

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

Robots For Plastic Injection Molding Machines

ISO 9001



ND: 12 100 15236 TMS



BE(S) 650 S W



1. MODEL

- 1-1. BE WITH AC INVERTER MOTOR TRAVERSE DRIVE
- 1-2. BES WITH SERVO MOTOR TRAVERSE DRIVE

2. VERTICAL STROKE

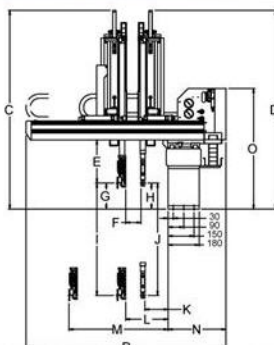
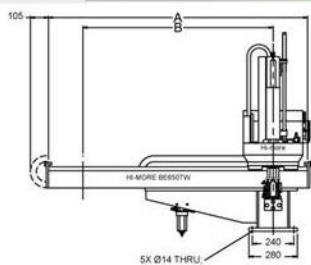
- 2-1. 650 mm
- 2-2. 750 mm
- 2-3. 850 mm
- 2-4. 950 mm

3. CONFIGURATION

- 3-1. S: SINGLE ARM
- 3-2. T: DOUBLE-ARM

4. W: STANDARD LOW-HEIGHT TELESCOPIC ARM DESIGN

BE_SPEC_SHEET
REV: B1, 200501



INSTALLATION DIMENSIONS

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
BE650	1500	1100	1150	1150	250	30	147	150	650	650	135	190	574	335	700	1160
BE750	1840	1440	1200	1200	250	30	172	150	750	750	135	190	674	335	700	1260
BE850	2000	1600	1250	1250	250	30	172	150	850	850	135	190	674	335	700	1260
BE950	2000	1600	1300	1300	250	30	172	150	950	950	135	190	674	335	700	1260

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	BE650		BE750		BE850		BE950	
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	
	STRIP STROKE (mm)		125		150		150	
SUB-ARM	VERTICAL STROKE (mm)		650		750		850	
	STRIP STROKE (mm)		75		75		75	
STANDARD TRAVERSE STROKE (mm)	1100		1440		1600		1600	
WRIST FLIP ANGLE (°)	90°							
MINIMUM TAKE-OUT TIME (sec)	1.1		1.1		1.2		1.2	
MINIMUM TOTAL CYCLE TIME (sec) OF BE	7.5		7.8		7.9		7.9	
MINIMUM TOTAL CYCLE TIME (sec) OF BES	4.4		4.6		4.8		4.8	
AIR CONSUMPTION (NL/cycle)	27	29	28	30	29	31	30	32
SUGGESTED OPERATION AIR PRESSURE (Kgf/cm ²)	5.5							
MAXIMUM ALLOWABLE AIR PRESSURE (Kgf/cm ²)	9							
MAXIMUM PAYLOAD (Kg)	3							
INSTALLED WEIGHT (Kg)	193	205	198	210	203	215	208	220
POWER SUPPLY	3-PHASE, 220 VAC, 50/60HZ							

HSM CONTROL SYSTEM

- 1. EUROMAP / SPI COMPATIBLE INTERFACE
- 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 FEATURE

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