GRAIN FALL SPEED REDUCER

CYLINDER ACCESSORIE

FILE 5.21
VERSION 4. 17/07/2025

COD. AS**/04AMO**

TECHNICAL SPECIFICATIONS

Loading system that prevents grain from falling from the inlet to the bottom of the silo, thereby reducing segregation and breakage and lowering the risk of explosion.

It consists of a chute that carries the grain to the wall, from where it falls through deflectors to the bottom of the silo.

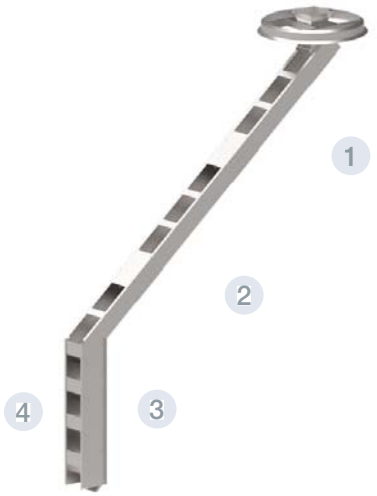
Installing this system reduces the volume of the silo by two rings.

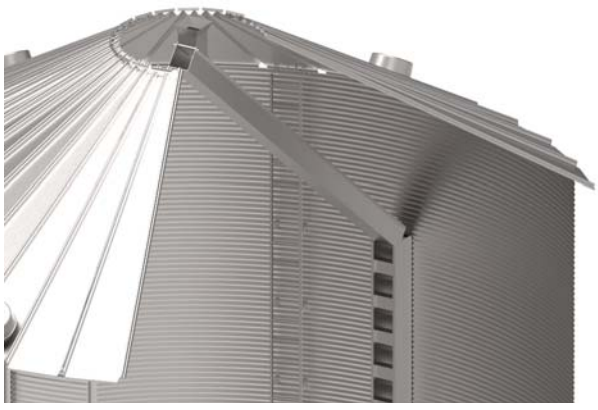
Avoid the grain dispersion.

It´s advised to install an inside ladder to maintenance tasks. Recommended for white rice and corn (to avoid mycotoxins).

TYPES There are 2 models:

1. Silos 460: 1223. 1-channel system. Suitable for SBH and SCE.
2. Silos 1298: 1680. 2-channel system. Suitable for SBH.





PARTS AND MATERIALS

1 REDUCER SUPPORT
· Central channel to lead the grain to the inclined conduits
· There are 2 kinds:
1.Silos 460-1223. Connected to roof collar
2.Silos 1298-1680. Connected to top cover
· MATERIAL: Galvanised steel S275 JR

2 INCLINED CONDUIT
· Channel of folded steel sheet from the reducer support to the lateral conduit
· There are 2 kinds:
1.Silos 460 -1223. Connected to the reducer support
2.Silos 1298 -1680. Connected to the structural roof
· MATERIAL: Galvanised steel S280 GD Z600 MAC e= 3mm

3 LATERAL CONDUIT
· "U" profiles of folded sheet
· MATERIAL: Galvanised steel S280 GD Z600 MAC e= 3mm

4 GRAIN DEFLECTORS
· To reduce the falling speed
· MATERIAL: Galvanised steel S280 GD Z600 MAC e= 3mm
· The first deflector is special (E). Its thickness is bigger (e= 5mm. HDG) to support the first impact of the grain