About Symach

SYMACH as a company has grown with the help of a skilled, dedicated and reliable team of both mechanical and electronic engineers. Along with designers, sales and clerical staff all who have vision and enthusiasm for the product they build.

We are a dynamic company with a team who turn their skills into a high quality product. By designing our machines from an operational perspective SYMACH works from the main factory in Terneuzen together with a worldwide network of dealers with close factory support to serve you.

Gerard Philiisweg 8
4538 DA Terneuzen
Part nr. 1405
The Netherlands
T +31(0)115 685625
F +31(0)115 685629
www.symach.nl
info@symach.nl
The philosophy of SYMACH is that any palletizer model should operate in the same way and should be capable of producing the same level of stacking quality, whatever the speed of the model. Flexibility of the system is considered one of the key requirements.

Unlike most other palletizing systems, such as the traditional gantry systems or bag grippers, the SYMACH palletizer will stack any bag, regardless of type, individually with overlap, to ensure a neat stable pallet.

**Unique manipulator**

An unique and important feature of the SYMACH palletizer is the manipulator. Its processes each bag individually. Traditional slide valve systems or grabs occasionally stack inaccurately or even damage the packaging. With this method these problems have been overcome.

The bags glide across a smooth surface against exactly in the middle. Thus the position of the bag in the manipulator is secured and the bag is released exactly over the programmed spot. This method enables one to stack very accurately and with overlaps.

In every packing station, the palletizer has become a key component that requires a certain level of customization.

At SYMACH, a team of engineers work closely together to innovate and develop the mechanical and software applications that the market dictates.

(Your customers demand high quality presentation. Packaging materials are constantly changing and whether you are dealing with bags of pet food, grass seed, potatoes or cartons of delicate product, SYMACH are here to help. To listen to your needs and work with you to custom build a solution for new and existing machines.)

Each basic model of the SYMACH Palletizer range can be equipped with different options to dedicate the options that make the machine multifunctional and versatile.

We have experience with agricultural products and have found that this stacking method guarantees the best stability. Other stacking methods are of course also possible, the manipulator enables customers to realize the most diverse stacking patterns.

Our unique design of the head of the SYMACH palletizer is an integral part of our user-friendly machinery-software enables customers to program to a variety of stacking patterns.

### Machines

<table>
<thead>
<tr>
<th>Mach</th>
<th>2</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity:</td>
<td>13 / 15 / 18***</td>
<td>13 / 18***</td>
<td>22 / 28***</td>
<td>26 / 36***</td>
<td>31 / 38***</td>
</tr>
<tr>
<td>Stacking height:</td>
<td>2400 of 3000 mm</td>
<td>2400 of 3000 mm</td>
<td>2400 of 3000 mm</td>
<td>2400 of 3000 mm</td>
<td>2400 of 3000 mm</td>
</tr>
<tr>
<td>Touchscreen:</td>
<td>Touchscreen</td>
<td>Touchscreen</td>
<td>Touchscreen</td>
<td>Touchscreen</td>
<td>Touchscreen</td>
</tr>
<tr>
<td>Stacking program:</td>
<td>25 programs / 300 sacks</td>
<td>25 programs / 300 sacks</td>
<td>25 programs / 300 sacks</td>
<td>25 programs / 300 sacks</td>
<td>25 programs / 300 sacks</td>
</tr>
<tr>
<td>Bag weight:</td>
<td>2.5 - 25 kg and 10 - 50 kg</td>
<td>2.5 - 25 kg and 10 - 50 kg</td>
<td>2.5 - 25 kg and 10 - 50 kg</td>
<td>2.5 - 25 kg and 10 - 50 kg</td>
<td>2.5 - 25 kg and 10 - 50 kg</td>
</tr>
<tr>
<td>Pallet:</td>
<td>All pallet dimensions</td>
<td>All pallet dimensions</td>
<td>All pallet dimensions</td>
<td>All pallet dimensions</td>
<td>All pallet dimensions</td>
</tr>
<tr>
<td>Machine dimensions:</td>
<td>H = 4850 L = 4200 W = 3000 mm</td>
<td>H = 4850 L = 4200 W = 3000 mm</td>
<td>H = 4850 L = 4200 W = 3000 mm</td>
<td>H = 4850 L = 4200 W = 3000 mm</td>
<td>H = 4850 L = 4200 W = 3000 mm</td>
</tr>
</tbody>
</table>

* depending on lay-out

### Hybrid head

The optional hybrid head is a multifunctional design for bags, cartons and crates: the centralizing unit places any type of carton or crate precisely on a pallet without the drop that is used when stacking bags.

The unique design of the head of the SYMACH palletizer is an integral part of our user-friendly machinery-software enables customers to program to a variety of stacking patterns.

### Options

Each basic model of the SYMACH Palletizer range can be equipped with different options to dedicate the machine for specific key requirements, e.g. with a combination of options that make the machine multifunctional and versatile.

Specific options can be selected for the agricultural market, for stacking potatoes, onions and carrots in hessian, paper, plastic or net bags.

### Industrial applications

The industrial applications can require different options such as sheet dispensers for paper or plastic, check weighing and metal detection with bag ejection systems, bag fasteners, strippers and separators.

**Extras**

Wrapping machines, rotating arm or turntable for reverse or face fits, as well as machines to place protective corners and straps around the finished pallet are SYMACH manufactured standard machines.

In every packing station, the palletizer has become a key component that requires a certain level of customization.

As SYMACH, a team of engineers work closely together to innovate and develop the mechanical and software applications that the market dictates.

(Your customers demand high quality presentation. Packaging materials are constantly changing and whether you are dealing with bags of pet food, grass seed, potatoes or cartons of delicate product, SYMACH are here to help. To listen to your needs and work with you to custom build a solution for new and existing machines.)