

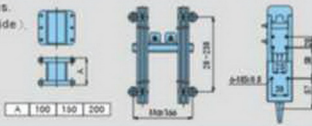
ROBOT SYSTEMS



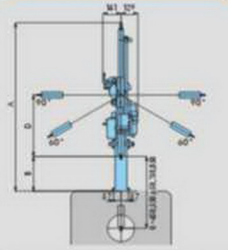
Model No.	Dry Cycle (sec.)	I.M.M. Range (Tons)	Vertical Stroke (mm)	Net Weight (kg)	Air Consumption (l/Cycle)
YS450	Standard Model			33	9
YS7450	With Teist	0.6	25~150	450	33.5
YS7450	With Teist & Vacuum				34
YS550	Standard Model			33.5	10
YS550	With Teist	0.7	60~180	550	34
YS7550	With Teist & Vacuum				34.5
YS650	Standard Model			34	11
YS7650	With Teist	0.8	120~250	650	34.5
YS7650	With Teist & Vacuum				35
YS750	Standard Model			34.5	12
YS750	With Teist	1.0	200~350	750	35
YS7750	With Teist & Vacuum				35.5
YS850	Standard Model			35	13
YS7850	With Teist	1.2	300~450	850	35.5
YS7850	With Teist & Vacuum				36

Comments:

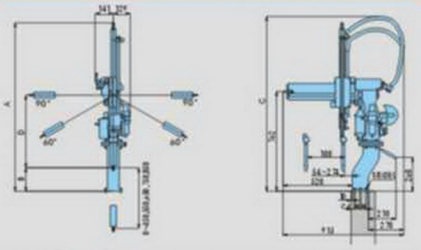
1. YSTV-series: Fitted with vacuum generator and vacuum fittings.
2. Adjustable Swing Angle: 60°~90° (To operator's side or rear side).
3. Adjustable Gripper Rotation Angle: 60°~100°
4. Strip Stroke: 100 mm
5. Effective Payload: 4kg
6. Compressed Air Pressure: 4~6kg/cm²
7. Power Consumption: Approximately 40VA
8. Operation Voltage: 1 φ AC 220V



YSxxx



YSTxxx & YSTVxxx



Model No.	YS450	YS550	YS650	YS750	YS850
A	1040~1240	1140~1340	1240~1440	1340~1540	1440~1640
B	111~211	111~211	111~211	21~273	21~273
C	1080~1280	1180~1380	1280~1480	1380~1580	1480~1680
D	472	472	472	512	512

Model No.	YST450	YST550	YST650	YST750	YST850
A	1040~1240	1140~1340	1240~1440	1340~1540	1440~1640
B	33~233	33~233	33~233	0~100	0~100
C	1080~1280	1180~1380	1280~1480	1380~1580	1480~1680
D	530	530	530	570	570



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2003.12.2000



YS Series
swing-Arm

Speed. Performance. Quality.

- Rapid cycle time, Rapid payback.
- High quality, low maintenance.
- Easy to install and operate.

Features.

1. Rigid constructed modular sections. Virtually maintenance and trouble-free.
2. Individual movement and speed adjustment.
3. Separated control unit to avoid hustle environment.
4. Ten standard sequences and ten teachable sequences.
5. Robot status and error message will display on pendent screen.
6. Incorrect or unsafe motion cannot be accepted by the program or will showing warning message.
7. SPI and EURCOMAP interface.
8. Re-definable HOME position for Core-Pull operation.

Programming.

1. Quick start with emergency stop.
2. Quality inspection program with counter setting.
3. Incomplete injection with counter setting.
4. Total injection cycle counter setting.
5. Test mold counter setting.
6. Alarm frequency and timer setting.
7. Motion and timer delay setting.
8. Reject parts detection with counter setting.
9. Spray counter setting.
10. Two spare output, one spare input.

Optional Accessories.

1. Third mold plate movement detector.
2. Standard SPI or EURCOMAP plug.
3. End of the arm tooling accessories.



■ Tool-free adjustment on lock stroke.



■ Centralize pneumatic control unit. Fast reaction and durable.



■ Swing out direction and angle adjusted with one screw.



■ Slimmer gripper design for tight mold open access.



■ Patented pressure differential verification system. Reliable and maintenance free.



■ Simple base pivoting for ease of mold change.

