



Since 1956

THE QUALITY OF EXPERIENCE
ON INDUSTRIAL SERVICE



BUCKET ELEVATOR



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.

BUCKET ELEVATOR

The bucket elevator is used for transportation of granular products. It is used for the transfer in height of products to ensile, to be transferred in working towers, process machines, fast loads. It is indicated particularly for all products sensitive to being broken.



GRANULATED TRANSPORTATION PLANTS *PORTO MARGHERA – VENEZIA*



01



02



03



06



MANUFACTURING

- Head and tail in galvanized reinforced sheet "sendzimir"
- Steel double barreled with rectangular section, bolted, galvanized "sendzimir"
- Control indicating light barrel and internal maintenance
- Anti-oil – antistatic rubber and cloth chain snug
- Motorization: Moto reducer
- Head revolution built in anti-wear plate
- Product entrance snug
- Nylon buckets and carbon steel tight bolts

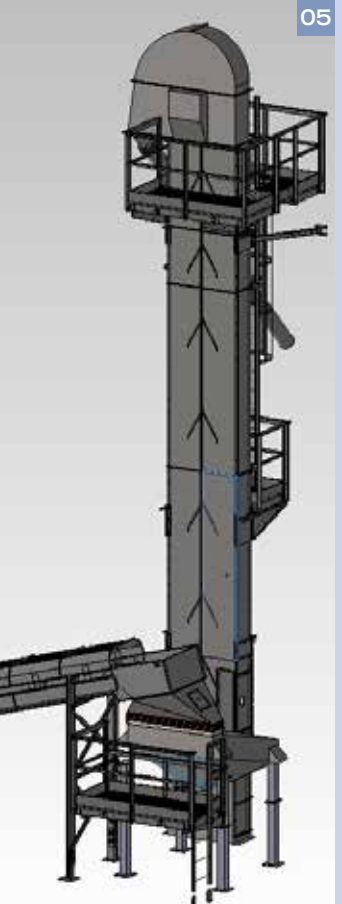
OPTIONALS

- Welded barrel
- Mono barrel
- Motor with pulleys transmission
- Moto-changer
- Inverter
- Revolutions control sensor
- Anti veering sensor
- Unloading hopper
- Anti burst panels
- Additional snug
- RAL painting on request
- Stainless steel AISI 304/316
- Barrels connection pipe
- Hot galvanizing
- Nylon cups and carbon steel tight bolts

04

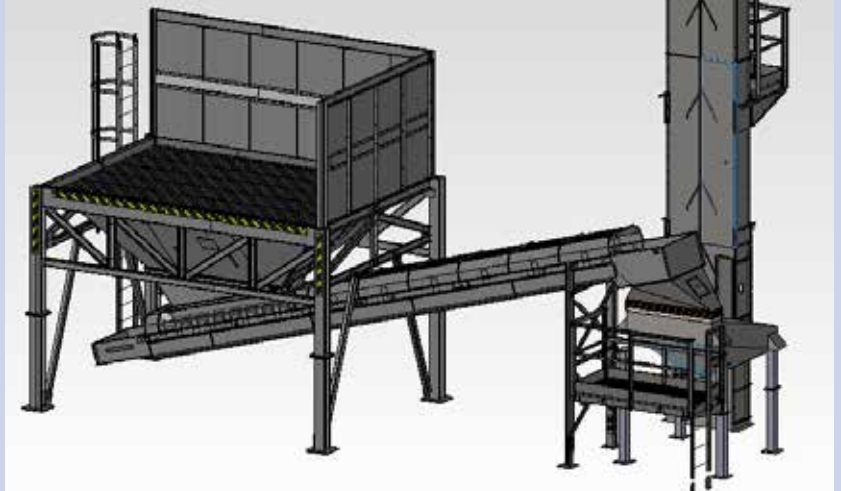


05



PLANTS

- 01) Wagon loading plant with lifter sight
- 02) Sieving plant with lifter sight
- 03) Elevator head
- 04) Elevator foot
- 05) Fertilizing Sieving plant 3D project
- 06) Fertilizing Sieving plant
- 07) Flours loading plant
- 08) Fertilizing Sieving plant



07



08

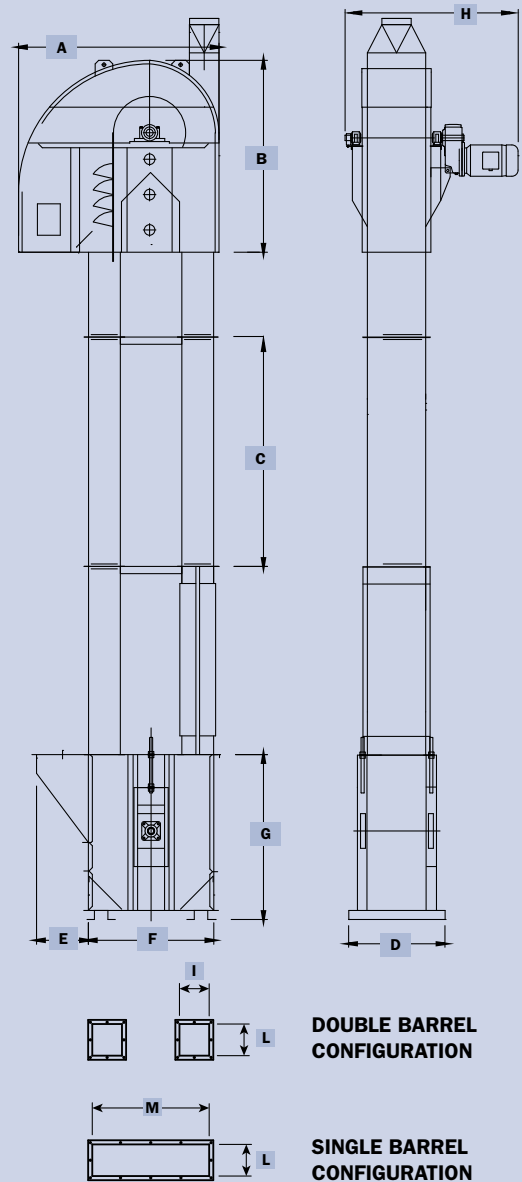


OPERATION

The product enters for gravity in the loading snug, the chain movement with the buckets makes lift the product from the bottom towards the top and in the superior side, after the head revolution, the product is released in an unloading hopper. The capacity is given by the chain speed and by the bucket number assembled per meter.



SCHEME



DOUBLE BARREL CONFIGURATION

SINGLE BARREL CONFIGURATION

MODEL	CAPACITY t/h	SPEED m/s	A mm	B mm	C* mm	D mm	E mm	F mm	G mm	H	I mm	L mm	M mm
E-I 340-120	120	2,9	1745	1200	1500 2000	480	565	1030	1230	Varies according to the power of the geared motor. Please refer to the technical data sheets.	280	340	1030
E-I 430-200	200	2,5	1885	1710		540	585	1340	1500		309	421	1150
E-I 570-300	300	2,8	2280	2210		660	500	1500	1400		415	540	1490
E-I 1000-650	650	3	2975	2355		1090	740	1810	1890		365	960	1600

N.B. For elevators from 2 to 200 t/h see Agro industrial catalogue. Data and specifications calculated with a product with S.W. 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.

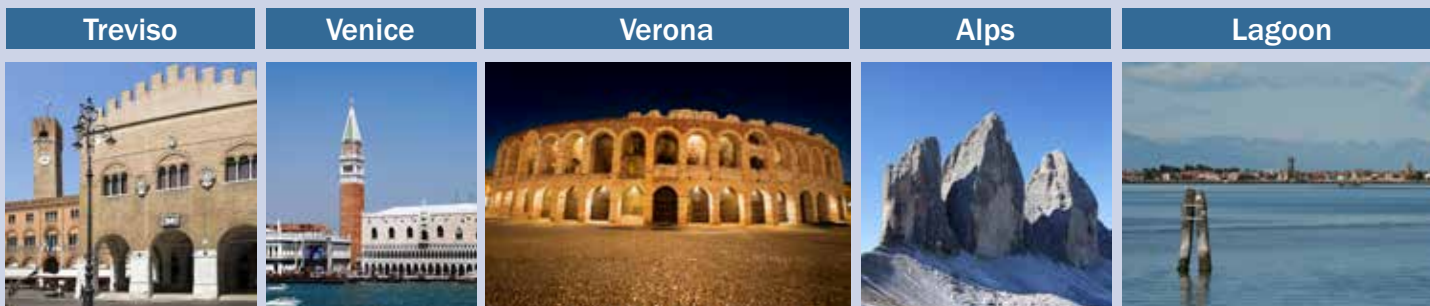
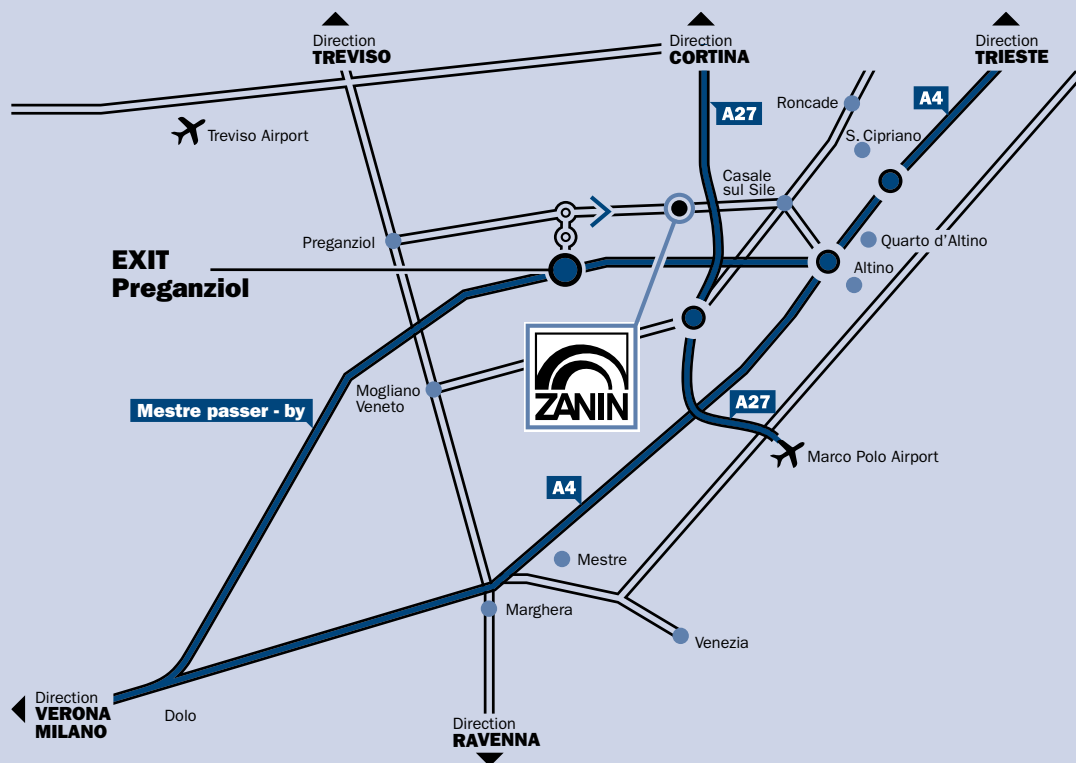
* The component can be supplied in different measures as necessary.



DETAILS

- 01) Elevator head
- 02) Elevator head with buckets
- 03) Head with rubber drum
- 04) Front primer changer foot
- 05) Foot with opened drum
- 06) Elevator barrels
- 07) Air fluidification barrel
- 08) Nylon buckets
- 09) Carbon steel buckets
- 10) Elevator foot
- 11) Elevator foot
- 12) Anti-burst panel
- 13) Revolutions control sensor
- 14) Anti veering sensor





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



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RESELLER