



TECHNICAL SPECIFICATIONS

Circular metallic silo support over a flat or conical concrete floor. If it is flat, it will use type Y or H aeration and a sweeper for extraction. The standard conical angle is 37°, possibility of another angle, for this type a cased helical discharge system can be mounted. Composed by the following parts: roof and cylinder.

Its height is defined by the diameter and the number of body's rings. The first ring's height is 1190 mm and each additional adds 1140 mm to the total height.

Available till 30 heights on the following diameters: 3.00, 3.50, 4.60, 5.35, 6.10, 6.87, 7.60, 8.40, 9.20, 9.93, 10.7, 11.45, 12.23, 12.98, 13.75, 14.51, 15.28, 16.05, 16.8, 17.57, 18.34, 19.86, 20.63, 21.39, 22.15, 22.92, 23.68, 24.44, 25.98, 27.5 y 32.08.

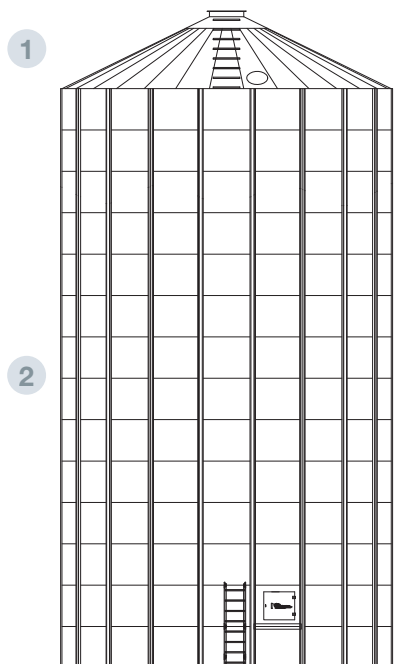
INCLUDES as standard accessories a roof rung ladder, 1140 mm of simple ladder until the access door, an access door and a roof manhole.

TYPES

- TE: Structural roof. Consisting of adding a roof beam structure, it is used in silos with larger diameters, due to wind, or with higher than standard snow loads. The 10.70, 11.45 and 12.23 silos may or may not have a structure.
- EC: Silos calculated under the Eurocode regulations. The Eurocode classifies silos by their slenderness and class, also taking into account factors such as grain friction with the wall, pressures, etc.
- TE EC: It is a silo with a structural roof under the Eurocode standard.

PARTS AND MATERIALS

- 1 ROOF**
 - Composed by roof sectors assembled between them through the roof waves.
 - Its slope is 30°.
 - Self – supporting roof on silos from 4.60 to 9.93.
 - Self – supporting roofs are reinforced with wave roofs or beam roof to high snow loads.
 - Sectors material : Galvanised steel S280GD ZM310 MAC e= 0.8mm
 - Structure material: Galvanised steel S280GD Z600-MAC o S450GD Z600MAC
- 2 CYLINDER**
 - Composed by bodysheets screwed between them and with stiffeners.
 - Wind rings are installed on the highest zones to avoid its deformation when the silo is empty.
 - Into the bottom is located the aeration systems and the sweep auger.
 - Bodysheet material: Galvanised steel S450GD Z600
 - Reinforcement material: steel S450GD Z600



Conical foundation

