

CE SERIES TRAVERSE BEAM ROBOT WITH AC INVERTER OR SERVO MOTOR TRAVERSE (X-AXIS) DRIVE

Robots For Plastic Injection Molding Machines

ISO 9001



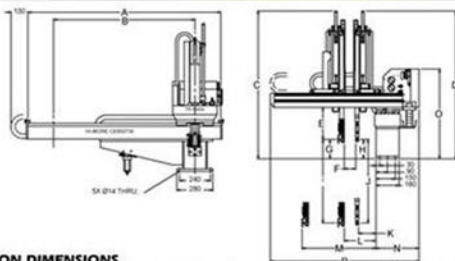
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CE(S) 950 S W
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1. MODEL
 - 1-1. CE WITH AC INVERTER MOTOR TRAVERSE DRIVE
 - 1-2. CES WITH SERVO MOTOR TRAVERSE DRIVE
2. VERTICAL STROKE
 - 2-1. 650 mm
 - 2-2. 750 mm
 - 2-3. 850 mm
 - 2-4. 950 mm
3. CONFIGURATION
 - 3-1. S: SINGLE ARM
 - 3-2. T: DOUBLE-ARM
4. W: STANDARD LOW-HEIGHT TELESCOPIC ARM DESIGN

CE_SPEC_SHEET REV. 81, 2009/1



INSTALLATION DIMENSIONS

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
CE650	1840	1440	1200	1200	300	30	120	120	650	650	200	253	730	335	725	1360
CE750	1840	1440	1250	1250	300	30	120	120	750	750	200	253	730	335	725	1360
CE850	2000	1600	1300	1300	300	30	120	120	850	850	200	253	730	335	725	1360
CE950	2000	1600	1350	1350	300	30	120	120	950	950	200	253	730	335	725	1360

- Note:
1. All units are mm;
 2. F dimension is the minimum distance for double-arm configuration.
 3. L dimension is the minimum distance for single arm configuration.

SPECIFICATIONS, PERFORMANCE AND UTILITY REQUIREMENTS

MODEL	CE650		CE750		CE850		CE950	
S: SINGLE ARM T: DOUBLE ARM	S	T	S	T	S	T	S	T
INJECTION MOLDING MACHINE SIZE (Ton)	80 ~ 150		150 ~ 250		250 ~ 350		350 ~ 450	
MAIN ARM VERTICAL STROKE (mm)	650		750		850		950	
MAIN ARM STRIP STROKE (mm)	200		200		200		200	
SUB-ARM VERTICAL STROKE (mm)	650		750		850		950	
SUB-ARM STRIP STROKE (mm)	150		150		150		150	
STANDARD TRAVERSE STROKE (mm)	1440		1440		1600		1600	
WRIST FLIP ANGLE (°)	90°							
MINIMUM TAKE-OUT TIME (sec)	1.1		1.3		1.5		1.7	
MINIMUM TOTAL CYCLE TIME (sec) OF CE	7.8		8.0		8.2		8.4	
MINIMUM TOTAL CYCLE TIME (sec) OF CES	5.4		5.6		5.8		6.0	
AIR CONSUMPTION (NL/cycle)	29	31	30	32	31	33	32	34
SUGGESTED OPERATION AIR PRESSURE (Kgf/cm ²)	5.5							
MAXIMUM ALLOWABLE AIR PRESSURE (Kgf/cm ²)	9							
MAXIMUM PAYLOAD (Kg)	5							
INSTALLED WEIGHT (Kg)	198	210	206	218	214	226	222	234
POWER SUPPLY	3-PHASE, 220 VAC, 50/60HZ							

HSM CONTROL SYSTEM

1. EUROMAP / SPI COMPATIBLE
2. STANDARD ONE PRESSURE AND ONE VACUUM CIRCUITS; OPTIONAL CIRCUITS AVAILABLE, UP TO OVERALL SIX PRESSURE / VACUUM CIRCUITS
3. PROGRAMMABLE SIX SPARE INPUTS AND SIX SPARE OUTPUTS FOR APPLICATIONS OF EOAT, CONVEYOR, NIPPER, MOLD RELEASE SPRAY, DOWNSTREAM EQUIPMENTS, ETC.
4. STANDARD CONVEYOR INDEXING AND PALLETIZING FEATURES

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