

Beck · Automation · Zürich
IML ROBOTER

Lords Plastics 1

Firma
United Plastics LTD
Lords Plastics
POBox 51358
3504 Limassol
Cyprus

Att.. Mr Christos Hadjimanolis Director
Fax: 00357 5 391987

Project Buket

Dear Sir

We offer you the following system for bucket:

Description for standard installation bucket

The basic structure of the system is a stable aluminium framework. It is tied up directly with the injection machine by robust steel beams.
The axles X and Y are mounted on strong steel tubes with precision rails or ball screws. The main drive is integrated into the inside of a steel tube. All selected components are for continuous running and request very few maintenance work. The system is installed on the rear side of the injection machine. The free access for a mould change is at any time ensured.

The system allows to run with existing moulds and machines.

The system is conceived for full labelling. For each different product type it needs to use a different SET. The label juncture can be oriented freely (only round).

The system is served over one mobile panel mounted on the user side of the injection moulding machine. Operating conditions, menu guide and error messages are displayed. At the same time a red and blue signal lamp is connected. The blue lamp displays for the magazine level and the red lamp for error situations.

Oscar Beck AG

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Lordos Plastics 2

1. Project Bucket

Bucket 1 to 5 Litre 1 cavities	standard installation label size max. 600 x 300mm
type of machine	SMD-E600
Mounting	backside of the injection machine
mould time ±10%	take out one step 1,8s take out two step 2,8s
X-axis, main	Servodrive
Y-axis, transverse	Servodrive
Z-axis, wrap up	Servodrive
other axes	Servodrive or pneumatic
other movement	Pneumatic
magazine for label pile	200 mm/magazine manual change
different product exchange with SET	yes
Static for label fixing	Included
labelling style wrap round	full labelling
rectangular container wrap rectangular 4 side 2,5 to 5 litre	Option 1
take out device and stack the ejected product down on conveyor (included conveyor)	Option 2
label present control	Option 3
Handling without take out and stack incl. 1 Gallon product-SET in SFr.	
Other round product SET between SFr.	

Options	
Option 1 rectangular container wrap rectangular 4 side 2,5 to 5 litre	
Option 2 Take out and stack	
Option 3 Labelpresent control (oly possible with take out)	

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Lordos Plastics 3

Container to 1 Litre	IML-equipment
Cavities	2 cavities Mould
Layout	1 cavities Mould
	o o
Type of Machine	SAD-B500/2
Mould time $\pm 10\%$	1,6 s
Mould dimensions	
Opening stroke	
Axis principal	Servo drive
Axis transversal	Servo drive
Axis Wrap	Servo drive
Stack axis	Servo drive
Other movement	Pneumatic
Label stack magazine	2x150mm/stack depend of execution
take out device	Option 1
device to stack 600mm the ejected product down on conveyor	
Static for label fixing	Included
Vacuum	Included
	Pump with container
Conveyor 2500mm H = 800mm	Option 2
Label present control with colour sensor	Option 3
Quotation in sFr	
Other Product SET	

Container	Options SFr.
Option 1 take out device device to stack 600mm the ejected product down on conveyor	
Option 2 Conveyor 2500mm H = 800mm	
Option 3 Optic label presents control with 4 sensors (when one product is with out label all products ejected)	

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Lordos Plastics 4

General Conditions:

General conditions of contract according to Swiss association of machinery manufacturers -
abbreviation VSM

Delivery time: 5-6 months after received all technical information's
Equipment taking: in our factory
Assembling Netstal:
Instruction, training: in our factory
Delivery: ex works Oberengstringen ZH
Delivery mode: at your charge, to be agreed
Insurance: at your cost
Guarantee: 1 year included works and material,
excluded expenses and travel,
excluded wear-components
Payment: 50% down payment with order,
40% against shipping documents
10% 30 days net after delivery date
Full order with LC covers

Assembling:

(max. 10 H working time)
all unexpected waiting periods is invoiced separately

We hope that these specifications are sufficient for you and we recommend us for reliable
IML-Equipment with performances.

With best regards

Beck Automation Zurich
Oscar Beck Ltd.



Nicolas Beck

Oscar Beck AG

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