

HAYER & BOECKER

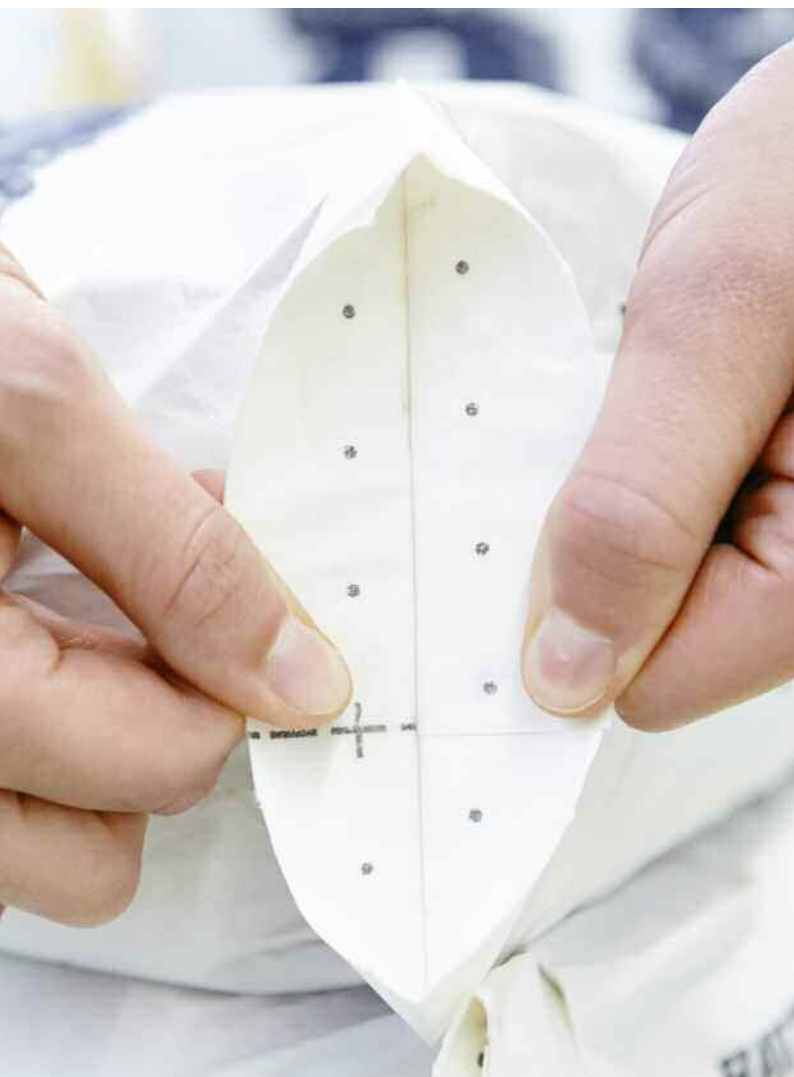


DIE MASCHINENFABRIK

SEAL YOUR BAG

CLEAN. SAFE. PROFITABLE.

Your system guide for valve bags



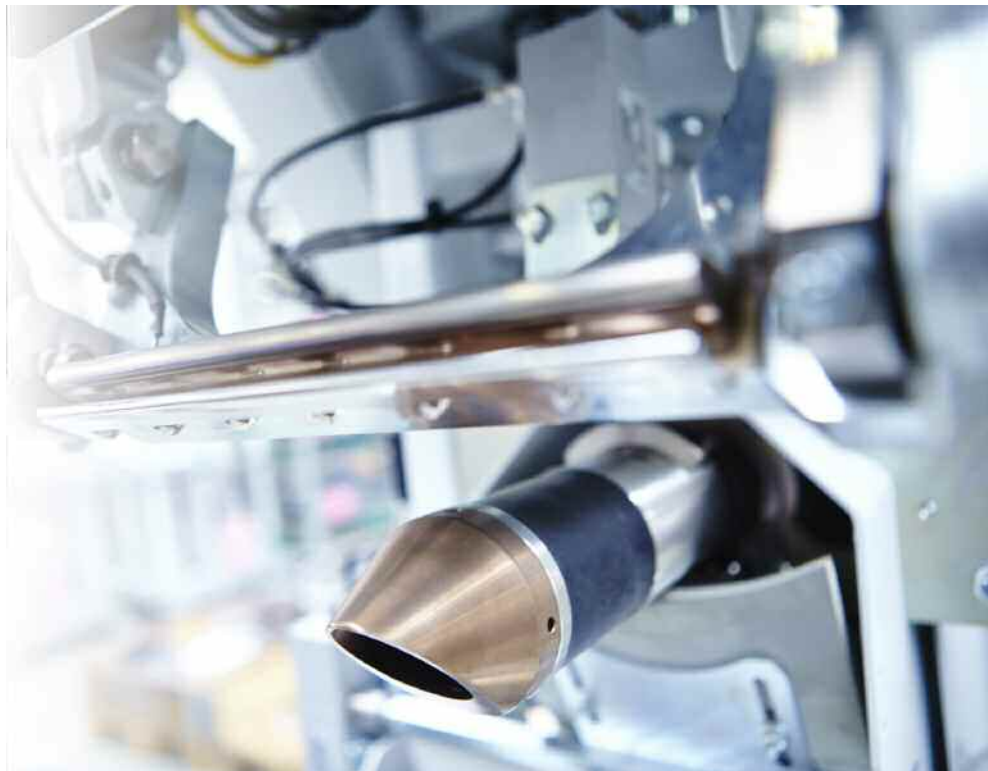
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INTRODUCTION

SEAL YOUR BAG

More and more cement and building products producers are making sure that their packages are compact, clean, completely closed and look great. As a reaction to this market trend HAVER & BOECKER introduced its SEAL Technology. The packing system was developed with one target in mind: to create a new standard when it comes to cleanliness, safety and profitability of traditional valve bag filling technology. If you want a clean, safe and more profitable valve bag, find out more about how to SEAL Your Bag. If you have further questions, please feel free to directly contact our SEAL Technology Manager:

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CONTENT

SEAL YOUR BAG

Focus:

Benefits for cement and building products
manufacturers 6

Focus:

Benefits for dealers, professionals and
private consumers 8

The technical solution: SEAL Your Bag..... 10

Your benefits: CLEAN 12

Your benefits: SAFE 14

Your benefits: PROFITABLE 16

Upgrade your HAVER Packer 18



PROCESSING STORAGE MIXING FILLING PACKING PALLETIZING LOADING AUTOMATION



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FOCUS:

Benefits for cement and building products manufacturers

- Clean, precisely weighed and attractive looking package
- Dust-free work environment promoting health & safety
- Increased process reliability for the entire packing line
- Extended shelf life
- Reduced warranty expenses due to:
 - inaccurate weights
 - product extraction/theft
 - and/or contamination

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FOCUS:

Benefits for dealers, professionals and private consumers

- Improved buying experience due to a cleaner more attractive package
- Dust-free bag handling improves:
 - Show room appearance
 - Risk of allergic reactions
 - Risk contamination
 - Product protection
- Maximized profit due to:
 - Potential of price increases
 - Longer shelf life
 - Reduced cleaning expenses
 - Minimized customer complaints
 - Reduced risk of product extraction/theft

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THE TECHNICAL SOLUTION:

SEAL Your Bag with SEAL Technology

The SEAL technology prevents material loss as an inflatable sleeve in a specially designed filling spout inflates during the filling process. After dust-free filling, the bag is carefully extracted from the spout and the specially designed bag valve is welded shut by an ultrasonic sealing system. Most producers see a payback on their SEAL technology investment in less than 12 months.

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YOUR BENEFITS:

CLEAN

The result is an absolutely compact and clean bag which excellently and attractively presents your product and your company. The SEAL technology assures clean filling and prevents product loss across the entire supply chain: from bag discharge at the filling spout, through transport and during stocking.

From the end-consumer's point of view, the bag/package automatically reflects on the quality of the producer's product and process quality, his plant and his environmental conscious. In other words, clean bags do not only reflect image of the product, but also that of the producer, who manufactures, fills and sells it. The packaging's quality radiates the producer's positive image to the market, his customers, competitors and even his own employees. This leads to considerable product marketing benefits.

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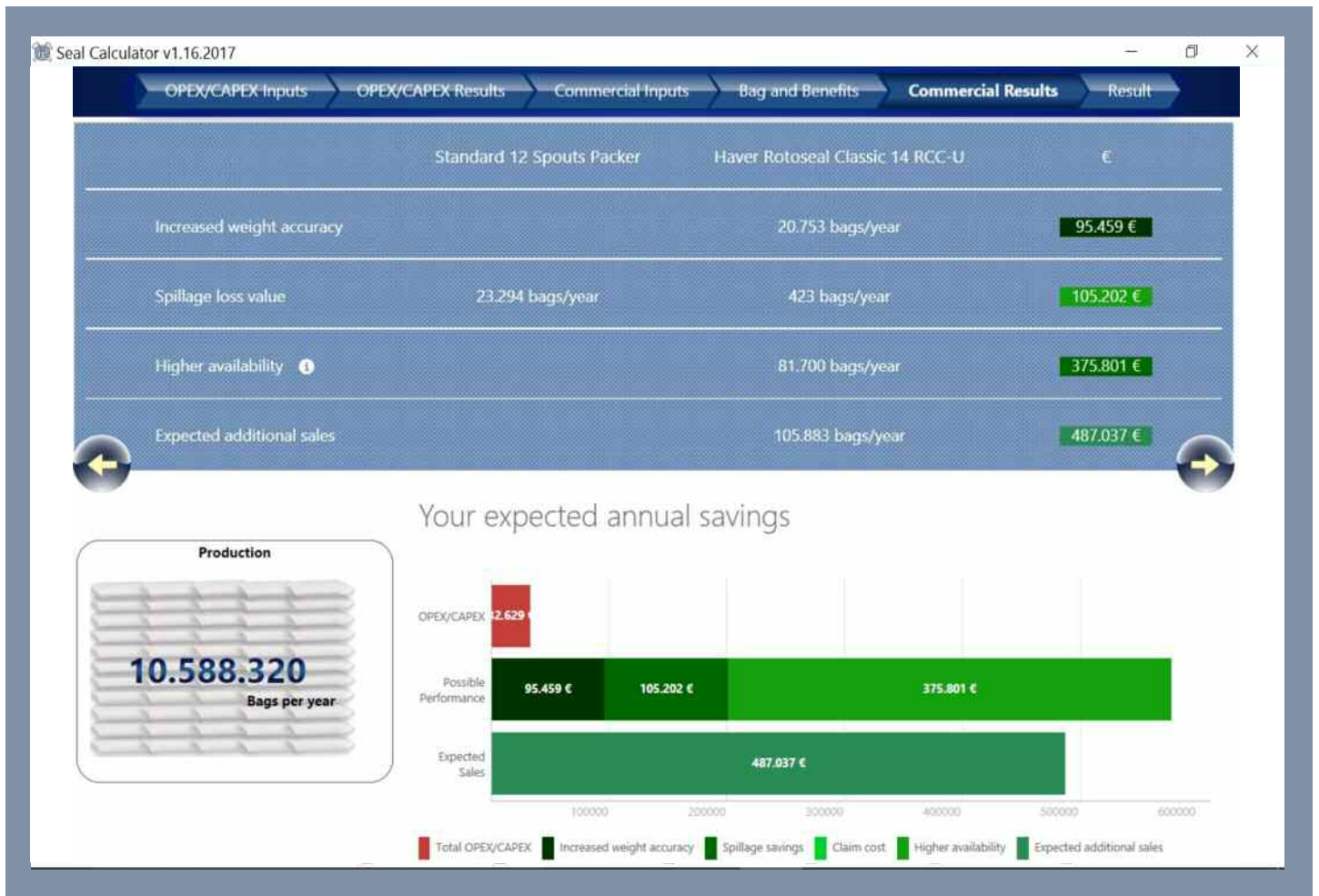


YOUR BENEFITS:

SAFE

The completely sealed shut bag creates a safe package that protects the environment from possible contamination during filling, transport and storage. It also protects you and your customers' from the risk of product contamination, extraction and criminal motivated theft. The clean SEAL package provides for a dust-free work environment, which provides a much increased standard of health & safety for your plant and most importantly your and your customers' people.

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YOUR BENEFITS: **PROFITABLE**

Clean and safe packages lead to the potential of differentiation to other competitors. This in return allows you to increase the asking price of your product without losing sales, on the contrary. Clean filling leads to less wear & tear in the entire packaging plant, it's machinery and any downstream equipment. The expenses for maintenance, repairs and cleaning drop significantly and the machine availabilities are greatly increased. This results in higher, more constant

capacity utilization and reduced operating costs. The completely shut bag and associated weight accuracy prevents product loss during the entire transport without the need to overfill the bag as compensation. The resulting additional product gains are significant. While in the past producers wasted product during production, today they are able to sell close to 100% of the product, they invested so much money, energy and personnel in making. In order to calculate the exact profit gains you will achieve in using SEAL, simply ask us about your personal SEAL calculation.

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UPGRADE YOUR **HAYER PACKER**

If you already have a HAYER ROTO-PACKER®, INTEGRA®, ELEMENTRA® or Inline packer – great news. The SEAL technology can be retrofitted to all existing valve bag HAYER Packers procured after the year 2000.

This eliminates the need to replace the entire machine and reduce your investment requirement. In order to find out how this works exactly, simply contact us and ask us about our SEAL upgrade kits.

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