

**Protective shells for
plasticization cylinders**



MODEL Z.69 (ISOAIR)

Model Z.69 ISOAIR

Technical features

Use

ISOAIR is commonly employed as insulator and air conveyor in plasticization cylinders, if there is the need of cooling them down.

Advantages of the Protective Shell for Plasticization Cylinders

- Excellent heat insulation
- Easy installation, thanks to its structure separated from the heater
- Good energy saving, mostly due to the insulation (ceramic fiber) located between the outside walls
- Higher mechanical safety on the plasticization cylinder and, at the same time, a better look of the cylinder itself

Technical features

- External stainless steel or painted steel sheet
- Internal stainless steel sheet (AISI 430)
- Lateral stainless steel or painted steel rings
- Clamping through robust hooks with integral safety system
- Max. length: 2000 mm

Typical shape

- Circular
- Pentagonal
- Esagonal

Upon request we can supply the blowers according to your spec.

For further information please contact our technical dept.

We reserve the right to change technical details



How to order

Model Z. 69

Due to the peculiarity of these shells, please provide drawing with detailed description of the supports for the attachment of the fan, as well as of the inside cool air ducts.

Executions:



TIG welded execution



Rectangular execution with built-in connection boxes



Z69 insulating covering

- Energy saving over 50%
- Remarkable temperature difference from the cylinder and the external surface of the covering.

Example

- Cylinder working temperature 325°C(*)
- Temperature on the external surface of the covering 60°C (*)

(*) Based on the information provided by the machine builder