

circupac

fully automatic high-performance bagging carousel

up to
1200
 bags per hour



- one master servo motor
- product compaction in the bag
- continuous rotation
- easy accessibility



The CIRCUPAC high-performance bagging carousel was developed specifically for bagging flour and powdery products in pillow bags and gusset bags with a filling weight from 10 kg to 50 kg. The machine's special feature is the continuously rotating carousel. All components are precisely coordinated with each other so that the entire process can be carried out without a start-stop system and a high performance of up to 1200 bags per hour can be achieved. A compactly filled bag is achieved thanks to the extended filling time by six filling stations as well as the continuous compaction of the product by special vibratory plates. All movements are controlled by one smart master servo motor controller and they are precisely coordinated with each other.

Options:

- stainless steel execution
- bag top de-aeration unit
- 4 or 6 filling spouts
- FFS-Combi version
- ATEX execution
- bag labelling

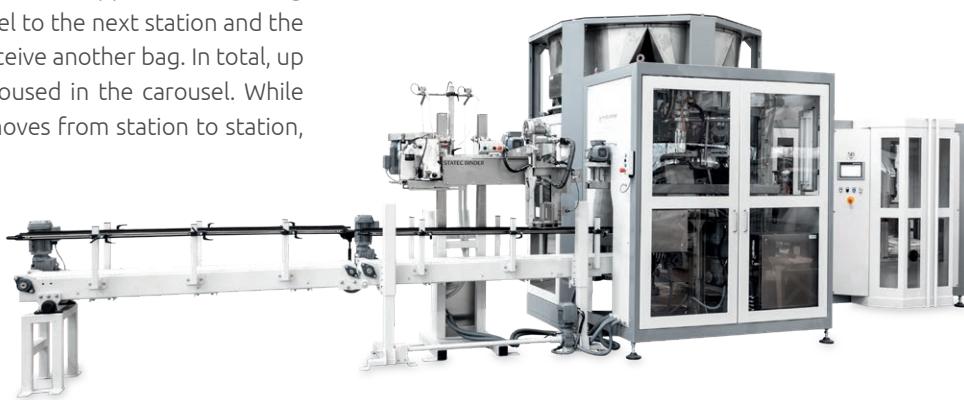


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Pre-fabricated pillow or gusset bags made of woven PP, PE or paper are separated from a stack from the magazine using vacuum suction cups and transported to the pick up station. From here, the bag is moved to the filling spout, opened, attached and clamped. In the meantime, the product is metered, weighed and poured into the bag at the filling spout via an intermediate hopper. Then the bag is transported from the carousel to the next station and the next filling spout is ready to receive another bag. In total, up to six filling stations can be housed in the carousel. While the bag always continuously moves from station to station,

the product is compacted by a bag beater. At the end of the carousel, the filled bag is grabbed by two gripper arms and placed on the conveyor belt behind it and transported to the bag sealing machine.



Technical data

Model	4 spouts	6 spouts
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 /Std.	~150 Nm ³ /Std.
Power supply	3 x 380 - 480 VAC, 50/60 Hz	
Power consumption	~20 kW	

* depending on product flowability and filling weight