

VA - SPIRAL CONVEYOR

***For conveyance of
bulk material***



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PROCESS DESCRIPTION

Integral part of the VA - Spiral Conveyor is the shaftless spiral. Its quality is our prior concern - we use our supplier's bespoke manufacturing software for its production. The spiral is made from stainless steel, other materials are available on request. The spiral glides in a U-shaped trough on an abrasive support whose material is perfectly suited to its specific application (steel rails, plastic, special rubber). Thus, it is possible to support the conveyor from only one side - even with working lengths of up to 40 m per device.

The U-trough is made from stainless steel 1.4301 - (other materials are available on request) and are completely hygiene-capsuled. Feeding can take place at as many places on the spiral conveyor as you wish. Also, lateral feed is possible through

direct connection without any constructive height-loss. Apart from the axial dropping chute, one or more vertical dropping chutes can be mounted. The maximum installation angle for VA - Spiral Conveyors in the U-trough is 40°. Furthermore, pipe conveyors are used with various materials can be transported up to an angle of 90°.

In basic specification, the devices are equipped with single spirals. For greater conveying amounts and/or higher installation angles than 15°, spiral blade heightenings are used. Standard flat-gear motors are used for actuation, which are adjusted to the specific application in terms of revs and power output. Using VA - Spiral Conveyors brings along vital advantages compared to conventional conveying devices: The shaftless design of the spirals prevents obstructions. Transport of material with alternating chunk-sizes is no problem. Maintenance and mending work are reduced to a minimum and the hygienic conditions of your conveying equipment are considerably improved.

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