



Since 1956

THE QUALITY OF EXPERIENCE
ON INDUSTRIAL SERVICE



BELT CONVEYOR



industry



The Company Zanin F.lli was founded in 1956.

We specialise in the production of complete systems for cleaning, drying, handling and storing cereals.

Our Company rapidly grew to gain a position of excellence on the international market, backed by its values: constant commitment to innovation, client assistance, flexibility, enhancement of human resources and competitiveness.

Zanin F.lli provides the agro-food industry with its relentless research and virtuous, continual personnel training.

In this way we have developed very high specialisation and a total quality process with TÜV SÜD certification.

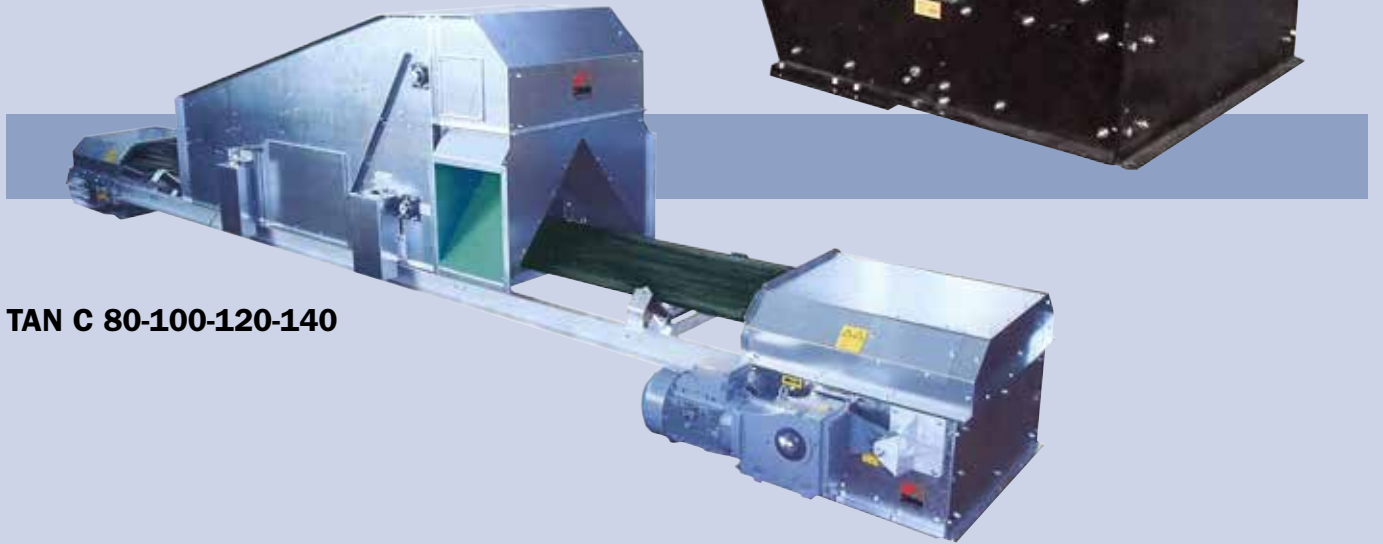
All Zanin F.lli products therefore guarantee constant results and increasingly better performance.

BELT CONVEYOR

The belt conveyor is used for transporting granular and other products. It is indicated for the transportation of different products, avoiding contamination by not mixing them. It is used to transfer in lengths products that need to be ensiled or stored in plane warehouses, transported to process machines, etc. It is suitable for all products, with varying capacities and considerable lengths.



TAN 80-100-120-140



TAN C 80-100-120-140



01



02



03



05



04



06



07



08



09



MANUFACTURING

- Head and tail in galvanized reinforced "sendzimir" metal sheet
- Steel rolls case structure with bolted U section, hot galvanized
- Product entrance hopper

- Anti-oil – antistatic rubber and cloth belt
- Drums with closed surface
- Carbon steel rolls with tight bearing
- Motorization: direct gearmotor

PLANTS

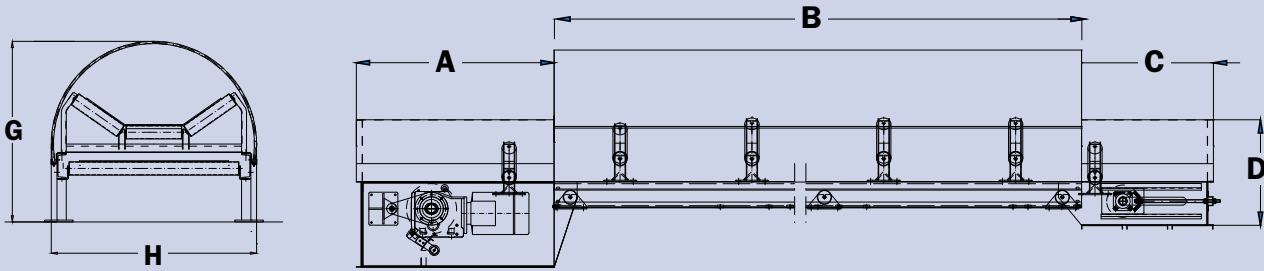
- 01) Harbour unloading plant
- 02) Two ways lateral unloading detail
- 03) Belt conveyor
- 04) Two ways lateral unloading cart with wheel
- 05) Unloading cart wheel

- 06) Belt conveyor, two ways unloading tripper
- 07) Tripper with shifter
- 08) Belt loading hopper
- 09) Inclined line belt

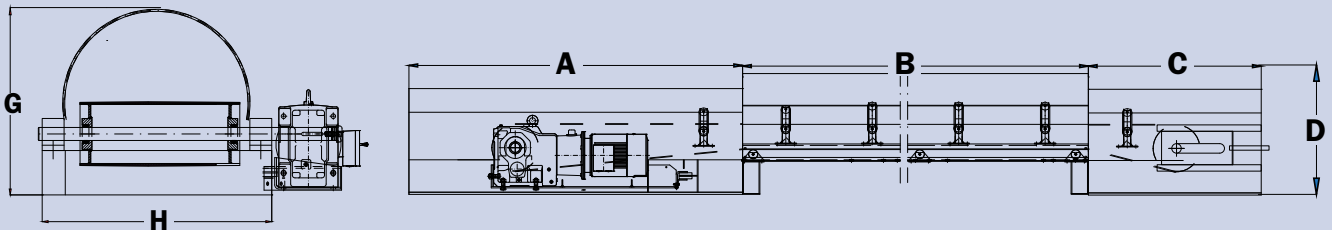
OPERATION

The product enters for gravity, a belt linear movement makes move the product towards the loading opposite side and is released in an unloading hopper. The capacity is given from the belt speed.

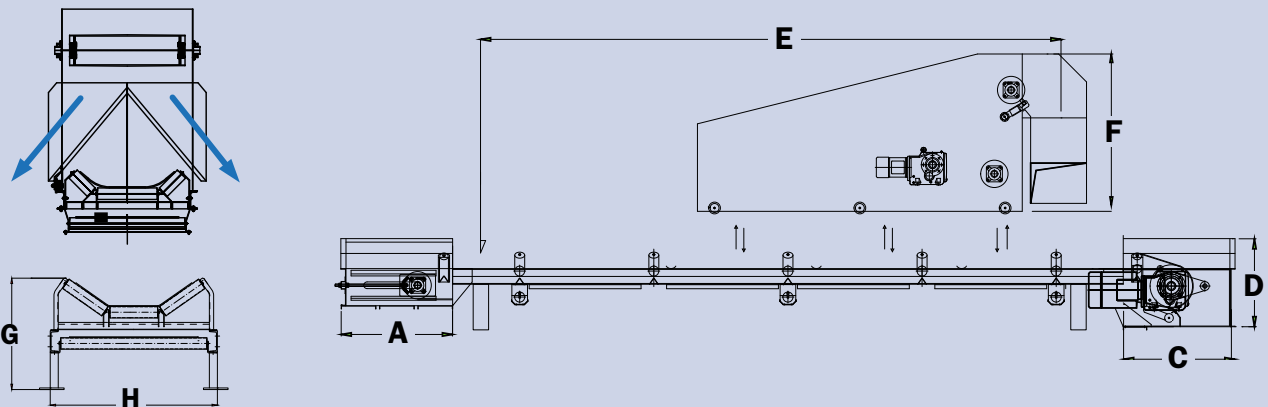
CONVEYORS FOR LENGTHS UP TO 100m



CONVEYOR FOR LENGTHS OVER 100m



CONVEYOR WITH UNLOADING CART (TRIPPER)



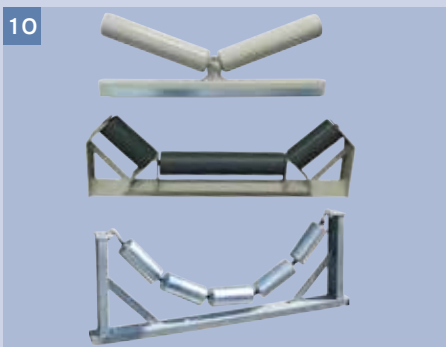
| MODEL | CAPACITY t/h | SPEED m/s | A | B* | C | D | E | F | G | H |
|----------------|--------------|-----------|------|----------------------|------|-----|--------|------|------|------|
| TAN-I 80-300 | 300 | 2,6 | 1000 | 3000 4000 6000 | 1000 | 790 | > 4000 | 1450 | 970 | 1150 |
| TAN-I 100-600 | 600 | 2,6 | 1500 | 3000 4000 6000 | 1000 | 550 | 4000 | 1900 | 1300 | 1500 |
| TAN-I 120-800 | 800 | 2,6 | 1500 | 3000 4000 6000 | 1000 | 800 | 5000 | 1900 | 1300 | 1900 |
| TAN-I 140-1000 | 1000 | 2,6 | 1500 | 3000 4000 6000 | 1000 | 800 | 6000 | 2400 | 1600 | 2300 |

TAN-C versions are equipped with unloading cart.

N.B.: For capacities from 50 to 300 t/h see Agro industrial catalogue. Data and specifications calculated with product specific weight 0,78 t/m³. The company declines every responsibility regarding the data care in this brochure and reserves the right to modify the product as necessary.

* The intermediate component can be manufactured in four different lengths.

OPTIONAL: Motor with chain transmission / Motor changer / Inverter / Revolutions control / Loading hopper / Unloading hopper / Anti burst panels / Hardox anti-wear plate on container bottom width / Anti wear plate / Polyzene on container bottom width / RAL painting on request / Hot galvanizing / Stainless steel AISI 304/316



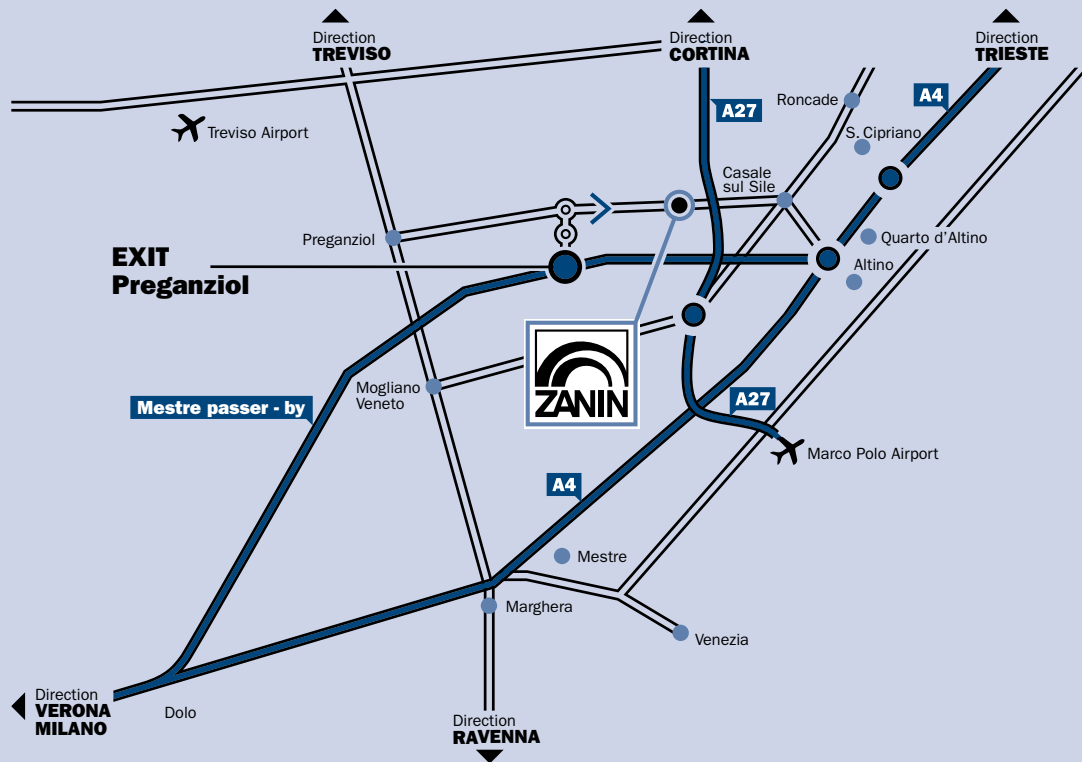
DETAILS

- 01) Tripper and belt tension counterweight
- 02) Anti-veering sensor on belt
- 03) Stop device with emergency rope
- 04) Belt loading

- 05) Revolutions control sensor
- 06) Belt loading tripper
- 07) Assembly phase with Garland rolls
- 08) Product unloading particular
- 09) Belt with section detail

- 10) V-shaped, 3-way and multiple belt rolling systems
- 11) Towing rolls
- 12) Drum particular
- 13) Warehouse loading belt conveyor sight
- 14) Unloading tunnel belt conveyor sight





Photos by Glauco Granatelli, Walter Coledan, Dicaprio Veronica, Didier Descouens, Maik-T. Šebenik



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RESELLER