

**Magenta Pack**  
packaging solutions.

Electric Table Top Tray Sealer

**Instruction &  
operation manual**

MP BIO Series





# PLEASED TO MEET YOU,

**We are Magenta Pack and we deliver packaging solutions that make a difference.** With more than 20 years of experience in sustainable packaging solutions, Magenta Pack has a lot to offer in the field of packaging machines and (eco friendly) packaging materials. Our solutions are tailored for the food processing and foodservice industry. The packaging materials portfolio we offer includes foils (both flexible and rigid), trays and pouches, with or without barrier. As we are committed to a more sustainable and greener industry we also offer PLA Kraft packaging solutions as well as recyclable packaging solutions.

"We believe that sustainable packaging can make a substantial contribution to healthier lives and a sustainable future."

All our machines are exceptionally priced! That is also why we are different. We want to make our packaging machines accessible to everyone. No fuss or difficult stories. Just a top product at a very attractive price and without compromise! Our machines have European components (Busch pumps, Schneider, etc) to guarantee a top notch product. Hope to speak to you soon.

The Magenta Pack team

Thank you for your purchase of MP-BIO Table Top Tray Sealing Machine which is independently developed and manufactured by us. Before operating the machine, please carefully read the operation instruction in order to understand the features of the machine. Correct operation may minimize accidents of personal injury, keep the equipment operating in optimal state and extend the service life of the equipment. Operators shall strictly abide by the safety precautions of the equipment as stated in this manual.

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# MP-BIO

## Components Indication

### 1 The function feature of machine

- 1.1 Machine consist of main structure, sealing film supply and recovery mechanism, up and down vacuum chamber and mould, heating and temperature control system.
- 1.2 This machine applies to the packaging of meats, aquatic products, fruits, rice and flour products.
- 1.3 The machine use single phase 220V/50Hz power supply. Strictly prohibit to use the temporary lines or sharing of power supply with other equipment due to the high power consumption of the machine, the outer power supply connection should be operated by electrician qualification person.  
Caution: The electric damages caused by incorrect power supply are not within the range of warranty.
- 1.4 The machine working process: After connected the machine and power supply, install the sealing film onto machine, put the packing tray onto down mould, push the down mould onto working position by hand, the sealing film will be sealed the trays and cutting the film, then pull the down mould out from the machine, the whole process is accomplished.
- 1.5 The control system of the machine is made by the MAGENTA PACK BV. During the operation, all operating procedures of the machine are automatically controlled.

## **2 Arrival of the machine at the site and usage**

- 2.1 Check that the machine is supplied with complete components and accessories against the packing list and that the machine is not damaged during the transportation (For any missing or damaged parts, contact your carrier or vendor immediately)
- 2.2 Before using the machine, user must confirm that whether the working place could supply unit equipment maximum power supply of single phase, 15A.

## **3 Machine Installation**

### **3.1 Acceptance of machine and accessory**

3.1.1 Open the box, checking whether the machine and accessory are completely, and checking whether the machine is damaged during the transportation. If the machine and accessory are not completely and damaged, please contact the transportation company and consignor.

3.1.2 Checking that the machine complies with your order.

### **3.2 Connection of the electric circuit.**

3.2.1 Make sure that the site power supply conform to the requirement of the machine, and make sure not to use the temporary power supply and other public power supply, in order to ensure the safety of the operator and machine.

3.2.2 It must be fixed creepage breaker on the machine power supply circuitry. It might be happened with the accident of machine creepage injury caused by broken of parts on any machine, so it must be fixed the safety measurement

before using the machine. The operator should connect the port of earth wire on the ground hardly when provide the power supply to the machine. The structure of machine must be connected earth wire which the cross section is not less than 4m<sup>2</sup>, and connect the earth wire on the factory public grounding port.

3.2.3 When the machine needs to move, it should be disconnected the power supply in advance.

## **4 Preparation of start the machine**

4.1 Make sure the power supply and earth wire are well connected. Make sure the power supply is apply to requirement scope, the power supply should be single phase 220V/50Hz. Make sure machine are under the normal working condition.

## **5 Sealing film installation and dismantle**

5.1 Revolve the nut of the film release axis anticlockwise, take out the shield ring, put the film roller onto center position of axis, then install the shield ring and nut in turn.

5.2 After sealing film has been installed, make sure that sealing film should be placed at the balance status at the film release axis.

5.3 Please revolve the sealing film for a few rounds before operation, because the sealing film will be out of shape Heated by the heating system with last working process.

5.4 Film fixing drawing.

# Electric Table Top Tray Sealer Timer instructions



First: Press **A**

Second: Press **B** for lower the temperature

or, Press **C** to increase the temperature

Third: Confirm with **A** when you reached the right temperature

## 6 Start the machine and machine debugging

- 6.1 Connection the power supply, press and turn on the machine power supply switch.
- 6.2 Press the button of temperature controller to set the sealing temperature.



## 7 Flow of Work

- 7.1 The machine is ready to operate after connected the power supply. The operator turn on the machine power supply switch. Press the button of temperature controller to set the sealing temperature. Put the filled tray in the down mould. Pushing the down mould onto machine, after sealing end, pull out the down mould from the machine.

## 8 Machine Maintenance

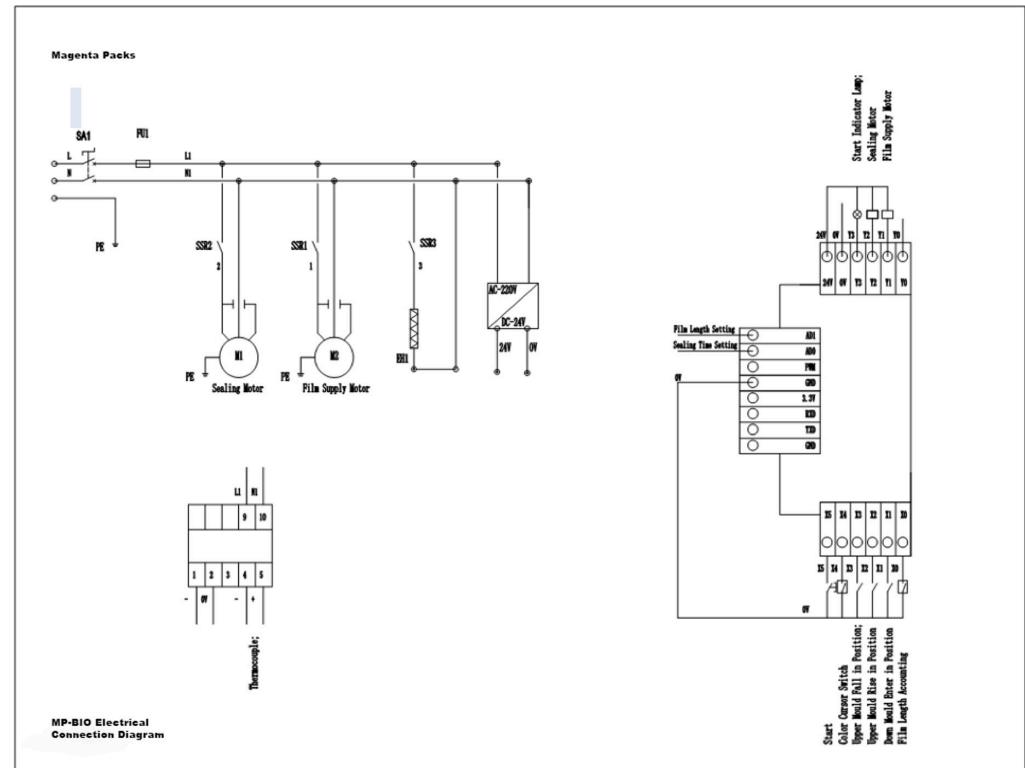
- 8.1.1 Observing whether the machine is running normally and whether there is a noise when it's running, if there is such problem, please stop running the machine and checking it, or ask for machine supplier.
- 8.1.2 Whether there is leak of connection port of valve and filter decompression valve, if there is such problem, it must be replacement.
- 8.1.3 Checking whether the sealing system screw is loosen termly.
- 8.1.4 Checking whether there is break of cord, whether the earth wire is connected well which ensure the safety of operator.
- 8.1.5 Please keep the cleanliness of sealing part of upper mould, in order to avoid sealing quality.
- 8.1.6 Forbid to use the water to clean the machine directly.



## Specifications

ELECTRICAL TRAY SEALER	MP-BIO
Maximum Tray Dimensions(mm)	260 x 180 x 100
Max.Width of Film (mm)	300 mm
Max.Diameter of Film (mm)	220 mm
Packing Speed (cycle/min)	7-8
Electrical Requirement (v/Hz)	1P/110V/60Hz or 1P/220V/50Hz
Consume Power (kw)	0.8
Net Weight(kgs)	36
Gross Weight(kgs)	46
Machine Dimensions (mm)	530 x 320 x 610
Shipping Dimensions (mm)	730 x 530 x 830

## Circuit Diagram



# Magenta Pack Portfolio



MP-BIO 150 + BIO 185



MP-BIO RECTANGULAR



MP-TT-MAP



MP-FS-320 MAP



MP-T-420 + T-420 MAP



MP-F-520



MP-D-600 + D-600 MAP



MP-D-700 + D-700 MAP



MP-D-800 + D-800 MAP



MP-D-1100



MP-DS 10



MP-DT-600



MP-DA-500



INDUSTRIAL PACKAGING LINE - DT-LINE

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BASIC USE

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