

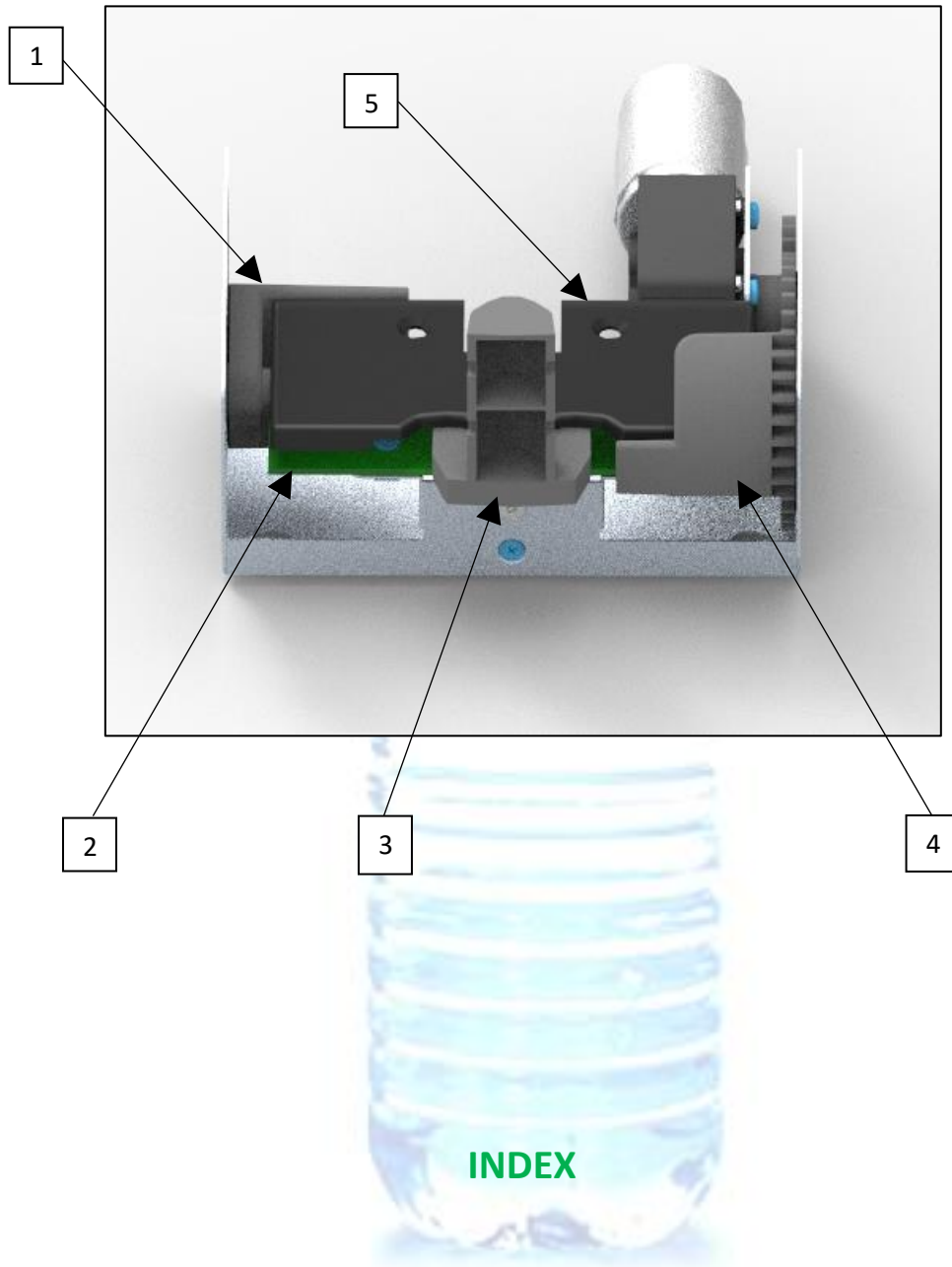
Update 2023

HCB - High Capacity Bottle Tray



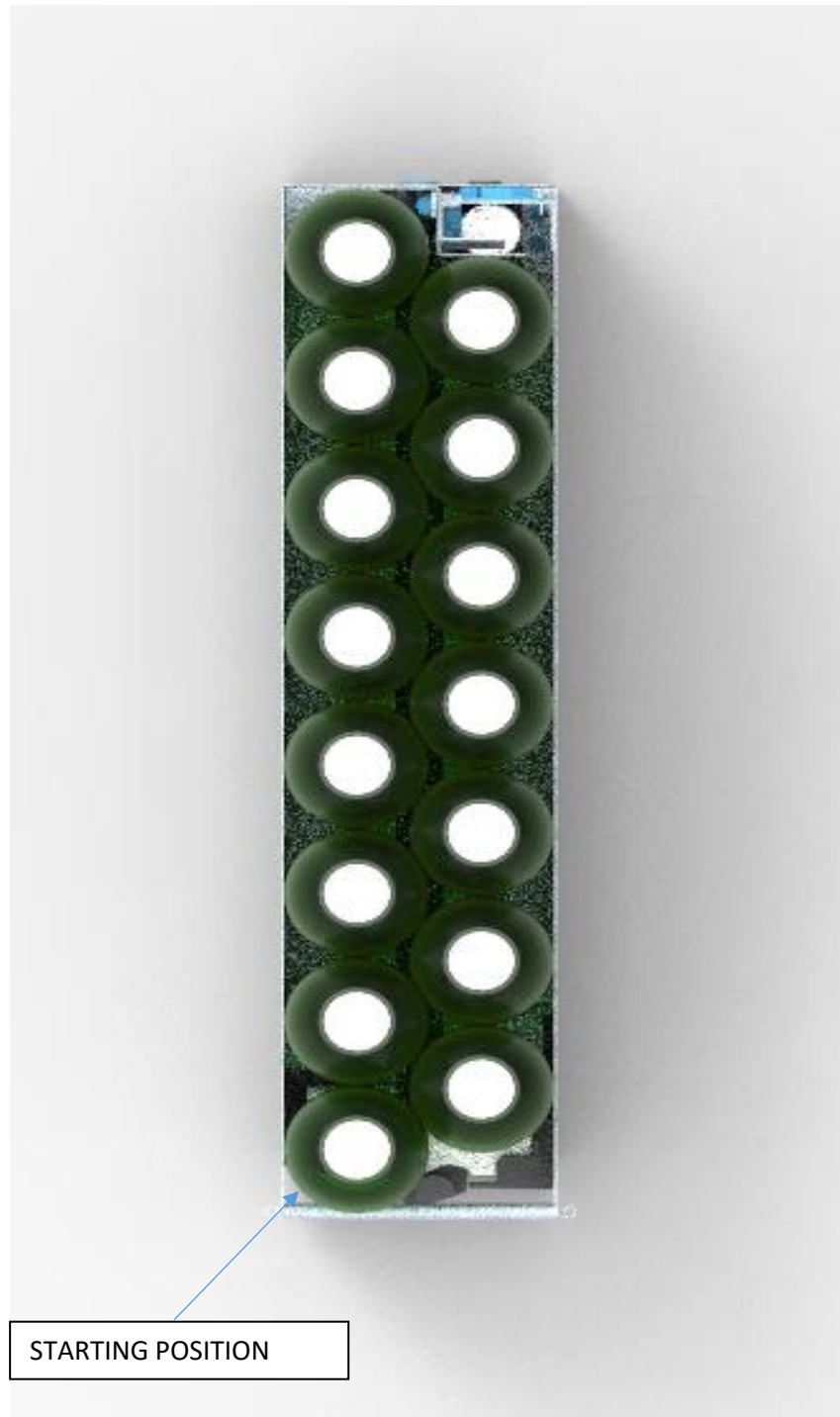
westomatic
make it happen

VADEMECUM BOTTLE PUSHER



- 1 – LEFT SIDE MANIPULATOR
- 2 – SENSOR BOARD HALL
- 3 – DEFLECTOR
- 4 – RIGHT SIDE MANIPULATOR
- 5 – BOTTLE SUPPORT REMOVEABLE

LOADING A COMPLETE EMPTY MODULE



The image identifies the correct position of the system where to start loading the bottles in the empty module, **you start from the first bottle in the front position on the left side** then you proceed alternatively until you reach the 15th bottle.

LOADING A MODULE WHICH IS ONLY PARTIALLY EMPTY

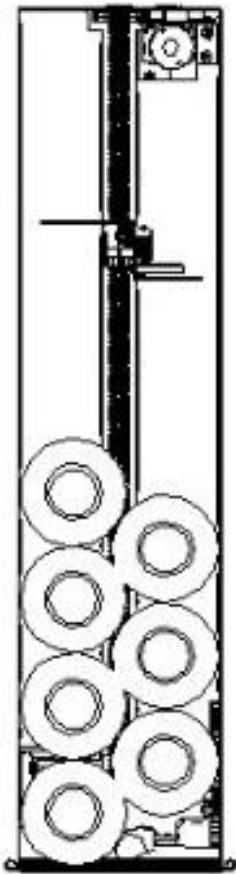


Figure 1

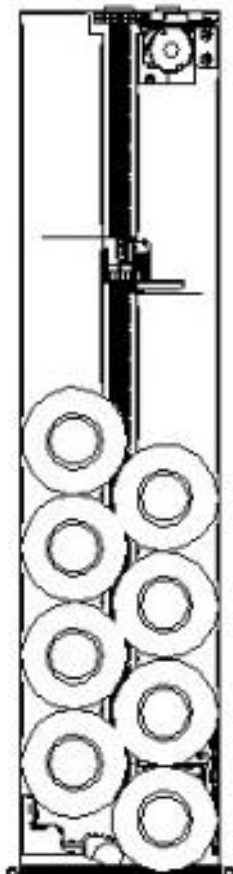


Figure 2

PUSHER
PADDLE

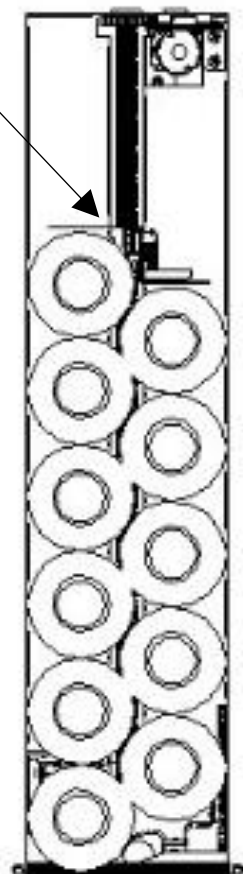
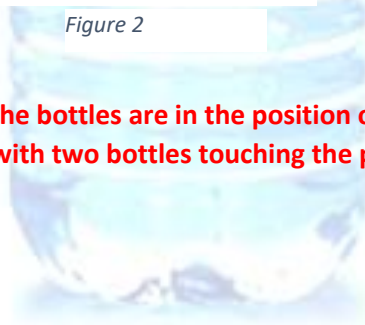


Figure 3

N.B. Independently from the fact that the bottles are in the position of figure 1 or 2, to balance the thrust, the filling must always happen with two bottles touching the paddle as per figure 3.



CORRECT POSITION OF THE ROTOR FOR THE LOADING & DELIVERY OF THE BOTTLES



NO

With the paddle of the manipulator in this position, with the tab impediment upwards, the bottle will not be delivered, with the risk of damaging the device .

YES

The bottle, to be delivered correctly, must always be positioned where the paddle manipulator is in this position and touch the deflector.

Tab impediment in the wrong position of the bottle

TRAYS REPLACEMENT & MOUNTING + LATERAL GUIDES

The reference for the replacement of a standard bottle spiral tray with a pusher tray is as follows:

THE CABLE HOOK OF THE PUSHER GUIDE MUST BE INSERTED IN THE HOLE IMMEDIATELY ABOVE OF WHERE IT WAS PREVIOUSLY FITTED WITH THE STANDARD ACCURIDE GUIDE.

La structure of the tray must be fixed, frontally, to the guides with two screws TC-CR M4 x 6 it is **VERY IMPORTANT TO USE ONLY THESE TYPES OF SCREWS** because other kinds could compromise the rotation of the manipulator.

IT IS NECESSARY TO FIX THE TRAY BEFORE LOADING THE BOTTLE MODULES BECAUSE WITHOUT THIS OPERATION THE SAFETY FOR THE OPERATORS WILL NOT BE ENSURED IN THE PHASES OF EXTRACTING AND LOADING THE TRAYS.

To facilitate the operation, the modules can be fitted only after having blocked the structure of the tray and fixed the screw with TC-CR M4 x 10.

It is not obliged to fix the modules to the structure but it is recommended to do it in order to make the tray more rigid.

To extract the tray it is necessary to lower simultaneously, the release levers on the guides to unblock it. As soon as the tray is free from the position CLOSED you must release the levers.

IT IS ABSOLUTELY PROHIBITED TO KEEP THE LEVERS DOWN DURING ALL THE RELEASING PHASE BECAUSE IN THIS CASE THE TRAY IS DISCONNECTED FROM THE GUIDES AND CAN FALL DOWN.

Release the release levers completely of the tray until you can hear the "CLICK" which signals the reached position of OPEN in which it remains blocked.

To reclose again, lower the levers and push the tray in the operating position, until you hear the "CLICK" which signals the reached position of CLOSED.

To verify when the tray is effectively hooked on, you will have it when without lowering the release levers, the tray does not move from the position of CLOSED.

PROGRAMMING

➤ CONFIGURATION OF TRAY

MODEL T - TABLET TOUCH SCREEN:

- Enter in the machines parameters
- Entrer in managing selections
- Enter in Delivery Bottles
- Select the single selection
 - Flag on – Enable the Delivery Bottles
 - Flag on – Apply to the single selection

MODEL GCD:

- Enter in the command 50
- Insert the total number of selections
- Key A
- Enter in the selections for delivery bottles
- Enter the number of selection with delivery bottles

➤ CUSTOMIZED DISPLAY TRAYS

CHARACTERS 1050: 23 - 24 - 23 - 23 - 24 – 23

CHARACTERS 900: 23 - 24 - 18 – 24 – 23

TO SUPPLY FURTHER INFORMATION ON THE FUNCTIONS IT IS RECOMMENDED TO ACTIVATE:

- PHOTOCELLS
- ALLOW ANOTHER SELECTION
- OPTION EMPTY



ALARMS

ERROR 2 - SUBCODE N° SELECTION

- OUTCOME – Time out manipulator (time out rotation = 7 sec.)
 - Damaged Board
 - Board not properly fixed to the support
 - Grainy gear wheels
 - Damaged Gear motor
 - Loading error or mechanical block which prevents the rotation.
- The selection goes OUT OF SERVICE and can be reset, eliminating the cause of the problem, by making a selection of TEST VEND.

ERROR 6 – SUBCODE N° SELECTION

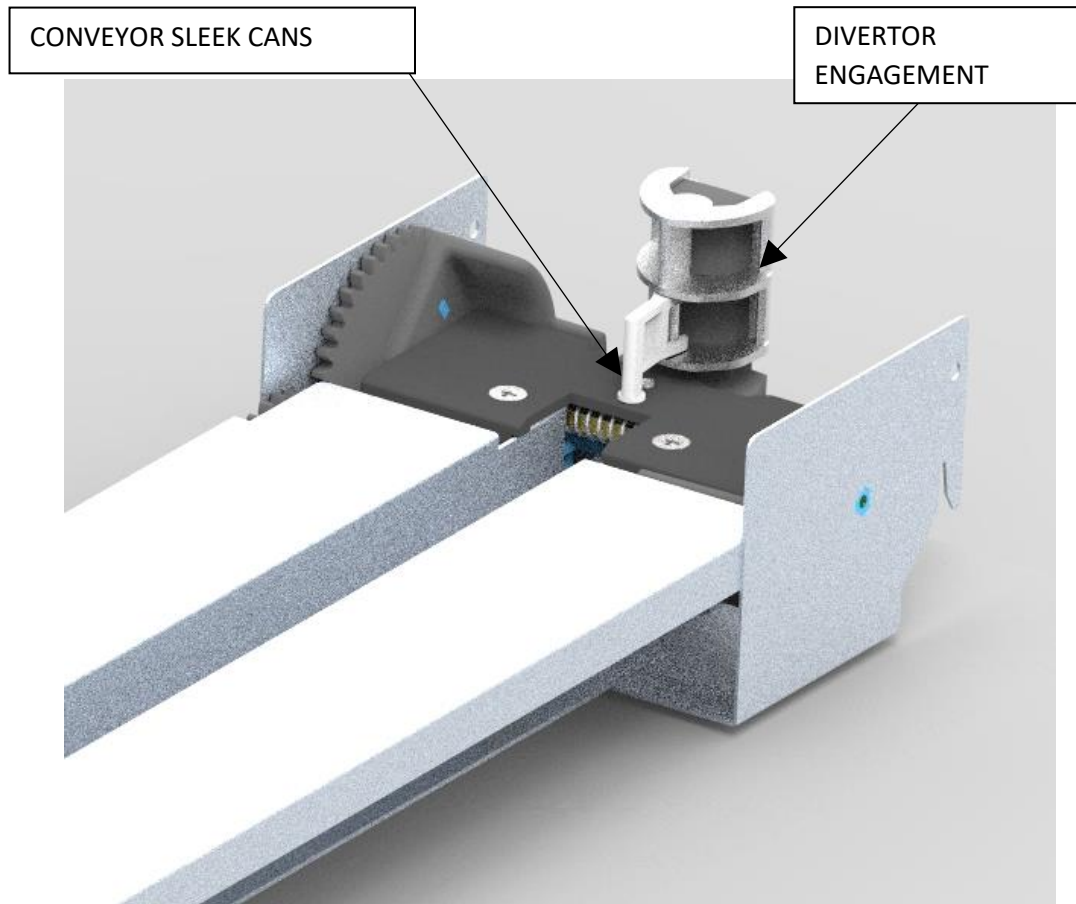
Does not generate any signal and does not put the machine out of service.
It is generated only for the service call but does not get visualized in the history error events.

- OUTCOME – Pusher Limit Switch
 - The paddle of the pusher has arrived to the limit switch
- The selection is NOT AVAILABLE

ERROR 7 – SUBCODE N° SELECTION

- OUTCOME – Time out pusher screw (time out run = 15 sec.)
 - There are no bottles and the pusher paddle is far from the limit switch/end run
 - Few bottles correctly loaded, pusher paddle is far away.
 - The bottles do not advance due to friction or diameter out of range
 - The bottles do not advance due to incorrect loading position respect to the manipulator
 - Damaged Gear motor
 - Grainy gear wheels
 - Pusher paddle not fixed to the screw
- The selection goes OUT OF SERVICE to be reset, eliminating the cause of the problem, by making a selection of TEST VEND.

ACCESSORIES



➤ **DIVERTOR ENGAGEMENT + CONVEYOR SLEEK CANS**

The divertor engagement + conveyor sleek cans it is necessary for an ultimate delivery of SLEEK CANS of 33cl. Thanks to this accessory it reduces the diameter with respect to the PET 50 cl bottles and the conveyor intervenes to block the advancement of the screw in the exact position above the manipulator. **It can be fitted only on the Standard Conveyor.**

➤ **OVERSIZED CONVEYOR**

The OVERSIZED conveyor is necessary for an optimal delivery of bottles with a diameter over 68mm for a certain particular types as indicated in the database below.

It does not allow to fit the Divertor engagement + Conveyor sleek cans.

The data base is indicative and does not cover all references to be delivered.

DATABASE BOTTIGLIE-LATTINE CASSETTO HCB				
BOTTIGLIE ACQUA	ESITO	VALORE DIAMETRO mm (IL VALORE MAGGIORE SE VARIABILE)	N° BOTTIGLIE EROGABILI PER MODULO	ACCESSORI
Acqua nat 0,5L Nocera Umbra	OK	66,5	15	DEVIATORE OVERSIZE
Acqua gas 0,5L Nocera Umbra	OK	67	15	DEVIATORE OVERSIZE
Acqua nat 0,5 L Nerea	OK	68	13	DEVIATORE OVERSIZE
Acqua leggermente frizzante 0,5 L Nerea	OK	68	13	DEVIATORE OVERSIZE
Acqua nat Levissima 0,5 L (formato mollo)	OK	68,5	13	DEVIATORE OVERSIZE
Acqua gas 0,5 L Levissima	OK	69	13	DEVIATORE OVERSIZE
Acqua S.Pellegrino	OK	68	13	DEVIATORE OVERSIZE
Acqua 0,5 L Ferrarelle	OK	65	15	
Acqua nat 0,5L Fabia	OK	67	15	
Acqua effervescente naturale 0,5 L Grazia	OK	67	15	
Acqua nat 0,5L Acqua chiara Norda	OK	67	15	
Acqua 0,5L Lete	OK	67,5	15	
Acqua nat 0,5 L Libera S. Benedetto	OK	66,5	15	
Acqua nat 0,5 L New Diamond S. Benedetto	OK	66,5	15	
Acqua nat 0,33 L S. Benedetto	OK	66,5	15	
Acqua nat 0,5 L Alpi Biellesi S. Benedetto	OK	66,5	15	
Acqua gas 0,5 L Alpi Biellesi S. Benedetto	OK	66,5	15	
Acqua nat 0,5 L Lursia	OK	66,5	15	
Acqua gas 0,5 L Lursia	OK	66	15	
Acqua nat 0,5L BIO Sant'Anna Rebruant	OK	66	15	
Acqua gas 0,5 L Valmora	OK	67	15	
Acqua nat 0,5 L Valmora	OK	66,5	15	
Acqua de Cuevas nat 0,5L	OK	64,5	15	
Acqua nat 0,5 L Font Vella	OK	63	15	
Acqua nat 0,5 L Font Ceita	OK	63	15	
Acqua nat 0,5 L Vimeiro	OK	63,5	15	
Acqua nat 0,5 L Dana	OK	63	15	
BEVANDE VARIE IN PET				
Energia de Limone 0,5 L	OK	66	15	
Energia de Arancia 0,5 L	OK	66	15	
Gatorade 0,5 L	OK	66	15	
The verde 0,5 L S. Benedetto	OK	66	15	
The pesca 0,5 L S. Benedetto	OK	66	15	
The limone 0,5 L S. Benedetto	OK	66	15	
Estathè Limone 0,33 L	OK	66	15	
Estathè Pesca 0,33 L	OK	66	15	
Estathè Limone 0,5 L	OK	66	15	
Estathè Pesca 0,5 L	OK	66	15	
LATTINE				
N.B. CARICARE SEMPRE CON LINGUETTA APERTURA VERSO L'ALTO !!!!				
FORMATO SLEEK 0,33 L	OK	58	17	INNESTO SLEEK
FORMATO VENDING 0,33 L	OK	66	15	
FORMATO SLEEK 0,25 L (es. Red Bull)	NO		/	
FORMATO 0,5 L	OK	66	15	

sono caricabili meno di 15 bottiglie
si deve utilizzare un accessorio