

HM11-T/TB

HM145

HM146

Hot Melt Case Sealers



# HM11-T/TB

## HM11-T automatic hot melt carton sealer.

HM11-T is an automatic case sealer with side drive belts and manual adjustment. It is designed to seal with Hot Melt glue the top of boxes of the same size.

The box, coming from a filling station with the bottom flaps sealed, is taken away by drive belts toward the machine where injectors dispense 4 strips of Hot Melt glue. A system of flap compression rollers provides the proper pressure on top flaps of boxes.

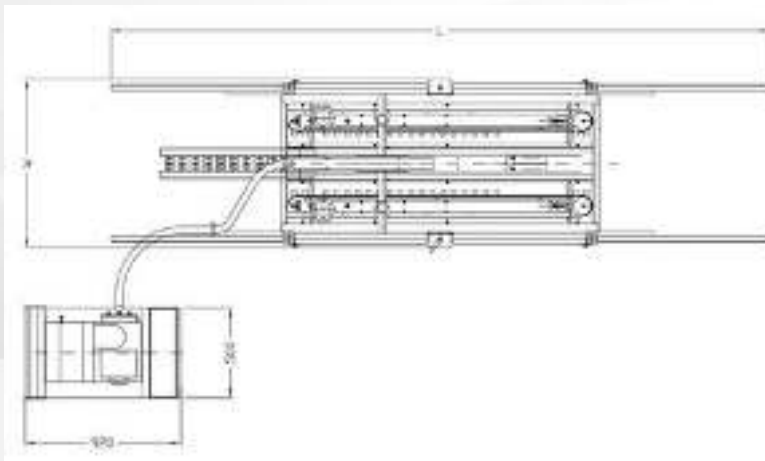
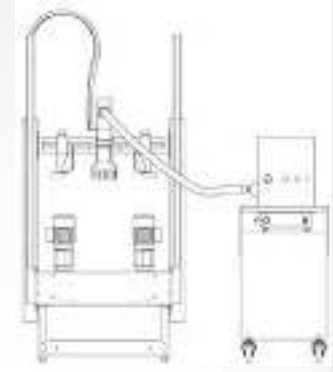
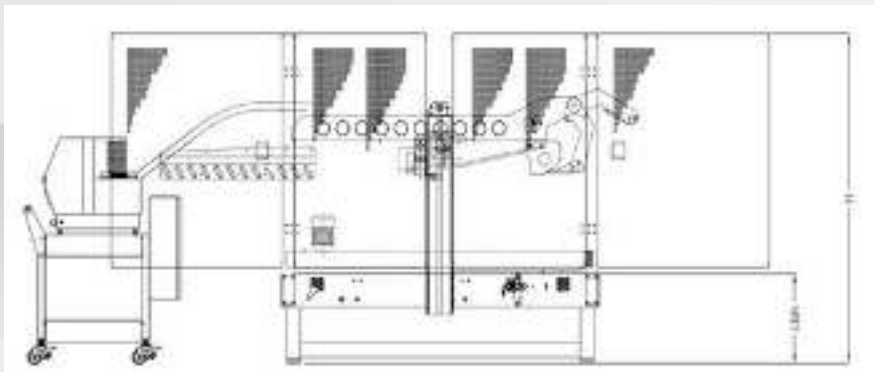
The Hot Melt case sealer doesn't require the presence of an operator except for the glue adjustments and feeding. It is equipped with safety panels to prevent an operator from coming in contact with moving or hot parts.

## HM11-TB automatic hot melt carton sealer.

HM11-TB is an automatic case sealer with side drive belts and manual adjustment. It is designed to seal with Hot Melt glue the top and bottom of boxes of the same size.

The box, coming from a filling station with the bottom flaps sealed, is taken away by drive belts toward the machine where injectors dispense 4 strips of Hot Melt glue. A system of flap compression rollers provides the proper pressure on top and bottom flaps of boxes.

The Hot Melt case sealer doesn't require the presence of an operator except for the glue adjustments and feeding. It is equipped with safety panels to prevent an operator from coming in contact with moving or hot parts.



|   | HM11-T      | HM11-TB     |
|---|-------------|-------------|
| L | 3498        | 3838        |
| W | 938         | 938         |
| H | 1745 / 2085 | 1745 / 2085 |

### Key Features

- Manual adjustment on the different box sizes (width,height,length) by handles
- Side drive belts (2 x 75 mm width each)
- 2 x Motors kW 0,18 each

#### HM11-T:

- The top glue dispensing applicator dispenses the glue on the top flaps while boxes pass through the machine before the top flaps folding

#### HM11-TB:

- The top & bottom glue dispensing applicator dispenses the glue on the top and bottom flaps while boxes pass through the machine before the top flaps folding
- ROBATECH® Hot Melt glue dispenser on an external carriage with casters equipped with 5 Kg tank, tube and glue applicator included (other brands on request))
- The glue dispenser adjusts glue temperature & volume
- Storing of sealing programs
- Timer setting to allow pre-heating adjustment
- Box dimensions adjustment
- Side safety protections with stop emergency button and switches to disconnect electric & pneumatic circuits
- Control panel equipped with: main switch start, stop button, stop emergency button and photocells to control glued boxes passing
- Machine controlled by PLC

# HM11-T/TB

HM11-T and HM11-TB are automatic case sealers with side drive belts and manual adjustment. They are designed to seal with Hot Melt glue the top and bottom of boxes of the same size.

The box, coming from a filling station with the bottom flaps sealed, is taken away by drive belts toward the machine where injectors dispense 4 strips of Hot Melt glue. A system of flap compression rollers provides the proper pressure on top and bottom flaps of boxes.

The Hot Melt case sealers don't require the presence of an operator except for the glue adjustments and feeding. They are equipped with safety panels to prevent an operator from coming in contact with moving or hot parts.



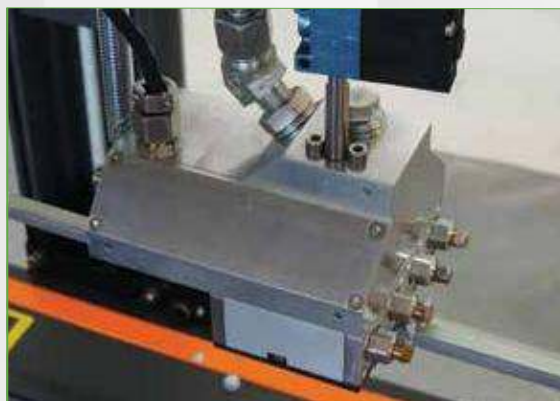
Folding system of bottom flaps (only HM11-TB)



Optional touchscreen panel



Upper Hot Melt glue dispensing applicator



**HM11-TB**

Optional  
safety panels

polycarbonate

for more details:



other languages: [www.casapacking.com](http://www.casapacking.com)



# HM145/146

HM145 and HM146 are automatic case erectors with side drive belts and manual adjustment. They are designed to seal with Hot Melt glue the bottom of boxes. The operator, after having filled the box storage with boxes and adjusted the machine, turns "On" switch. The machine automatically takes a box from the boxes storage. A carriage drags the box which is automatically opened by a box-opener lever. Then the box is taken away by a second carriage through side drive belts to start the folding operations.



Control panel

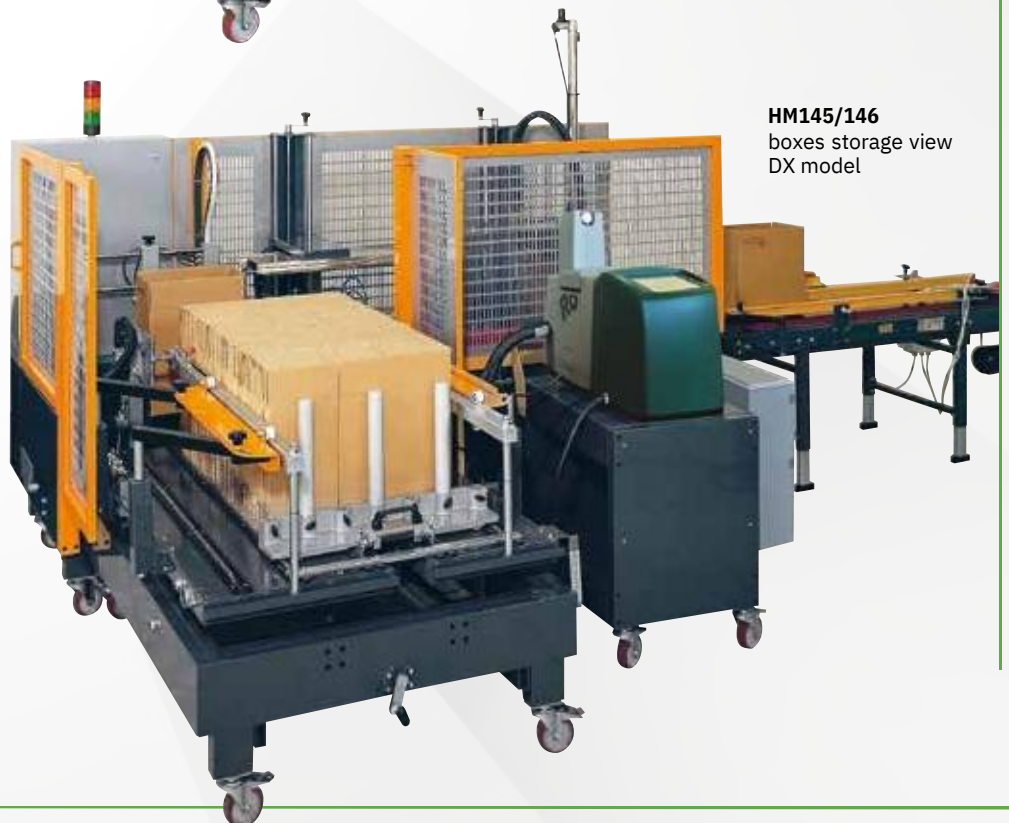
**HM145/146**  
front view  
of DX model



Detail of folding system of the bottom flaps



**HM145/146**  
boxes storage view  
DX model



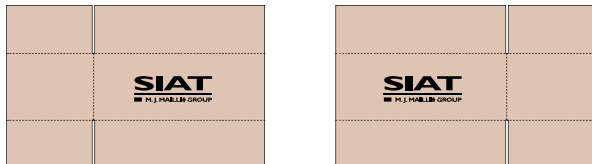
### Key features of HM145:

- Box storage for 150 boxes
- Box storage available on left side (SX) or right side (DX)
- 2carriages activated by a pneumatic system with suction cups to take cartons from the boxes storage, to fold and to take them away by drive belts (2 x Motors kW 0,55 each) for the bottom flaps folding & sealing with Hot Melt glue
- ROBATECH® Hot Melt glue dispenser positioned on an external carriage with casters (other brands on request)
- VENTURI® vacuum system
- Control panel equipped with: box counter - box timer, low box storage alarm, glue end alarm, full line alarm after the machine
- Safety protections with switches to disconnect electric and pneumatic circuits if opened
- Machine controlled by PLC

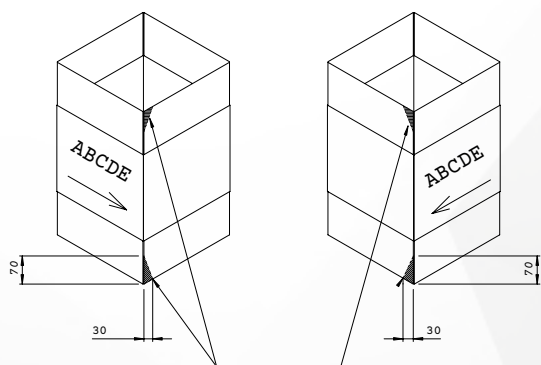
### Key features of HM146:

- Box storage for 150 boxes
- Box storage available on left side (SX) or right side (DX)
- 2carriages activated by a pneumatic system with suction cups to take cartons from the boxes storage, to fold and to take them away by drive belts (2 x Motors kW 0,55 each) for the bottom flaps folding & sealing with Hot Melt glue
- ROBATECH® Hot Melt glue dispenser positioned on an external carriage with casters (other brands on request)
- VENTURI® vacuum system
- Control panel equipped with: box counter - box timer, low box storage alarm, glue end alarm, full line alarm after the machine
- Safety protections with switches to disconnect electric & pneumatic circuits if opened
- Machine controlled by PLC

How to choose between a right hand and a left hand machine when using printed boxes



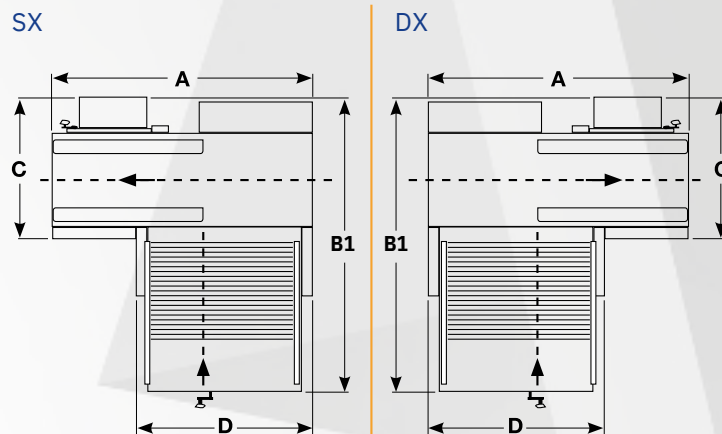
Modifications to be done on the squared boxes



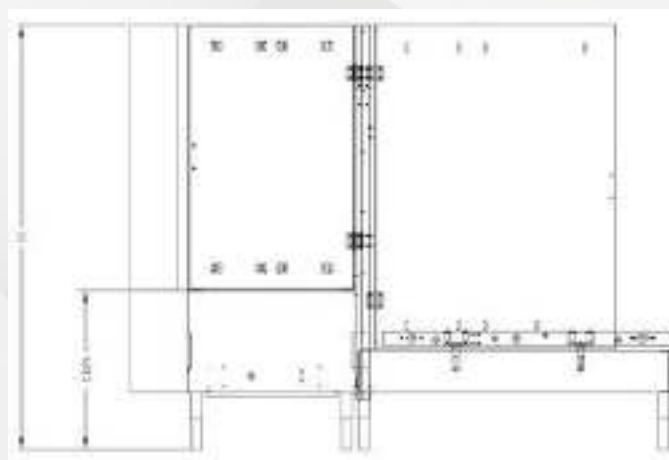
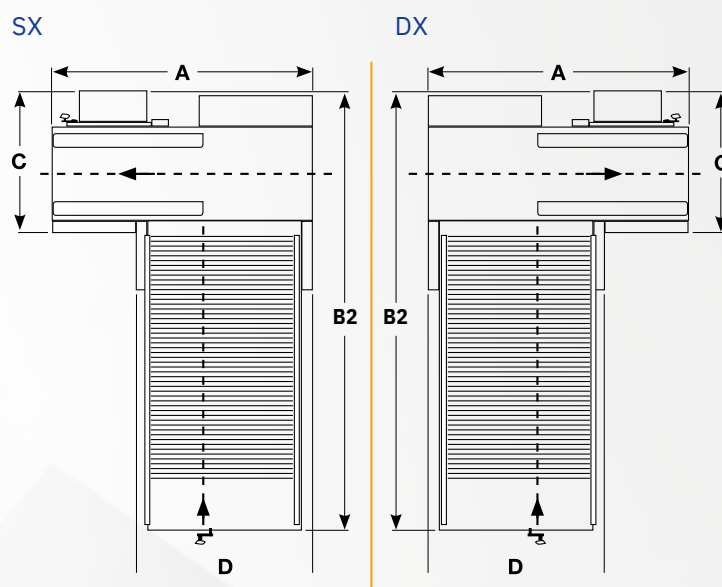
Overall machine dimensions with standard or optional extended box storage

|   | HM145       | HM146       |
|---|-------------|-------------|
| A | 3110        | 3280        |
| B | 2290        | 2290        |
| 1 | 3290        | 3290        |
| B | 1002        | 1020        |
| 2 | 1317        | 1320        |
| C | 1790 / 1890 | 1790 / 1890 |
| D |             |             |
| H |             |             |

Standard box storage capacity: 80 ÷ 150 boxes according to thickness.



Extended box storage capacity: 160 ÷ 300 boxes according to thickness.



> Machine dimensions  
Dimensioni macchina  
Machinemessungen  
Dimensions machine  
Dimensiones de máquina

## &gt; HM11-T/TB

## &gt; HM145

## &gt; HM146

| Size / Weight packaging |  |  | LxWxH<br> |
|-------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| > HM11-T                | 25                                                                                | 350                                                                               | 270x120x2                                                                                  |
| > HM11-TB               | 5                                                                                 | 550                                                                               | 13                                                                                         |
| > HM145                 | 42                                                                                | 100                                                                               | 305x120x2                                                                                  |
| > HM146                 | 0                                                                                 | 0                                                                                 | 13                                                                                         |

78 105 310x235x2  
0 0 65

|          | Min. | Max |
|----------|------|-----|
| H 1745   |      | 208 |
| cbh 485  |      | 5   |
| AS 77585 |      | 825 |
| AS 80685 |      | 925 |

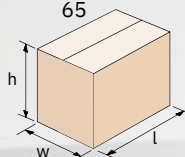
|     | Min. | Max |
|-----|------|-----|
| H   | 179  | 189 |
| cbh | 0    | 0   |
| AS  | 545  | 645 |
| 109 | 665  | 765 |

|     | Min. | Max |
|-----|------|-----|
| H   | 179  | 189 |
| cbh | 0    | 0   |
| AS  | 545  | 645 |
| 109 | 665  | 765 |

AS 80 n.a. n.a.

AS 80 n.a. n.a.

> Box dimensions  
Dimensioni delle scatole  
Kartonabmessungen  
Dimensions des boîtes  
Dimensiones de cajas



## &gt; HM11-T

## &gt; HM11-TB

## &gt; HM145

## &gt; HM146

|   | Min. | Max |
|---|------|-----|
| l | 20   | 60  |
| w | 0    | 0   |
| h | 15   | 50  |

|   | Min. | Max |
|---|------|-----|
| l | 20   | 50  |
| w | 0    | 0   |
| h | 15   | 50  |

|   | Min. | Max |
|---|------|-----|
| l | 20   | 56  |
| w | 0    | 0   |
| h | 15   | 35  |

|   | Min. | Max |
|---|------|-----|
| l | 30   | 60  |
| w | 0    | 0   |
| h | 20   | 40  |

0 0

0 0

0 0

0 0

15 50

15 50

20 45

20 45

0 0

0 0

0 0

0 0

|           |     |
|-----------|-----|
| > HM11-T  | Bph |
| Max pcs.* | 120 |

|           |     |
|-----------|-----|
| > HM11-TB | Bph |
| Max pcs.* | 100 |

|         |    |
|---------|----|
| > HM145 | Bp |
| Max     | h  |

|         |    |
|---------|----|
| > HM146 | Bp |
| Max     | h  |

0

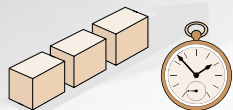
pcs.\* 50

pcs.\* 40

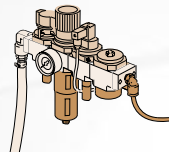
0

\* Always based on shorter manageable box

> Production capacity  
Capacità di produzione  
Produktionskapazität  
Capacité de production  
Capacidad de producción



> Air consumption  
Consumo aria  
Luftverbrauch  
Consommation d'air  
Consumo de aire



|          |     |
|----------|-----|
| > HM11-T | NL. |
| Cycle    | 2,1 |

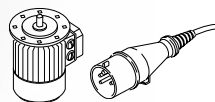
|           |     |
|-----------|-----|
| > HM11-TB | NL. |
| Cycle     | 2,2 |

|         |     |
|---------|-----|
| > HM145 | NL. |
| Cycle   | 12  |

|         |     |
|---------|-----|
| > HM146 | NL. |
| Cycle   | 12  |

from 5,5 bar to 7 bar

> Standard voltage  
Voltage standard  
Standardspannung  
Tension standard  
Voltaje estándar



## &gt; HM11-T

## &gt; HM11-TB

## &gt; HM145

## &gt; HM146

|                      |                  |
|----------------------|------------------|
| 380/400V - 50Hz - 3F | 440V - 60Hz - 3F |
| Amps 1,33            | Amps 1,33        |
| Power kW0,36         | Power kW0,36     |
| Phase 3Ph+PE         | Phase 3Ph+PE     |

|                      |                  |
|----------------------|------------------|
| 380/400V - 50Hz - 3F | 440V - 60Hz - 3F |
| Amps 1,33            | Amps 1,33        |
| Power kW0,36         | Power kW0,36     |
| Phase 3Ph+PE         | Phase 3Ph+PE     |

|                      |                  |
|----------------------|------------------|
| 380/400V - 50Hz - 3F | 440V - 60Hz - 3F |
| Amps 3,93            | Amps 3,93        |
| Power kW1,11         | Power kW1,11     |
| Phase 3Ph+PE         | Phase 3Ph+PE     |

|                      |                  |
|----------------------|------------------|
| 380/400V - 50Hz - 3F | 440V - 60Hz - 3F |
| Amps 3,93            | Amps 3,93        |
| Power kW1,11         | Power kW1,11     |
| Phase 3Ph+PE         | Phase 3Ph+PE     |

## &gt; Robatech® Hot-Melt applicator (other brands on request)



|                      |                  |
|----------------------|------------------|
| 380/400V - 50Hz - 3F | 440V - 60Hz - 3F |
| Amps 5,2             | Amps 6           |
| Power kW2,37         | Power kW2,56     |
| Phase 3Ph+N+PE       | Phase 3Ph+N+PE   |

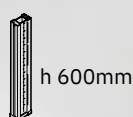
|                      |                  |
|----------------------|------------------|
| 380/400V - 50Hz - 3F | 440V - 60Hz - 3F |
| Amps 4,5             | Amps 4,5         |
| Power kW2,24         | Power kW2,24     |
| Phase 3Ph+N+PE       | Phase 3Ph+N+PE   |

|                      |                  |
|----------------------|------------------|
| 380/400V - 50Hz - 3F | 440V - 60Hz - 3F |
| Amps 4,5             | Amps 4,5         |
| Power kW2,24         | Power kW2,24     |
| Phase 3Ph+N+PE       | Phase 3Ph+N+PE   |

|                      |                  |
|----------------------|------------------|
| 380/400V - 50Hz - 3F | 440V - 60Hz - 3F |
| Amps 4,5             | Amps 4,5         |
| Power kW2,24         | Power kW2,24     |
| Phase 3Ph+N+PE       | Phase 3Ph+N+PE   |

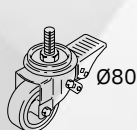
> Optionals  
Accessori  
Zubehör  
Accessories  
Accesorios

> AS80 (only for HM11)  
Higher legs  
Set gambe più alte  
Höhere Stützen  
Pieds plus hauts  
Patas más altas



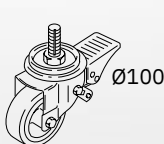
h 600mm

> AS77 (only for HM11)  
Casters  
Set ruote  
Rädchen  
Roulettes  
Ruedas



Ø80

> AS109  
Casters  
Set ruote  
Rädchen  
Roulettes  
Ruedas



Ø100

> RG  
Roller conveyor  
Piani a rulli  
Rollenbahnen  
Plans à rouleaux  
Rodillos libres



> GTL - GTR  
Extendable conveyor  
Rulliera estensibile  
Ausziehbare rollenbahnen  
Convoyeur extensible  
Rodillos extensibles

