



SIF 407 WORKING INSTRUCTION

WP5 T5.2.1 TRAINING AND DEMONSTRATION MODULES
DEVELOPED

Version 1

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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:

3.2 In manual mode the the choices are:

- Label printing
- Remove product



3.2.1 Label printing

The machine print a label to a container, and put back to the conveyor

3.2.2 Finished product unloading

The machine separate the palette and the product and unload it

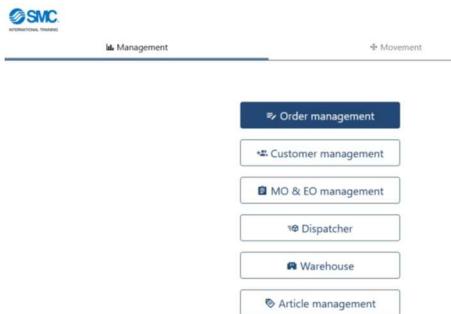
3.2.3 Empty Bin

The palette container can store 3 empty palette. If the container is full, the machine will give a signal. If the machine is stopped, remove the palettes, and push the Empty Blue Bin button.

4 SIF Mes

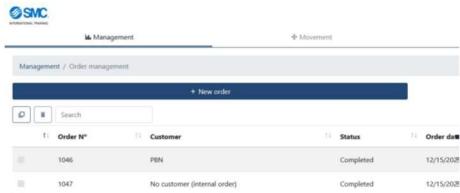
In integrated mode the production line can produce the ordered product. All cell should be swicthed on, and in resetted state. To order, open the SIFMES software in the browser:





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.



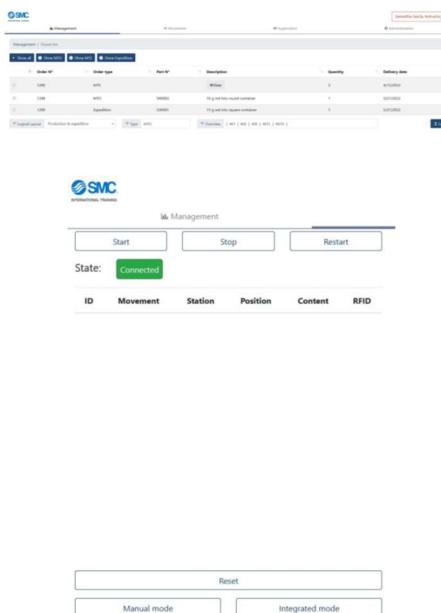
4.2 EO&MO management

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.



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.



5 Documentation

More information

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

