



FOOD

CHEMICALS

ENVIRONMENT



Van Beek

THE STANDARD IN SCREW CONVEYING

For transporting solids such as powders, granules, pellets and flakes to ensure an optimal production process, you can count on Van Beek screw conveyors to do the job! We have the knowledge and expertise to resolve all these technical challenges. Our screw conveyor systems are used in the food, chemical and environmental sectors, with a product range that consists of two complementary special production lines, the Dino bulk truck loaders and the Celsius screw heat exchangers.

Hygienic and accurate solutions

The food industry is arguably the most sensitive sector. Our advanced systems meet the highest standards of hygiene, inspection, cleaning, traceability and with complete documentation.

Reliable continuous process

Inspection and cleaning routines often cause disruption to the production process. Van Beek's screw conveyor systems optimize and simplify these processes. In addition, our screw conveyors are virtually dust-free and guarantee a clean production process.

Latest technology

The Netherlands is one of the most progressive countries for recycling and care for the environment. The food industry is constantly changing and continuously requires new solutions. Van Beek responds with proprietary developments and by being a leader in innovation.

vanBeek

THE STANDARD IN SCREW CONVEYING

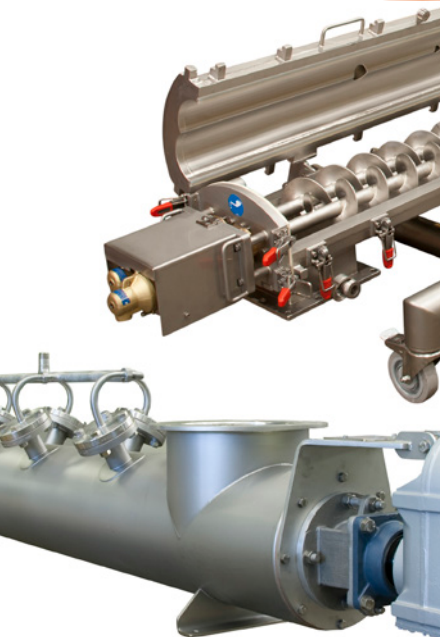
Efficient loading technology for bulk goods

The Dino bulk truck loader is a heavyweight in its class, with endless possibilities. Bulk trucks are easy to load with the contents of big bags, bagged goods or containers. Even loading loose bulk goods using a shoveller is not a challenge.

More information:

www.dinobulktruckloader.com

Dino
BULK TRUCK LOADER
BY VAN BEEK



Thermal screw conveyors

Heat, dry or cool products efficiently and optimize your thermal process with our Celsius screw heat exchanger. If you want to dry egg shells, to cryogenic cool powders or mix solids and fluids, choose the most appropriate application for an optimal result.

More information:

www.celsiusprocessing.com

Celsius
SCREW HEAT EXCHANGERS
BY VAN BEEK

Van Beek endeavours to improve your production process with innovative solutions. Please contact us to find out more about all the options that we offer.

The standard in screw conveying

- Hygienic and accurate
- High quality
- Continuous process
- Latest technology
- Customized

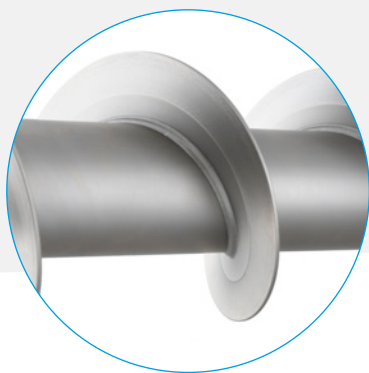


FINISH LEVELS STAINLESS STEEL

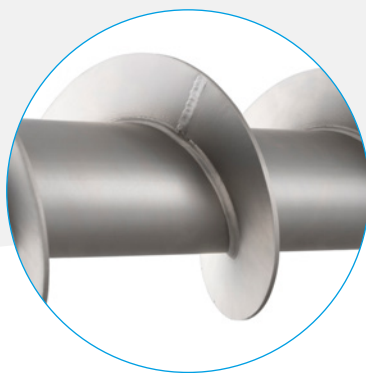
Van Beek uses seven standard finish levels. There are two options within these finish levels; a rolled screw or a screw composed of separate screw blades. Unless otherwise agreed one of the following finish levels or a combination of these applies.

A rolled screw has a tapered blade thickness. Using a specific rolling process developed in-house the screw blade is rolled/clamped directly around the inner tube which gives a very dimensionally stable product. Because the starting material runs between two conical rollers, the blade thickness runs from thick on the inside to thin on the outside. This has no adverse effects for construction.

A screw composed of blades has a constant blade thickness. These screw blades are cut with a laser or plasma cutter from sheet material and then pressed by a hydraulic press to the right pitch. Finally the screw blades are welded onto the tube.



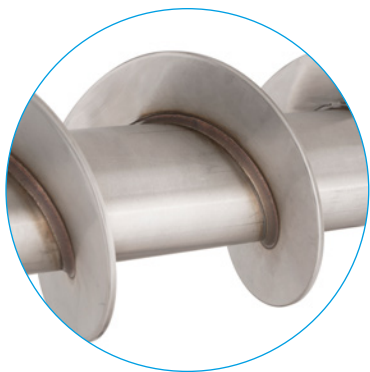
A rolled screw



A screw composed of blades

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THE STANDARD IN SCREW CONVEYING

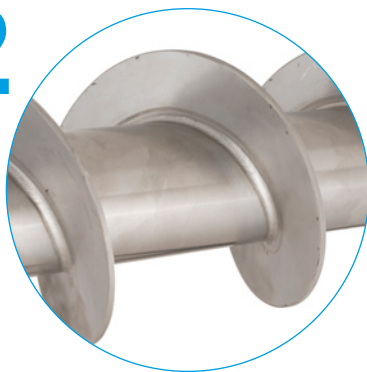
1



Finish Stainless Steel-1

- Untreated
- Completely unsanded

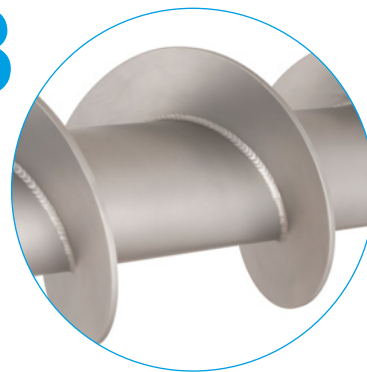
2



Finish Stainless Steel-2

- Completely pickled/passivated
- Completely unsanded

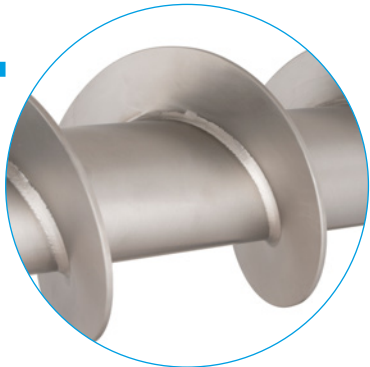
3



Finish Stainless Steel-3

- Glass bead blasted
- Weld seams unsanded

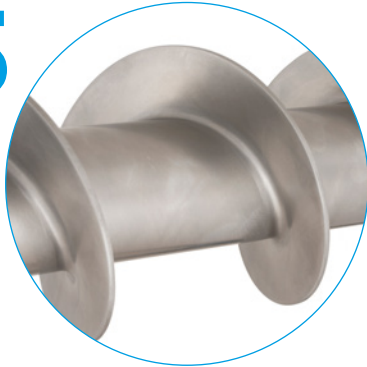
4



Finish Stainless Steel-4

- Wet blasted
- Weld seams unsanded

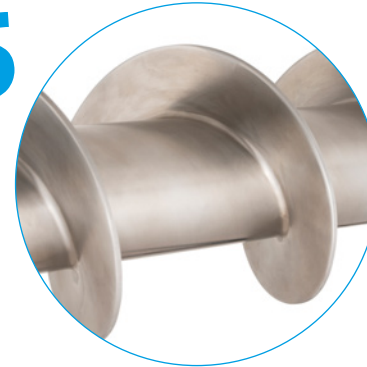
5



Finish Stainless Steel-5

- Ra value < 1.6 µm
- Non-directionally sanded (incl. weld seams)

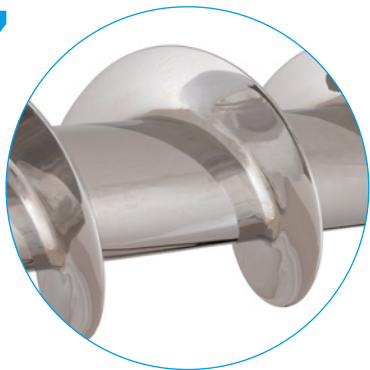
6



Finish Stainless Steel-6

- Ra value < 0.8 µm
- Non-directionally sanded (incl. weld seams)

7



Finish Stainless Steel-7

- Ra value < 0.05 µm
- Non-directionally sanded (incl. weld seams)
- High gloss polished

Van Beek would be pleased to improve your production process with innovative solutions. Contact us to explore the options.

TEKEMAS

OUR SCANDINAVIAN PARTNER

vanBeek
THE STANDARD IN SCREW CONVEYING

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