



STATEC BINDER

highly efficient bagging and palletizing solutions

principac twin

Fully automatic high-speed packaging machine

up to

2400

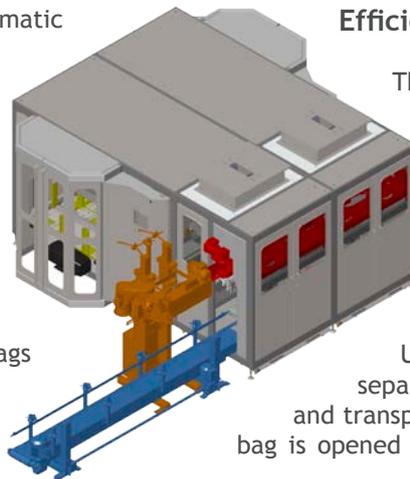
bags per hour



PRINCIPAC TWIN - doubly effective and unique in design

STATEC BINDER's open-mouth bagging system is the space saver among high-speed packaging machines. With two bag placers and filling spouts, it makes a good image, too, even if there is not much space. So it is more compact than two single machines and convinces through design and compact construction. Moreover, a proven control system ensures maximum safety and reliability.

PRINCIPAC TWIN is a fully automatic high-speed packaging machine for open-mouth bags to pack free-flowing bulk goods. It is particularly distinguished by high speed and energy efficiency, saves space and has an attractive appearance. Ideal for pre-fabricated pillow bags and gusseted bags made of woven PP (polypropylene), PE (polyethylene) or paper. Depending on the bag material and the type of bag, bags are either sewn, sealed or hot glued.



Efficiency is multiplied by two

The packaging process is relatively easy, but doubly effective. Since two filling systems being separated from one another and having single bag magazines - combined in one compact machine - fill two bags simultaneously, as they are mounted side by side. At first, each system takes every bag separately. Using vacuum suction units, the bag is separated from a stack from the magazine and transported to the opening table. Here, the bag is opened by upper and lower rows of suckers,



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Bag singling out of the bag magazin



Double bag filling spout of PRINCIPAC TWIN



Transport system for filled bags



Heat sealed PE bags on belt conveyor

passed onto the filling spout and fixed there. Meanwhile, the product is dosed and weighed by two STATEC BINDER high-performance weighers above the filling spout. Then the weigh hopper opens and the product flows into the bag placed onto the filling spout. The filled bag is gripped by two grippers and positioned on the transport conveyor behind.

The PRINCIPAC TWIN can achieve up to 40 bags per minute. As there is a common transport system, after filling, bags are cycled accordingly and taken away from the filling area. First the filled bag from the rear machine is in a waiting position and placed between the two filling spouts. During the next cycle, the filled bag from the first machine and the bag being in

the waiting position, both are conveyed from the filling area to the belt conveyor of the bag closing machine. Due to this control system, two bags are always filled together, closed and transferred to a following palletizer or loading system.

Safe and reliable packaging

The whole packaging system PRINCIPAC TWIN is divided into many individual workings steps. Each step is controlled precisely before the next one is implemented. Since the steps are sequential errors are eliminated. Thus, a packaging process of high reliability and maximum performance is achieved.

Capacity:	up to 2400 bags/hour*
Types of bags:	Pillow bag and Gusseted bag
Bag materials:	woven PP bags, Paper bags, PE-bags
Filling weight:	5 - 50 kg
Air pressure:	6 bar, constant, dry and oil free
Air consumption:	-180 Nm ³ /h
Power supply:	3 x 380 - 480 VAC, 50/60 Hz
Power consumption:	-22,0 kW

* depending on product flow ability and filling weight

