

HAYER & BOECKER



**ADAMS® 2000
HIGH-SPEED FILLING FOR POWDER-TYPE
PRODUCTS INTO PE-BAGS**

ADAMS® 2000: HIGH-SPEED FILLING

Since the introduction of the HAP® technology – the environmentally gentle filling of powder-type products into weather-tight PE bags – one can say that the market has recognised the advantages of optimum product protection, extended shelf-life capability, more cleanliness throughout the entire supply chain, and more durable packaging in general. Now customers can profit from the significantly higher speeds of ADAMS® 2000, the newest member of the HAP® range.

ADAMS® 2000 is a new high-performance member of the HAP® range.

Now that the market demands for weather-tight, compact PE bags for powder-type products at 1200 bags/hr have been successfully fulfilled by the ADAMS® and BENJAMIN® systems using FFS bags, HAVER & BOECKER is now taking the next step towards high performance with ADAMS® 2000. ADAMS® 2000 can handle 2000 bags/hr. This speed is possibly world-record-setting and is

reached using a continuously running system. Bag application and removal are synchronised with continuous packing operation.

Depending on the requirements at hand, the system can be outfitted with up to 12 filling spouts. The challenge comes with handling highly flexible plastic films. The complete process, which starts with applying the empty bag to the filling spouts and ends with the removal of the filled sealed bag from the bag-sealing unit, is organised so that monitoring the bag is possible at any point.

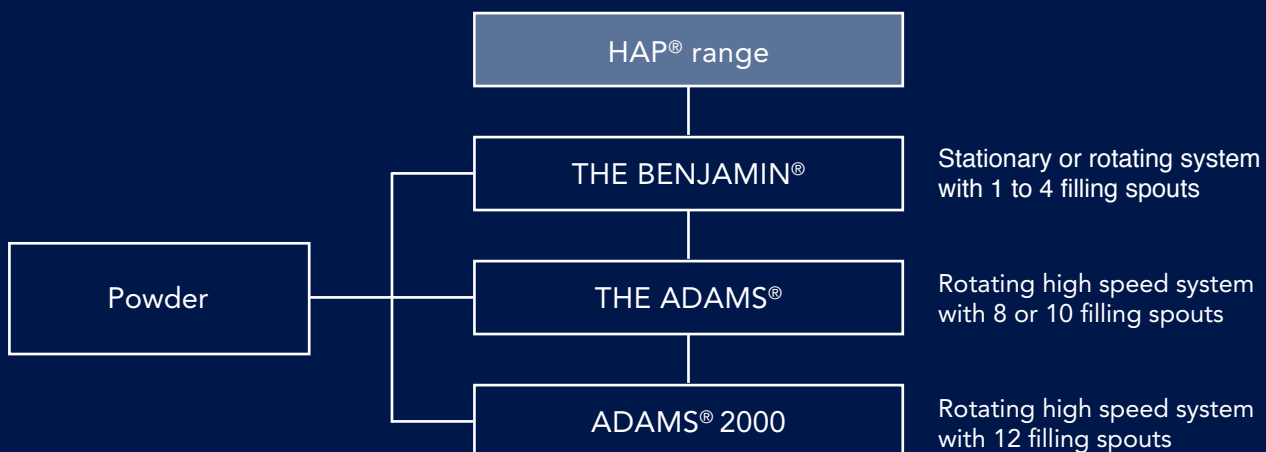
The transfer of the empty bags to the filling modules is done by a fully synchronised bag application module which automatically matches up with the packing speed, and so places the opened bags precisely on the filling spouts.

Air-filling or turbine units equipped with the gross-weight weighing system may be used as the filling system. For compacting the product, interior and bottom vibration units

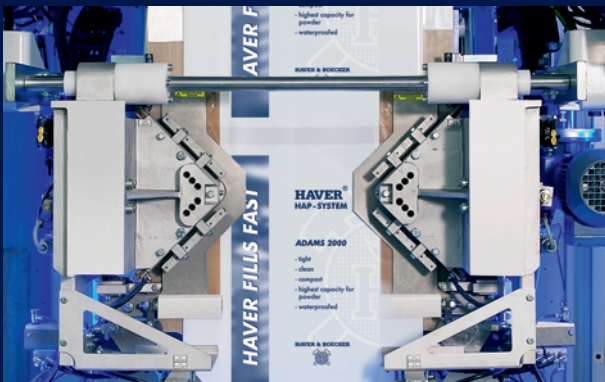
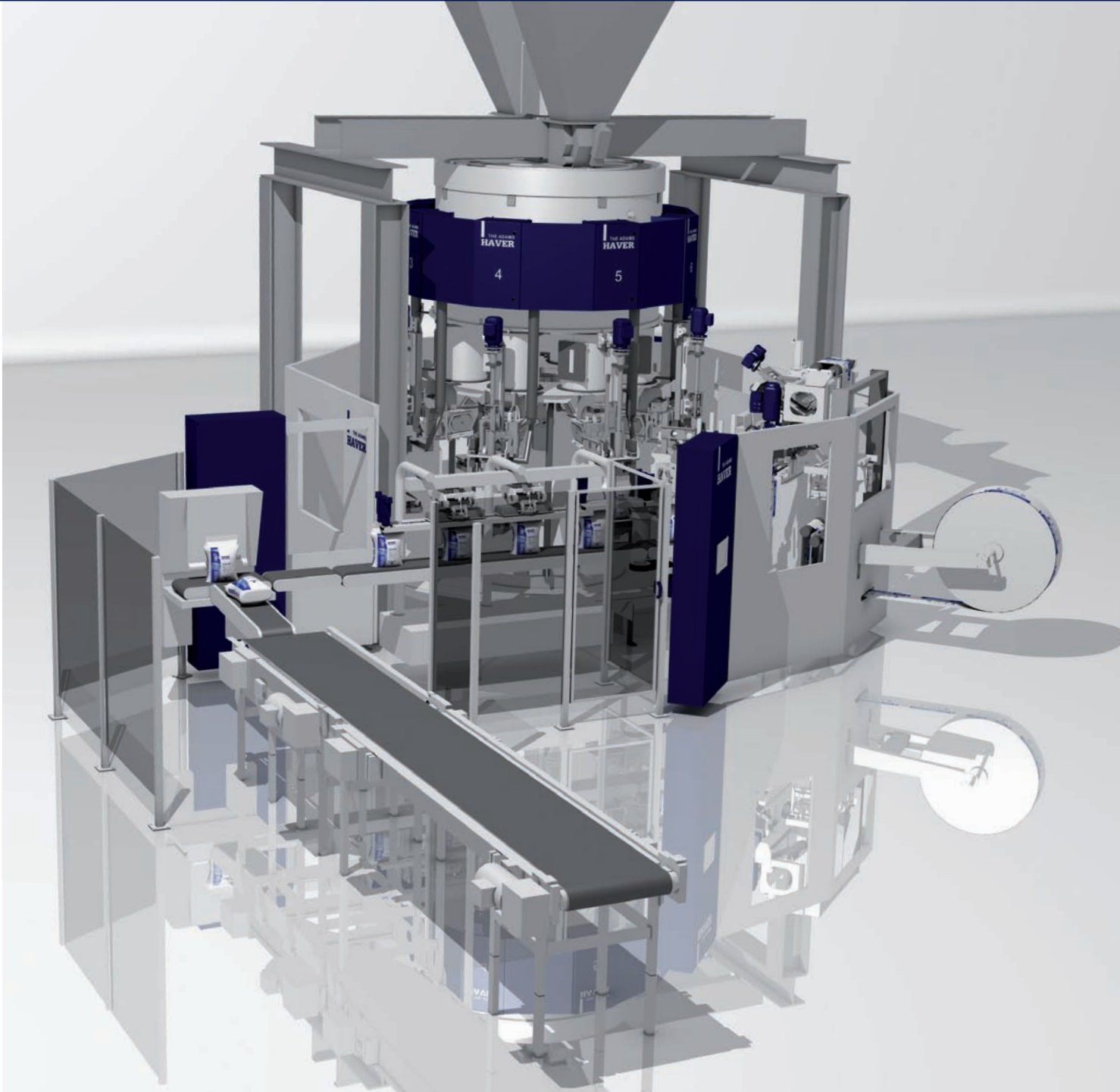
may be used and can be matched to meet product characteristics. Thanks to the linking between product compaction and the gross weigher, it is now possible to achieve outstanding weight accuracy. This all results in a package that is optimally filled using a minimum amount of film material.

Transfer of filled, compactly packed bags is also done via a fully synchronised system that removes the bags from the filling spout and transfers them directly to the sealing station. Also here automatic match-up to production speed has been integrated.

The sealing of vertically positioned bags is synchronised during conveyor transport, on the way to equalisation. During high speed filling, two functionally-proven, low-maintenance impulse welding systems work to ensure a tightly shut bag.



FOR POWDER-TYPE PRODUCTS INTO PE-BAGS



Corner welding for boxshaped bags – easy to stack



HAVER Reel Changer: Double or triple ideal for product varieties and minimized set-up times

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