

## Flexible screw conveyor DMR :

The flexible screw conveyor DMR is designed to transfer a powdered product between two points. It is installed downstream of a feeder or a container and transfers the dosed product to the feeding point. The conveyor can be inclined from 0° to 90°.

The type of conveyor and the maximum length are determined according to the product and the flow rate. A conveyor can range from 1 to 20 meters.

In case of long distance or special installation, it is possible to install one or more conveyors in relay.

## Advantages :

- Fully mechanical device
- Sealed operation
- Direct relay without intermediate hopper
- No maintenance
- Low installed power
- Easy to assembly
- Simple control system
- Facilitates the general installation of the system
- Easy to take samples for flow control

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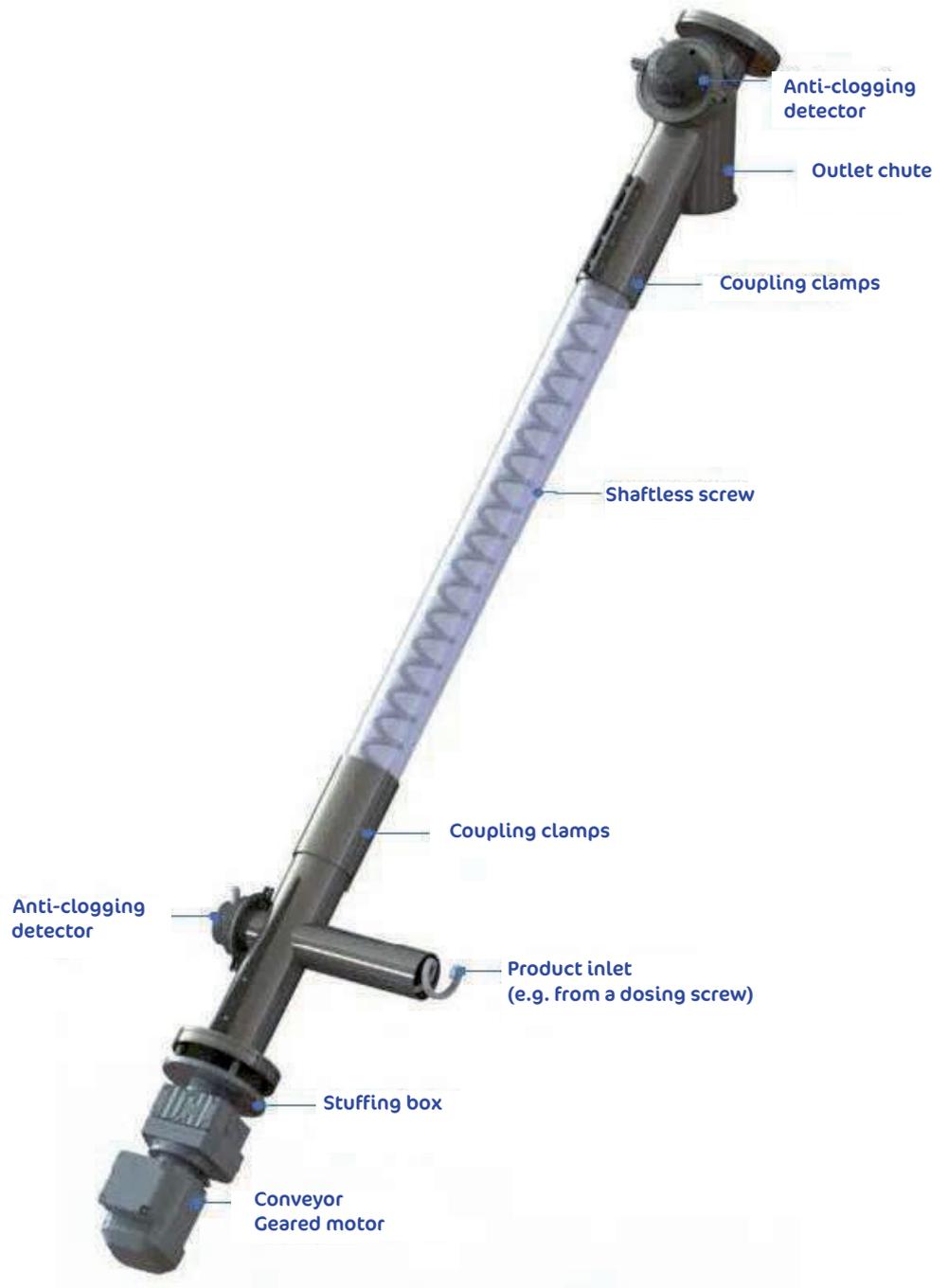
Waste water



Drinking water



Air & smoke





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The device consists of a sealed tubular assembly with an upstream inlet chute for the product to be received and transferred to a downstream evacuation chute equipped with an anti-blockage detection.

A transfer spiral rotating at a fixed speed regularly conveys the product into the tubular assembly.

Due to its low filling coefficient, the conveyor allows longer transfer lengths.

The DMR conveyor can be installed above, below and around existing installations. It can be easily maneuvered and positioned close to obstacles to optimize available space.

Sodimate offers a complete range of powder handling equipment which are usually coupled with DMR conveyors.

