



**SEAL INSIDE**  
**HAYER & BOECKER**

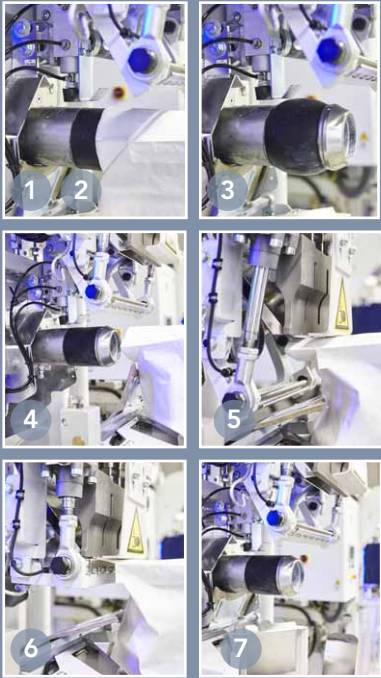


## The advantages for your customers

- SAFE
- CLEAN
- DURABLE

## How it works

- 1 The bag is automatically or manually placed on the filling tube.
- 2 The bag holder fixes the bag, a pneumatic sensor checks whether a bag is correctly placed, and whether it is in the correct position.
- 3 The activation of the inflatable sleeve seals the bag valve during filling, and ensures that no product escapes between the bag valve and the filling tube during the filling process.
- 4 After filling, the upright bag is pushed from the filling tube into the sealing position. This process ensures that no product escapes from the still open bag valve.
- 5 The ultrasonic sealing unit automatically moves to the bag valve.
- 6 The bag valve is closed via ultrasonic sealing by pressing the anvil against the Sonotrode, heating and closing the valve with a high frequency of 20,000 Hertz. The sealing time for most common types of sacks is about 0.5 Seconds.
- 7 After the sealing process, the ultrasonic sealing unit opens, returns to the initial position and releases the bag for discharge. A new cycle can begin.



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