.5
STV650D	Telescopic	0.6	3.6	54	15.5		
ST750D	Telescopic	0.8	3.8	200~350	750	55	11.5
STV750D	Telescopic					56	16.5
ST850D	Telescopic					57	12.5
STV850D	Telescopic	1.0	4.0	300~450	850	58	17.5
ST950D	Telescopic	1.2	4.2	400~700	950	59	13.5
STV950D	Telescopic					60	18.5