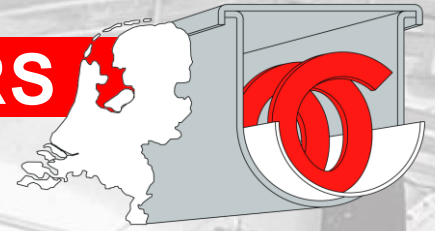
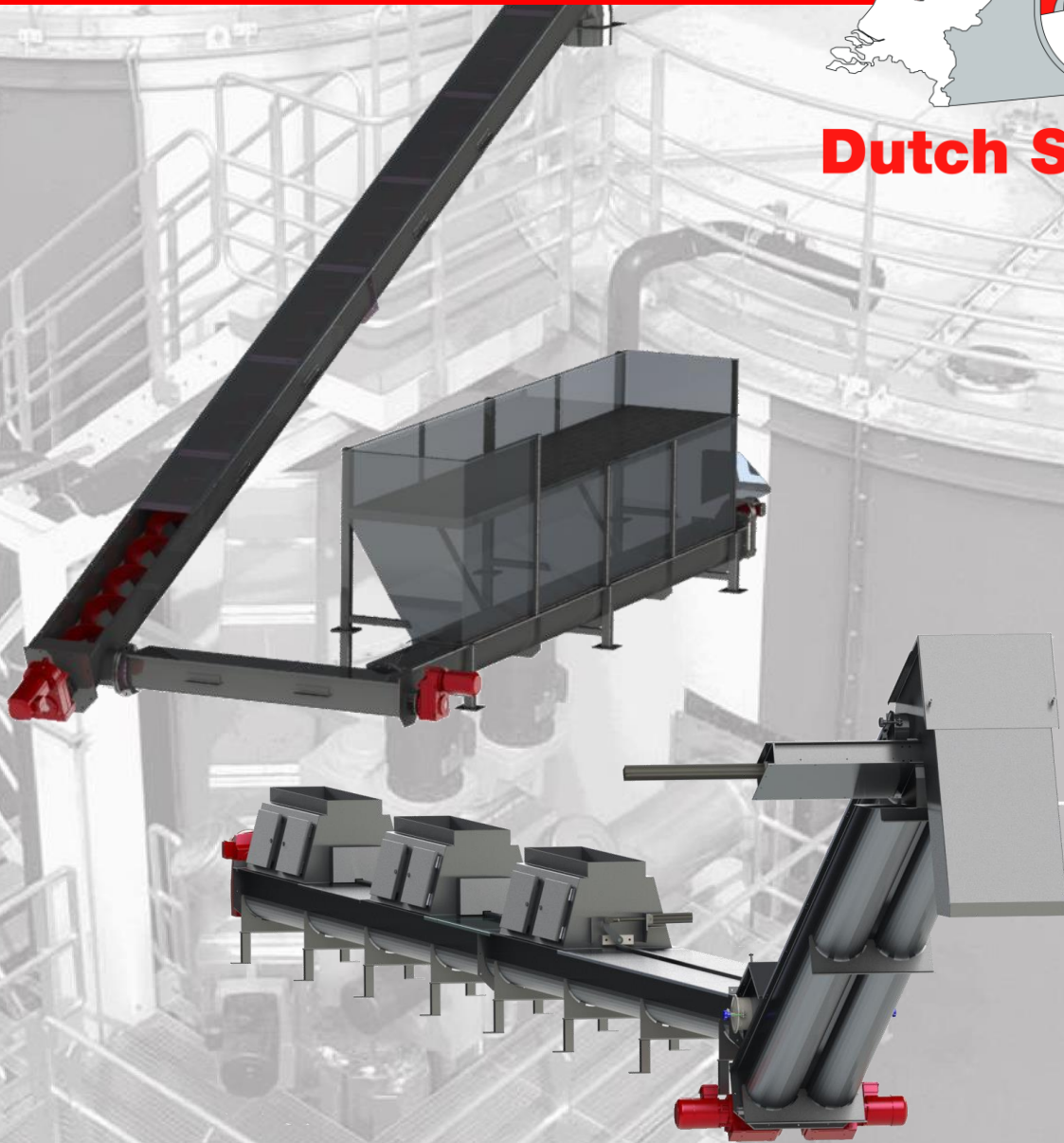


SPIRAL CONVEYORS



Dutch Spiral



BENEFITS

SIMPLE AND ROBUST DESIGN

FULLY SEALED LIDS TO MINIMISE ODOUR

SPACE SAVING

SHAFTLESS SPIRAL PREVENTS MATERIAL BUILD UP

TRANSPORTS WET, STRINGY, STICKY MATERIALS

LOW OPERATING COSTS DUE TO DIRECT DRIVE WITH LOW POWER CONSUMPTION

LOW WEAR AND TEAR DUE TO LOW ROTATIONAL SPEED

DESCRIPTION

Spiral conveyors are developed and designed for efficient and effective transportation of various materials including wet, stringy, sticky materials. The main advantage of implementing spiral conveyors is to achieve **maximum reliability** and **minimal maintenance**.

Spirals have no shaft which **prevents material built up** and our fully sealed lids **minimise odour nuisance**. Spiral rotations are kept to a maximum of 30 rpm, which results in **low wear and tear due** to the slow rotational speed.

The shaftless spiral is **directly connected** to the gearbox. This provides great advantages because the spiral is the only moving part which is in contact with the material.

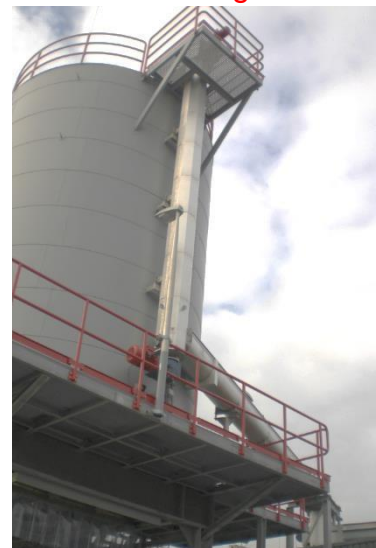


Horizontal and inclined conveying

Dutch Spiral builds horizontal and inclined shaftless screw conveyors. Our inclined conveyors have a maximum inclination of 30 degrees. The design of transportation can be either **pushing or pulling** depending on the situation and the type of material.

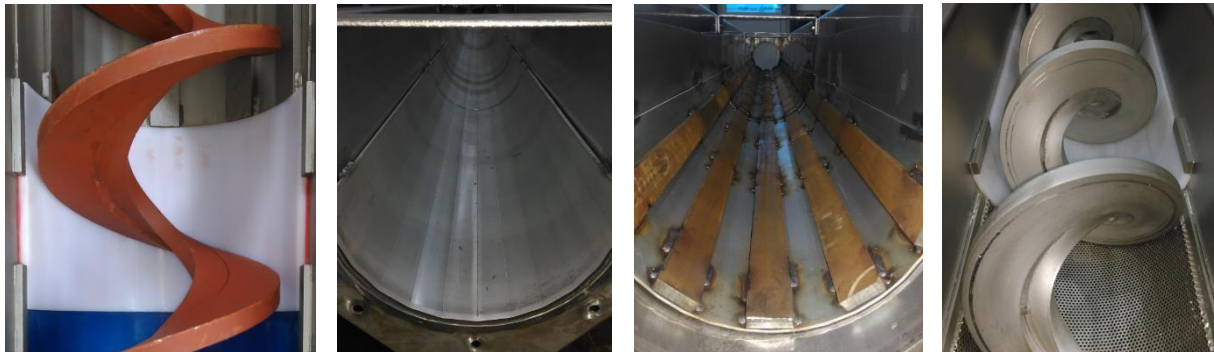
Vertical conveying

Vertical shaftless screw conveying is also within our program. Our vertical conveyors have a special design and are specially made for **inclinations of 30 to 90 degrees**.



Trough Liners

The spirals weight is carried by lining which covers the inside of the troughs. Depending on the type of transported material Dutch Spiral has range of different types of liners. Our range includes **more than 15 different types** from Ultra High Molecular Polyethylene with **wear indication** to high performance wear resistant steel. Our **experts** can help you in choosing the right material for the job.



Sizing and Materials

In addition to our standard dimensions we can manufacture a range of over **800 different** diameters of spirals as well as pitches. This helps us be flexible in making custom fits, but also in **replacing existing spare parts**. Our spirals are standard made of a **special steel**, but are also available in Stainless steel 304 and 316 variations.

Our troughs can be made out of Stainless steel 304 and 316, Carbon steel or HotDipped Galvanized.

Configurations

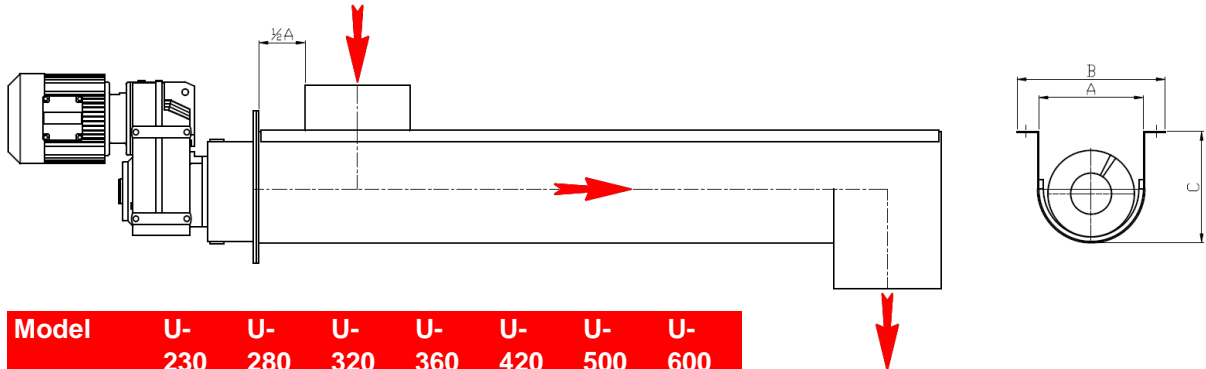
In addition to our horizontal and vertical conveyors we produce the following products which are generally equipped with our spirals.

- Live-Bottom Feeders
- Screenings
- Washers/Compactors
- Grit Washers / Classifiers
- Shaftless Screw Containers
- Discharge slide gates



STANDARD SIZING AND TECHNICAL INFORMATION

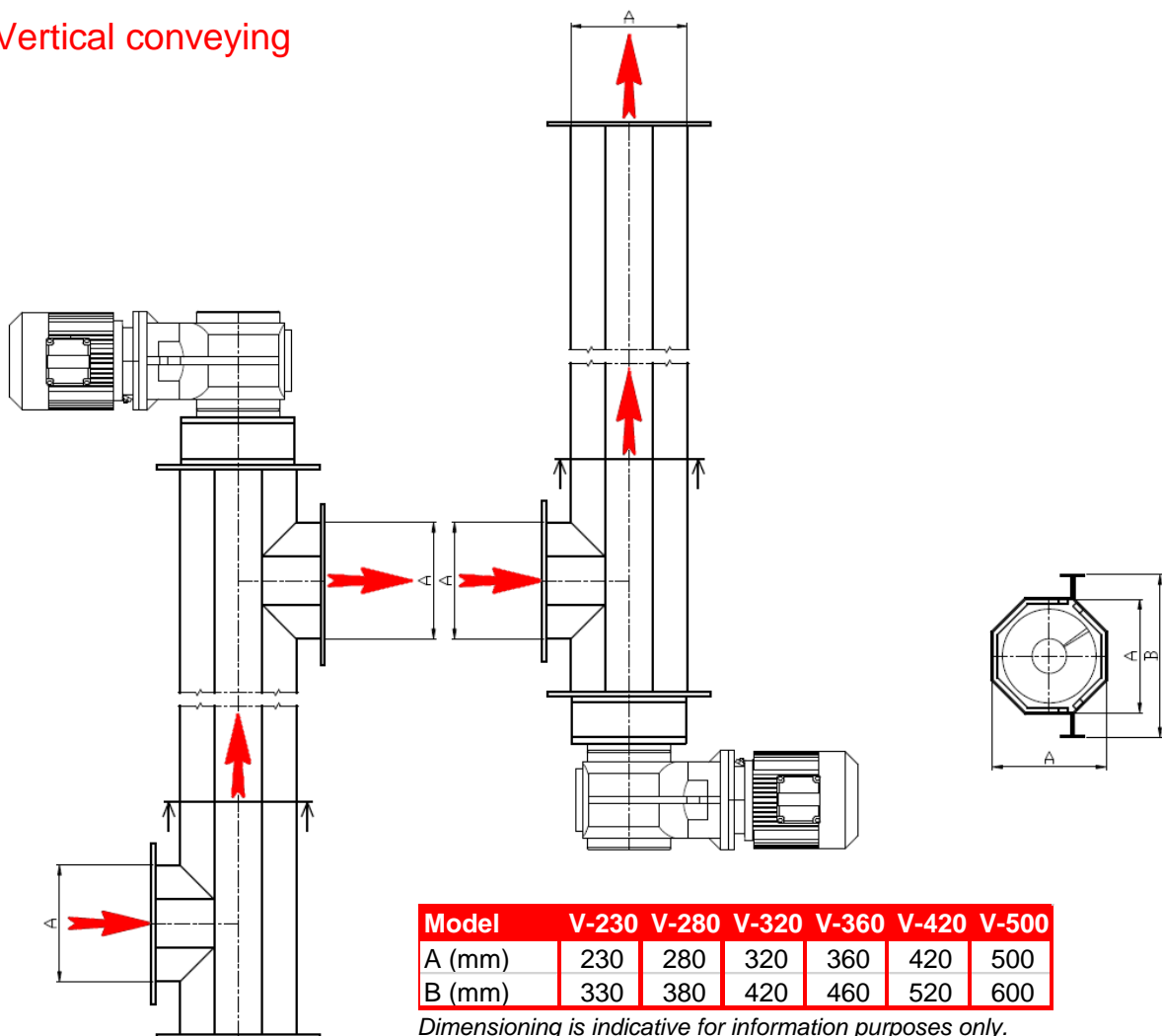
Horizontal conveying



Model	U-230	U-280	U-320	U-360	U-420	U-500	U-600
A (mm)	230	280	320	360	420	500	600
B (mm)	326	376	416	456	516	596	696
C (mm)	245	318	340	380	430	530	610

Dimensioning is indicative for information purposes only.

Vertical conveying



Model	V-230	V-280	V-320	V-360	V-420	V-500
A (mm)	230	280	320	360	420	500
B (mm)	330	380	420	460	520	600

Dimensioning is indicative for information purposes only.

DUTCH SPIRAL

Dutch Spiral is a **family-owned** company located in the Netherlands. Our **key product** is the fabrication of **spirals and products in which they perform**.

Dutch Spiral's strength lays in making custom fit, affordable, high quality products. If the standard size is not suitable, our flexibility allows us to provide you with a **custom design**. Options are **unlimited** and our sales engineers and engineering department are expert at making the right **creative solutions**.



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