

## Lined Containers, the next step in Bulk Material Handling!

Over the last couple of years, the bulk handling industries have been looking for more economic ways of handling large quantities of bulk materials. The first step has been the use of Big Bags instead of 25kg bags.



### Lined Container transport

Nowadays more companies are looking to minimise handling- and logistic costs even further. Transporting bulk material in standard lined containers seems to be a very effective solution for this purpose.

The bulk material producer fills his product in a standard 20 – 40 foot container, which simplifies transport (both over road and sea). The end-user empties the container, disposes the liner coming from the container, and the empty container is returned to the container depot. Filling- and discharging times for a 20 foot container vary between 60-90 minutes, while operated by one person.

This all sounds very simple, however, filling- and discharging of these lined containers requires some specialized equipment.



### Smart combination

TBMA has always monitored the developments in the bulk material world very closely. Enabling them to design container filling- and discharging equipment combining both proven technology (rotary valves, pneumatic transport) and cutting edge design (special clip-on frames, mobile blower systems etc.)

For these systems it is of great importance that air leakage, line pressure and rotor speed are carefully balanced. Additional equipment like reverse jet filters, de-aeration hoppers are available to accommodate a fully balanced system.

As this part of the market is still in the maturing process, strict standards are not yet set. The execution of installation is strongly dependent of the customers' process conditions. TBMA strongly emphasises the importance of a careful selection of the execution of the rotary valve, bearing the product properties in mind.

With more than 40 years of experience in building and applying rotary valves and pneumatic conveying, TBMA will be happy to study your container filling- and or discharging application and propose the best possible solution.



# www.tbma.com

For more information:

TBMA Europe bv, P.O. box 140, NL-2210 AC Noordwijkerhout-Holland  
E-mail: info@tbma.com Tel.: +31(0) 252 37 50 68