

Data Sheet 540

Silos



Cimbria Unigrain's silos are complete steel constructions which can be delivered in several combinations with centre outlet or side outlet according to requirements.

Cimbria Unigrain's silos can be varied or adjusted to any kind of storage requirement.

Cimbria Unigrain's silos are delivered complete with concreting iron, supporting construction, hoppers, walls, decks, roof construction, machine decks, ladders, etc. for outdoor and indoor installation.

At outdoor installation the silo should be covered with e.g. ordinary trapezoidal steel plates put onto Z purlins or boxes with insulation material.

The system is so flexible that any specific requirement easily can be fulfilled, for instance at installation in existing buildings.

Cimbria Unigrain's standard silo plant can be divided into three types:

- Raw material silos
- Delivery bins
- Process factories

We build up these three types of plants by means of our flexible standard silo programme that consists of the following standard components:

- Concreting iron
- Supporting constructions
- Hoppers
- Wall types
- Decks
- Roof constructions
- Ladders

For Cimbria Unigrain's turnkey deliveries we enter into agreements with first class subcontractors within the following contracting works:

- Concrete, earth, drain
- Cladding
- Electrical installations
- Machine installation

Cimbria Unigrain's standard wall elements are manufactured in widths up to 4 m with leaps of 0.5 m. These wall elements can be built together constituting many different silo sizes.

Two different types of wall elements are manufactured:

- Sandwich wall - type 120 and 160 with smooth surface on both sides.
- Profile wall - type 120/50° and 160/50°.

- Type 120 has a wall thickness of 120 mm and a section height of 498/996 mm.
- Type 160 has a wall thickness of 160 mm and a section height of 620/1240 mm.

The wall columns are manufactured from four heavy-duty steel plates that are an integrated part of the silo wall. When installing the silo walls an octagonal silo column will be formed, and this column is to be assembled with a vertical busbar internally in the wall column.

The wall column type 120 has an external dimension of 220 x 220 mm and type 160 has an external dimension of 260 x 260 mm.

We are used to heavy demands every day. However, the sooner you include us in your project the easier it will be for you and for us!!

Due to our intensive product development and well qualified technical staff it is possible for us to manage almost any job required.

You can order our reference list and see for yourself that several firms around the world have been using our expert knowledge and know-how so far.

Contemporary modern communication means make it easy to get into contact with us, and remember, we are never further away than your telephone, telefax or e-mail.



Face plate silo for feedstuffs

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