

Project 1: Side Entry IML Robot/ 2 cavities / 1.2L container and lid / 3 side label - Flat label

Product	Type	Container & lid
	Injection point	Inside gated for both products
	Product range	2 cavities / 1.2 container - 1.2L lid
	Notes :	
Mould	Mould Maker	--
	Layout- Cavities	2 cavities
		All mould cavities center distances must be the same. Product heights must be similar. Temper evidents on cavities in the mold must be in the same position.
Injection moulding machine	Manufacturer	--
	Opening stroke injection machine	3 x product height + 150 mm
	Communication electrical Safety Guard	EUROMAP 67 EUROMAP 73
IML Robot	Type	Roboter Series
	Mounting	Nonoperator side of machine without mechanical connection
	Mould time + - 10 % container	From signal to signal 1.5 sec
	Mould time + - 10 % lid	From signal to signal 1.3 sec
	Labelling container	3 side label
	Labelling lid	Flat label
	Label fixing container & lid	Fix the label to moving side of the mould with electro static. Injection point is from inside.
	Qcs - 2 cav 1.2L container tool set	Included
	Qcs - 2 cav 1.2L lid tool set	Included
	Magazine type	Horizontal angle
	Magazine Change	Manual
	Take out	Parallel take out of the products
	Main axis	Servo drive
	Dummy insertion stroke	Servo drive
	Takeout stroke	Pneumatic drive
	Stacker	Servo drive

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Technical information	Label stack height	180mm apprx.
	Stacking	Stack the products as cavities layout onto conveyor. Stacking height needs to be confirmed.
	Conveyor	In direction of clamping unit 550 x 3000mm
	Electrical	3 x 400V / 50Hz / N / PE 2kVA
	Air	6 - 8 bar dry air
	Language operating panel	English - Turkish - Any other language can be prepared with the customer filling in a excel sheet.
	Colour	White / Blue
	Software	Roboplas
	Drives	Schneider Electric
	Servo Motor	Schneider Electric
	Control Panel	Schneider Electric
	Safety Switch	Pilz
	Pneumatic	Festo / SMC
	Vacuum generator	Festo
	PLC	Schneider electric
	Remote service connection	Secomea