



STATEC BINDER

highly efficient bagging and palletizing solutions

circupac

Fully automatic high-speed packaging carousel



up to

1200

bags per hour



- ✓ For flour and powdered products
- ✓ Pillow bags and/or gusseted bags
- ✓ Contact parts in stainless steel
- ✓ Reliable and proven concept
- ✓ Sturdy and compact design
- ✓ 10-50 kg filling weight
- ✓ High flexibility
- ✓ CE certified



CIRCUPAC is a fully automatic high-speed packaging carousel for open-mouth bags to pack flour and powdered products. It is particularly distinguished by high speed as well as high reliability and has a modern design.

Ideal for prefabricated 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.

The process is relatively simple but very effective. Vacuum suction cups pick up the bags one by one

from the magazine and transport them to the deliver table. The bag is then moved to the filling clamp, opened, placed and fixed in position. In the meantime the product is dosed by a STATEC BINDER high-performance scale, weighed and poured through a intermediate funnel into the bag fixed by the clamp. Then the carousel moves the bag to the next station and the next filling clamp is ready for a new bag. A total of six filling stations can be installed in the carousel. The product is compressed by a bag shaker while the bag moves continuously from station to station.

At the end of the carousel, the filled bag is gripped by two gripper arms and positioned on the transport conveyor behind. From there the bag is transported into the bag closing unit.

The whole packaging system CIRCUPAC is divided into individual workings steps. Each step is controlled precisely before the next one is implemented. Thus, a packaging process of high reliability and maximum performance is achieved.



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Prefabricated open mouth bags



Model:	circupac	
Capacity:	up to 700 bags/hour*	up to 1200 bags/hour*
Bag placing:	fully automatic	
Bag feeding system:	bag magazine, system-R, tubular PE-reel	
Bag type:	pillow bag and gusseted bag	
Bag material:	woven PP bags, Paper bags, PE-bags	
Bag width:	330 - 640 mm	
Bag length:	600 - 1200 mm	
Filling weight:	10 - 50 kg	
Air pressure:	6 bar, constant, dry and oil free	
Air consumption:	~90 Nm ³ /h	~150 Nm ³ /h
Power supply:	3 x 380 - 480 VAC, 50/60 Hz	
Power consumption:	~20 kW	

* depending on product flow ability and filling weight