

The logo for Transitube, featuring a red stylized 't' icon followed by the word 'transitube' in a red, lowercase, sans-serif font.

Since 1961

Conveying Powder transfer





THE TRANSITUBE

The Transitube consists of a large helical spring, called a **“flexible screw”**, rotating in a tube made of polyamide, 100% bio-sourced, Food grade and/or anti-abrasive, stainless steel, antistatic.

The spiral, made of a special steel - offering a balance between elasticity and strength - rotates at speeds of **up to 1500 rpm** for a centripetal force effect to keep centering the flexible screw between the internal part of the tube and a constant shape of product.

Specially designed for the **transfer of powdered or granular products**, its design and operation protect the product being transported from demixing and external contamination, while respecting the integrity of your material.

A range of systems has been standardized although each Transitube piece of equipment can be tailor-made to adapt the different criteria that make up your process.

It is designed and calibrated according to your powders and their behaviour.

- Can be adapted to all grain sizes, densities, etc.
- Responds to different environments
- Carries cold, hot, sticky, flaky, friable / abrasive products...

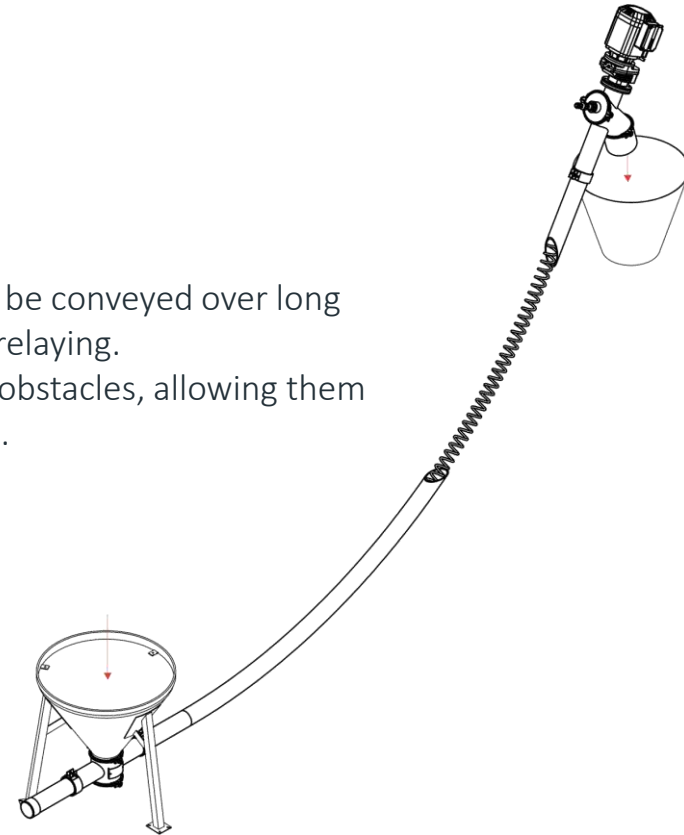




SIMPLE CONVEYING



The **T14 system** allows "easy flow" powders to be conveyed over long distances on the ground and vertically before relaying. The T14s are flexible and thus bypass existing obstacles, allowing them to be installed in tight and/or cluttered spaces.



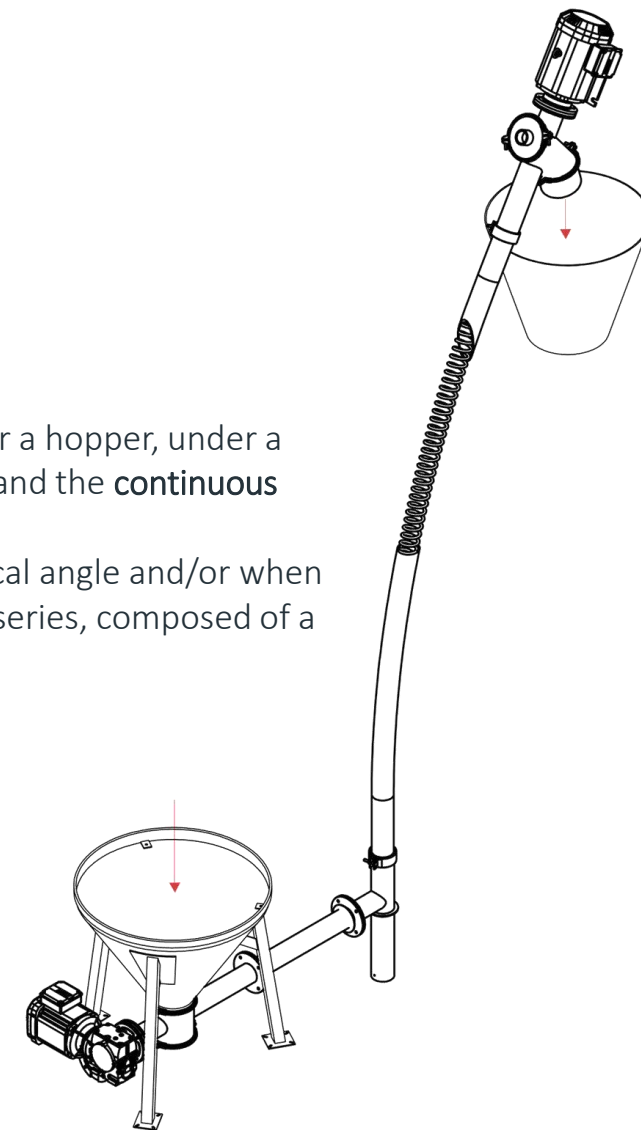


FLUCTUATING FLOW PRODUCTS



The **T12 range**: a distributor, positioned under a hopper, under a silo... ensures the good flow of **your product** and the **continuous loading** of the Transitube.

When the **plant environment** requires a vertical angle and/or when the material requires a **flow control**, the T12 series, composed of a T14 + dispenser / dosing unit, is the solution.



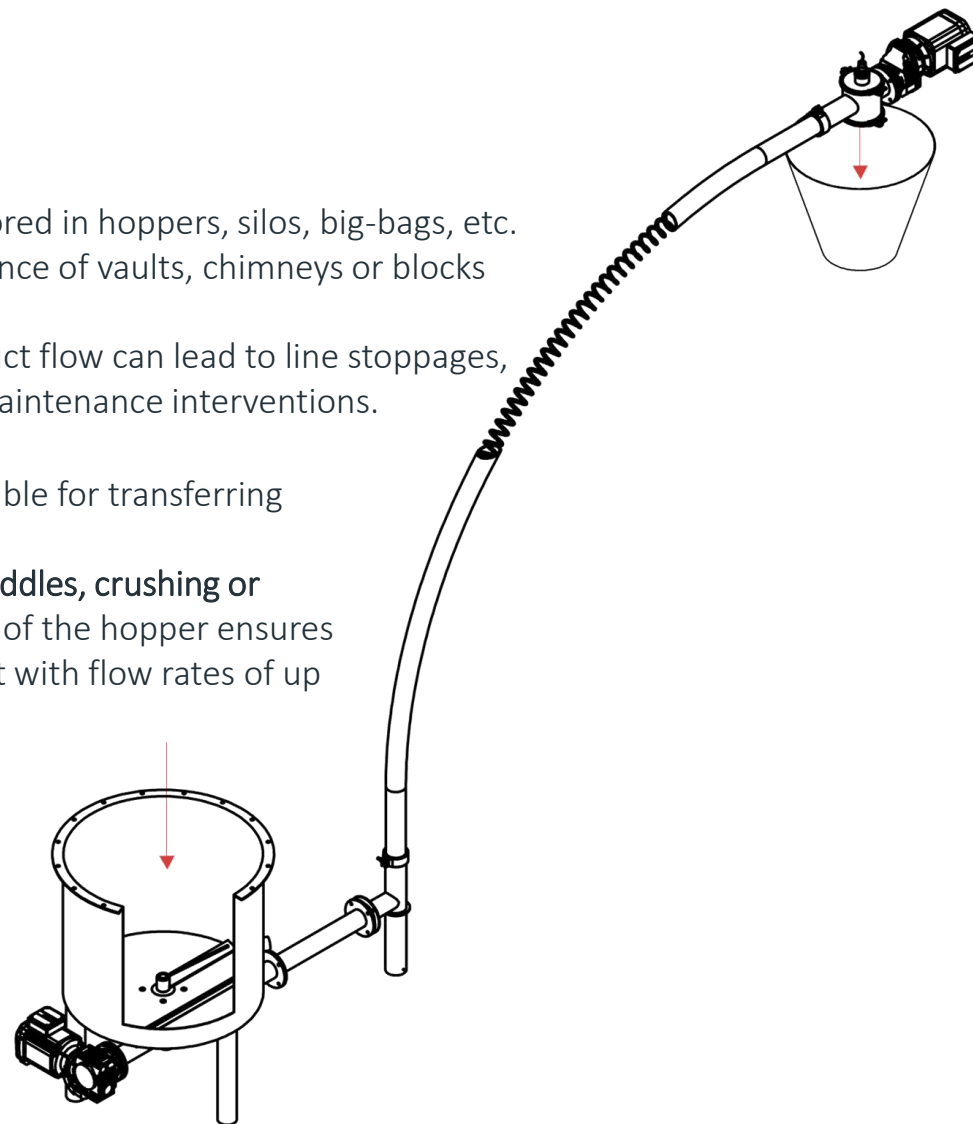


POOR FLOW PRODUCTS



The recovery of your products stored in hoppers, silos, big-bags, etc. is often disrupted by the appearance of vaults, chimneys or blocks of products caught in a mass. Variation or interruption of product flow can lead to line stoppages, dosing inaccuracies, and costly maintenance interventions.

The **T11 series** is particularly suitable for transferring difficult products. A slowly rotating **force-feeding paddles, crushing or delumping** system on the bottom of the hopper ensures the correct **loading** of the product with flow rates of up to 20m³/h.







... AT THE HEART OF A COMPLETE SOLUTION

The Transitube can be easily implemented in **any industrial configuration** thanks to its flexibility and its ability to **bypass the obstacles** represented by existing equipment.

Around the Transitube, we build **complete lines**, made up of equipment ensuring the functions of **weighing, emptying/loading, crushing, storage, sieving, mixing, bagging**, etc.

- Closed and sealed systems
- Manufacturing and materials chosen to suit your industry
- Respect for the integrity of the product
- Smooth flow and load starts

 At the beginning of the production line

 At the end of the production line

Big Bag

Silos

Hoppers

Mixers

Mobile Skid

Bagging machine





SKID FORMAT

The range of mobile systems is designed to **SKID format**.

Consisting of a **hopper** and a **transfer system** and, if necessary, a **dosing system**, it is designed for **manual handling** and / or by **pallet truck**.

Its dimensions are variable, they can be designed to fit in short spaces or pass **doorways** or **circulation corridors**...

Its **retractable** and **foldable** gantry allows it to be **stored** between uses.

