

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 prospective

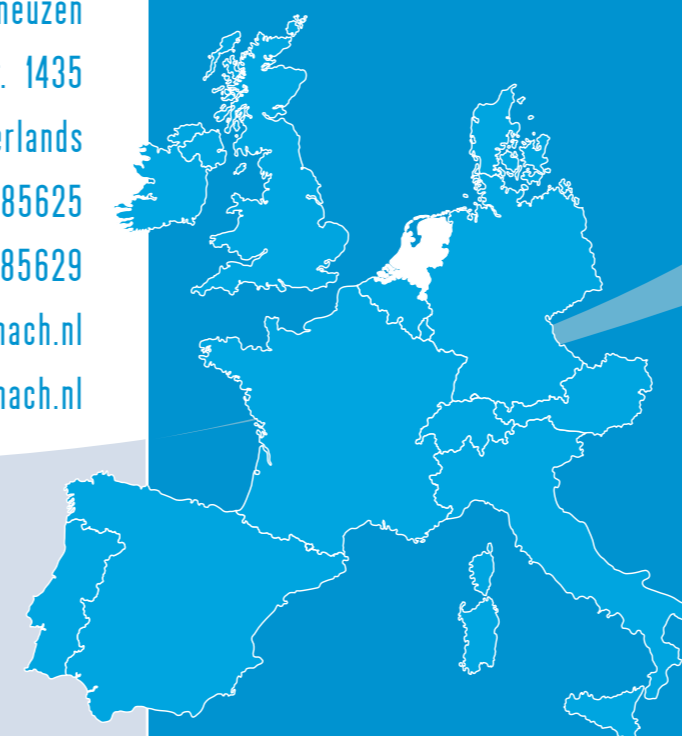
SYMACH works from the main factory in Terneuzen together with a worldwide network of dealers with close factory support to serve you.



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Machines

The philosophy of SYMACH is that any palletizer model should perform the same 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 basic 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 palletizers 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 finally become a thing of the past. For in the manipulator the bags glide across a smooth surface against a fixed final partition and subsequently are centred 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.

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Capacity :	13-15 / Minute*	19 / Minute*	22 / Minute*	26/ Minute*	36 / Minute*
Stacking height :	2400 of 2650 mm	2400 of 2650 mm	2400 of 2650 mm	2400 of 2650 mm	2400 of 2650 mm
Touchscreen :	Touchscreen	Touchscreen	Touchscreen	Touchscreen	Touchscreen
Stacking program :	250 programs / 350 sacks	250 programs / 350 sacks	250 programs / 350 sacks	250 programs / 350 sacks	250 programs / 350 sacks
Bag weights :	2,5 -25kg and 10-50kg	2,5 -25kg and 10-50kg	2,5 -25kg	2,5 -25kg	2,5 -25kg
Pallet sizes :	All pallet dimensions	All pallet dimensions	All pallet dimensions	All pallet dimensions	All pallet dimensions
Machine dimensions :	H = 4850 L = 4200 W = 3000 mm * depending on lay-out	H = 4850 L = 4200 W = 3000 mm * depending on lay-out	H = 4850 L = 4200 W = 3000 mm * depending on lay-out	H = 4850 L = 4200 W = 3000 mm * depending on lay-out	H = 4850 L = 4200 W = 3000 mm * depending on lay-out

Our experience with agricultural products has taught us 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.

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 palletiser, in combination with the user friendly machine 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 a specific job, or 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.

Stacking Cage

The stacking cage is also optional. It prevents overlapping stacked bags from gliding off one another, which would cause the load to extend beyond the pallet. By completely enclosing the bags when stacking them onto the pallet, the gliding of the bags is prevented. Thus the load maintains the desired measurements and has a nice tight appearance.

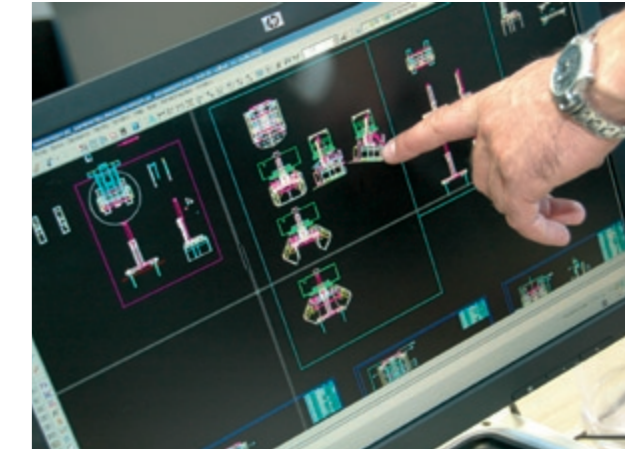


Research and Development

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 close 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.)



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 flatteners, stretchers and rotators.

Extras

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