



IMPROVE!



# SIF 406 WAREHOUSE WORKING INSTRUCTION

## WP5 T5.2.1 TRAINING AND DEMONSTRATION MODULES DEVELOPED

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**Version 1**

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**30 September 2022**

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## 1 Power on

### 1.1 Check

- Remove all product from conveyor
- Remove all product from working space
- Connect to the compressor
- Put the emergency stop buttons to default position
- Switch off all electrical switch
- Check the connection with the main power

### 1.2 Power system

**Task**



Rotate the power switch to position 1

### 1.3 Air system

**Task**



Rotate the station air switch to position sup



After the switch on (approximately 70 seconds) the machine make a self test and calibration. If the station is ready, the HMI show it.



## 2 Power off

### 2.1 Deactivate air system

#### Task



Rotate the main switch to position sup

### 2.2 Electrical system switching off

#### Task



Rotate the electrical switch to position 0



## 3 Machine operation

The machine can work manual and automatic mode. In manual mode the machine work standalone, it is not connected to the other machines. In automatic mode the SIFMES software control the entire production line.

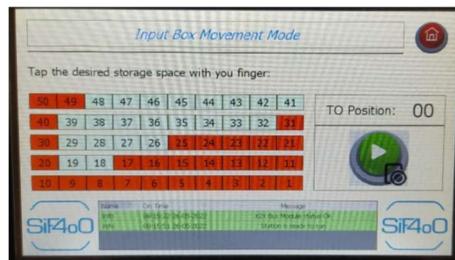
### 3.1 Manual operation

In manual mode the the choices are:

- Input box movement mode
- Output box movement mode
- Internal movement mode
- Clear all position

### 3.2 Input box movement mode

- Put the container to the conveyor
- Select the position
- Push the start button



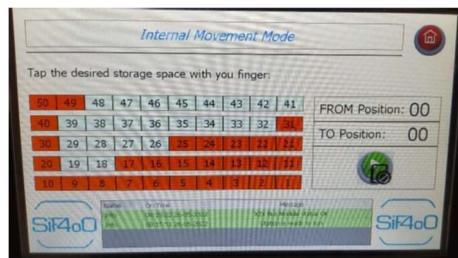
### 3.3 Output box movement mode

- Select the position
- Push the start button



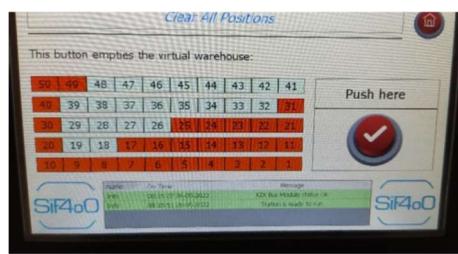
### 3.4 Internal movement mode

- Select the source position
- Select the target position
- Push the start button



### 3.5 Internal movement mode

- Push the remove button



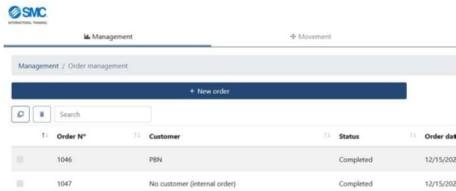
## 4 SIF Mes

In integrated mode the production line can produce the ordered product. All cell should be switched on, and in resetted state. To order, open the SIFMES software in the browser:



## 4.1 Order management

In the Management -> Order management we can create a customer order with a New order button. To select the Stock order option the product will go to the warehouse, and will not be assigned with customer. If it is not selected, it will go to delivery.



Order N°	Customer	Status	Order date
1046	PBN	Completed	12/15/2018
1047	No customer (internal order)	Completed	12/15/2018

## 4.2 EO&MO management

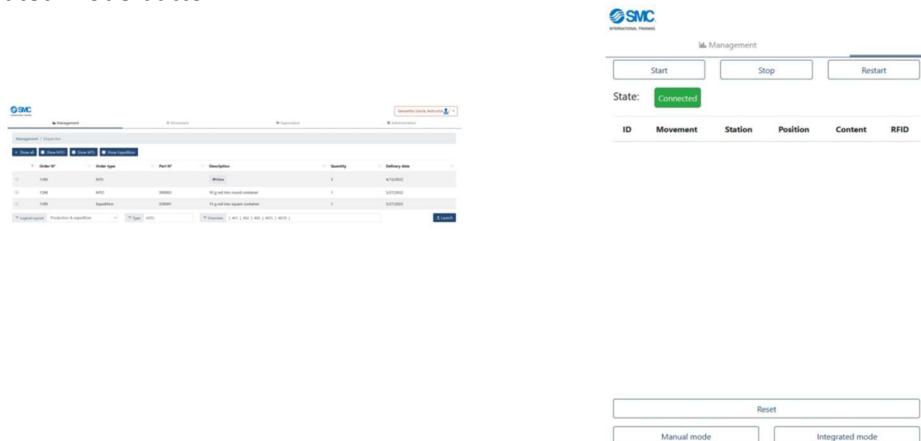
In this menu we have two options. The first is a New manufacturing order, where we can produce a previous production order. The second option is the New expedition order, where we can deliver a product from a warehouse. We can choose one of these two options, and below the Order lines we should choose the products and push the Add and the Save button.



Order N°	Order type	Date	Order date	Delivery date
1001	MTO	Completed	12/15/2018	12/15/2018
1002	MTO	Completed	12/15/2018	12/15/2018

## 4.3 Dispatchet

In the Management -> Dispatcher menu we can start the production. We can choose the mode in the upper part (Show MTO - show the productions for delivery, Show MTS - show the productions for warehouse, Show Expedition - show the delivery for warehouse), then we can choose the lines what we want to produce, and push the Launch button. Then in the Movement - System status menu push the Integrated mode button.



Order N°	Order type	Part N°	Description	Quantity	Delivery date
1001	MTO	000001	10 g and round container	1	12/15/2018
1002	MTO	000002	10 g and square container	1	12/15/2018

Movement

Start   Stop   Restart

State: Connected

ID   Movement   Station   Position   Content   RFID

Reset

Manual mode   Integrated mode



## 5 Documentation

More information

- Operation Manula SIF-400 Integrated mode
- Operation Manula SIF-400 Manual mode
- Operation Manula SIF-400 Software manual

