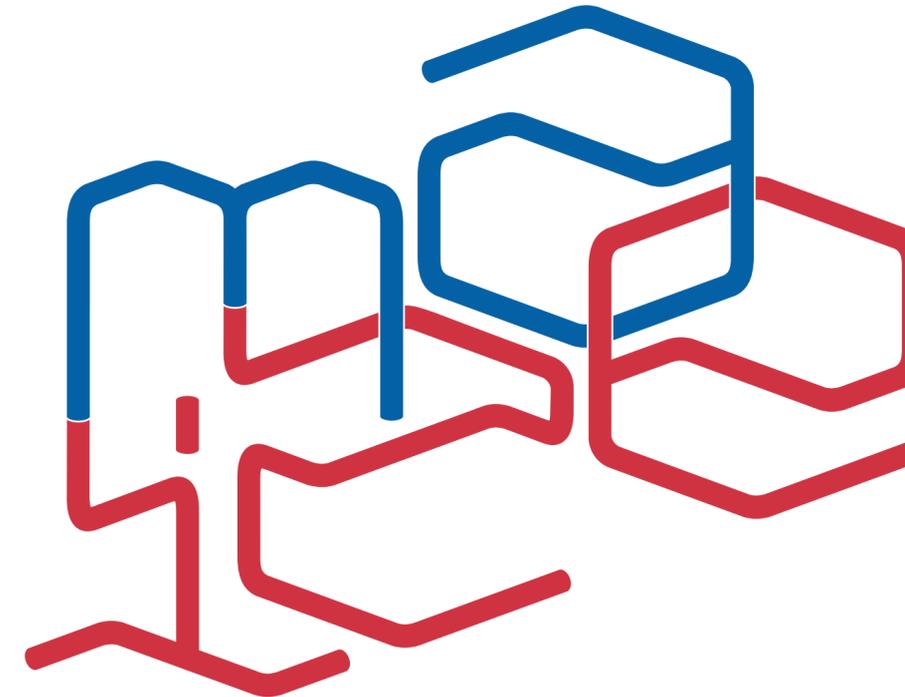


EQUIPMENT FOR MAIZE PROCESSING

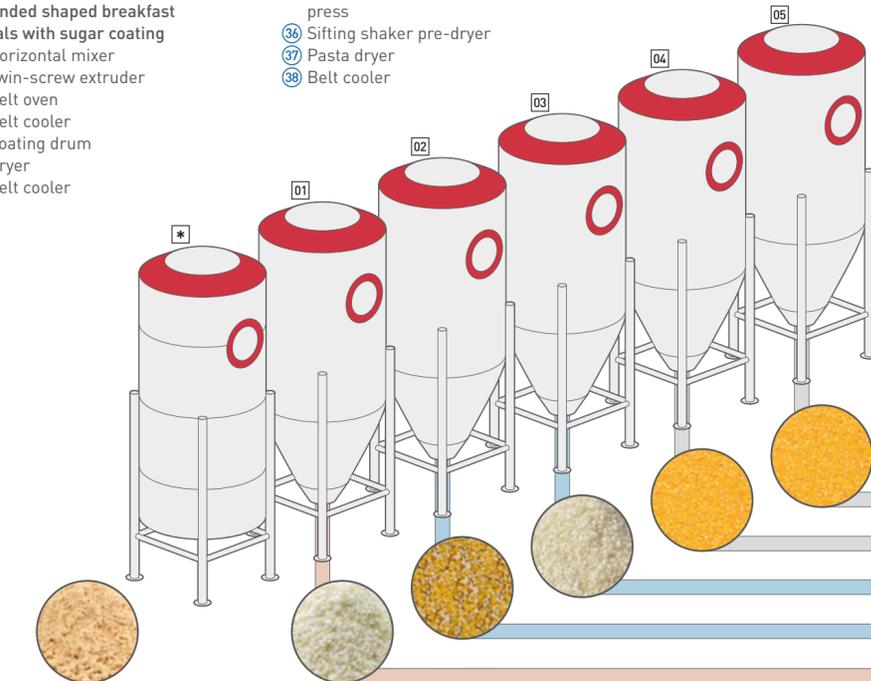
- 01 LPF**
Sleeve filter with high cleaning ratio
- 02 POND 012**
Electronic weigher for production control
- 03 MF**
Pipe magnetic separator
- 04 SPR**
Rotating pre-cleaning separator with high capacity, used to separate large foreign bodies (paper, iron, wood, stones, etc.) that can be found in the cereal at the entrance of the reception holes
- 05 SDI**
Intermediate decanter used to separate the heavier dust of the principal flow from the dusty air
- 06 SAP - Air separator**
Air separator canal. It allows the separation of light impurities from the product through an air flow that passes through the cereal
- 07 RFP - Ponderal flow measurer**
It instantaneously weighs the hourly capacity of the cereal
- 08 VB**
The Vibro-Separator is used to separate the foreign bodies from the cereal (straw, stones, sand, small extraneous seeds)
- 09 SCC - Closed air cycle separator**
Aspiration canal for air recirculation
- 10 SGS Gravity**
Dry stoner and grain classifier. The dry stones separates the stones from the cereal, the grain classifier divides the cereals into a heavy flow and a light flow.
- 11 MP SPI SUMP - BI**
Automatic damping machine with flow detector
- 12 MDS 55 - Maize Degerminator Scourer**
Capacity 2,5 t/h. Motor 55 kW. It is used in the maize processing to extract big and medium maize pieces with low fat contents and without cellulose.
- 13 GQTG - Plansifter**
Sifter from 2 to 10 canals with maximum 30 sieves for each canal
- 14 Semolina - Purifier**
With 50 cm width sieves, it allows a high grain selection of the grits.
- 15 TC - Conical air separator**
Aspiration canal used to separate the product from the lightest impurities (cellulose, bran, seed fragments).
- 16 Synthesis**
Roller mill with four rolls of various length (1000, 1250 and 1500 mm) and diameter (from 250 to 300 mm).
- 17 GVS0**
The Horizontal Vibrating Sifter is specific for viscous flour sifting.
- 18 SE**
Milling extractor for silos with not flowing cereals.
- 19 ESF-ESB**
Vibrating Extractor for silos

INTEGRATED TECHNOLOGIES FOR MAIZE PROCESSING



PRODUCTION LINES AND RAW MATERIALS

- A**
Directly expanded snacks
01 Twin-screw extruder
02 Buffer
03 Dryer
04 Flavoring tumbler drum
 - B**
Extruded corn flakes with sugar coating
05 Horizontal mixer
06 Twin-screw extruder
07 Sifting predryer 01
08 Flaking mill
09 Sifting predryer 02
10 Belt oven
11 Belt cooler
12 Coating drum
13 Dryer
14 Belt cooler
 - C**
Expanded shaped breakfast cereals with sugar coating
15 Horizontal mixer
16 Twin-screw extruder
17 Belt oven
18 Belt cooler
19 Coating drum
20 Dryer
21 Belt cooler
 - D**
Traditional corn flakes
22 Raw material silo
23 Rotating steam cookers
24 Apron feeder
25 Sifting predryer 01
26 Flaking mill
27 Predryer
28 Belt oven
29 Belt cooler
 - E**
Snack pellet
30 Cooking extruder
31 Forming extruder
32 Sifting predryer
33 Dryer
34 Belt cooler
 - F**
Gluten-free dry pasta
35 Steam mixer and pasta press
36 Sifting shaker pre-dryer
37 Pasta dryer
38 Belt cooler
- 01 Corn flour for pasta
 - 02 Hominy gritz from Plata corn
 - 03 Corn Meal Fioretto 300
 - 04 Corn Grits 108
 - 05 Corn Grits 101
 - * Zootechnical Flour



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