

PRODUCT HANDLING

MAIN CHARACTERISTICS AND ADVANTAGES

- ✓ Tailored solutions: perfectly fitted on product, process and available space
- ✓ Gentle product handling
- ✓ Minimal product breakage, accurate dosing
- ✓ Compact, solid and reliable
- ✓ High efficiency and low running costs
- ✓ Safe and User friendly
- ✓ Perfectly integrated in the process



TECHNICAL FEATURES

- ✓ Construction in AISI 304 S.S. or in painted carbon steel
- ✓ Gentle handling of delicate products (i.e. shelled kernels)
- ✓ Tailored solutions

PERFECT FOR

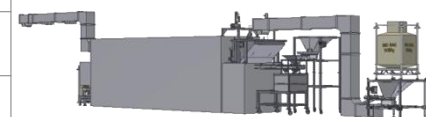
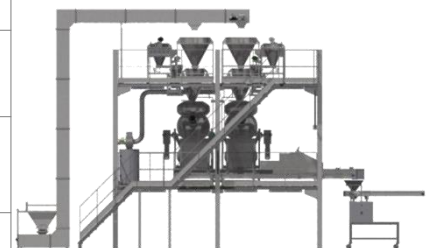
- ✓ In-shell or shelled dried nuts
- ✓ Seeds
- ✓ Cocoa beans
- ✓ Cereals
- ✓ Granular material in general
- ✓ Packed products
- ✓ ...

DESCRIPTION AND WORKING

Sometimes product handling is erroneously pushed into the background, compared to other pieces of equipment in a process line, but Brovind is aware that it's far more than storing, transporting, buffering and dosing and shall never be neglected. Product handling equipment transform a group of machines into a successful, organic and harmonic process line. This means that the product is handled in a convenient manner so that the process flows smoothly and there are negligible losses due to breakage of the kernels as consequence of the transport line, the dosing is accurate, the space requirement is optimized with the space available and the energy consumption is reasonable.

Brovind does know very well this points, thus we always dedicate great amounts of resources and pay close attention to the design and construction of the best handling solution for each single process line. We consider product handling as an integral part of the core of the process and not accessory to it. Then, product handling equipment receive the same acknowledged attention and care that Brovind bestows to the other process equipment of its production range. Today, Brovind product handling equipment is one of the most complete and technologically advanced range of solutions available on the market.

TECHNOLOGY	FEATURES
Storing / Buffering	<ul style="list-style-type: none"> ✓ Minimal product breakage thanks to specific devices ✓ Easy to clean ✓ Level and/or weight control (OPTION)
Screw Conveyors	<ul style="list-style-type: none"> ✓ Low investment and running costs ✓ Suitable for volumetric dosing ✓ Suitable for heavy duty
Belt Conveyors	<ul style="list-style-type: none"> ✓ Extremely cost effective ✓ Versatile and flexible ✓ Suitable for long distances and high quantities
Vertical Bucket Elevators	<ul style="list-style-type: none"> ✓ Suitable for bulk in-shell products ✓ Perfect to cover big differences in height with very low footprint
Pivoting Bucket Elevators	<ul style="list-style-type: none"> ✓ Modular construction and easy to clean ✓ Available in multiple configurations and with multiple loading and/or unloading points ✓ Perfect for delicate product
Vibrating Channels / Cross Feeders	<ul style="list-style-type: none"> ✓ Negligible maintenance issue ✓ Accurate dosing ✓ Not affected by continuous start/stop
Pneumatic Transports	<ul style="list-style-type: none"> ✓ For kernels to be further chopped or for powdered products ✓ Suitable for non linear paths ✓ Minimal space requirement



Technical data may be subject to change without notice. Brovind reserves the right to apply any modification to improve aesthetics, efficiency and safety.

