

INTEGRATED TECHNOLOGIES FOR MAIZE PROCESSING



A COMPANY OF

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

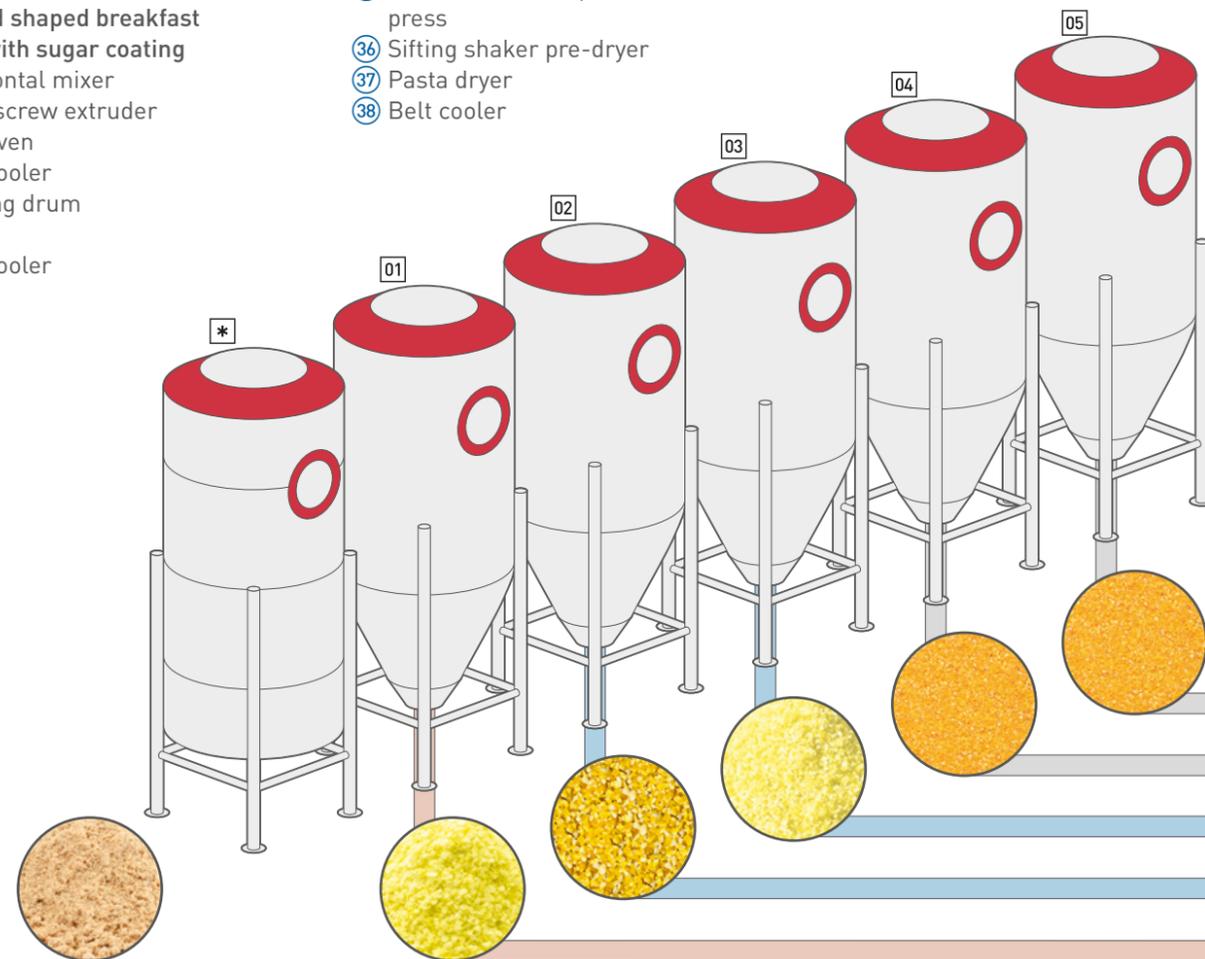
- C**
Expanded shaped breakfast cereals with sugar coating
- 15 Horizontal mixer
 - 16 Twin-screw extruder
 - 17 Belt oven
 - 18 Belt cooler
 - 19 Coating drum
 - 20 Dryer
 - 21 Belt cooler

- 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 Fine Corn Flour
- 02 Hominy
- 03 Corn Flour
- 04 Medium Corn Grits
- 05 Coarse Corn Grits
- * Zootechnical Flour



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.

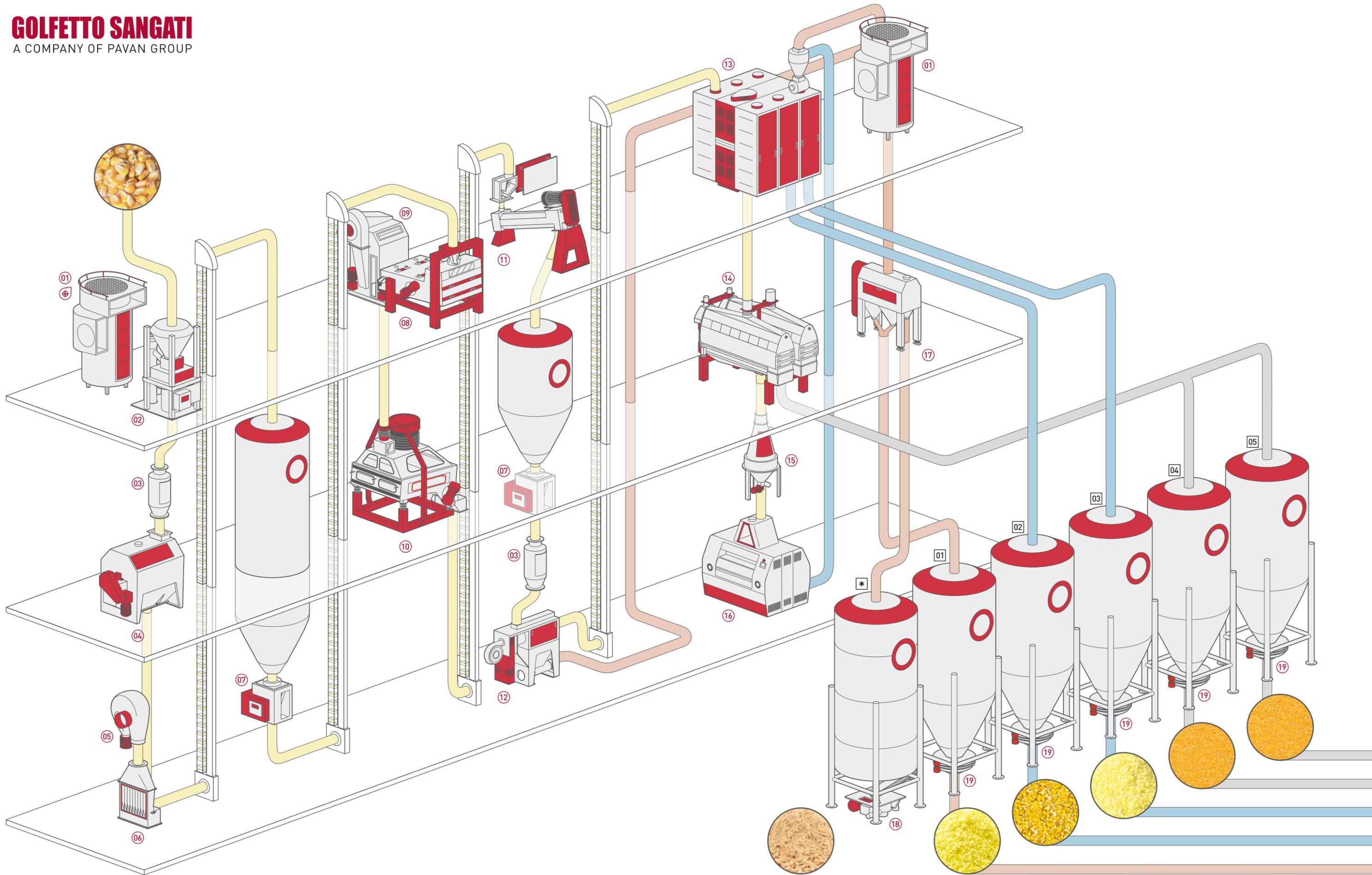
15 TC - Conical air separator
Aspiration canal used to separate the product from the lightest impurities (cellulose, bran, seed fragments).

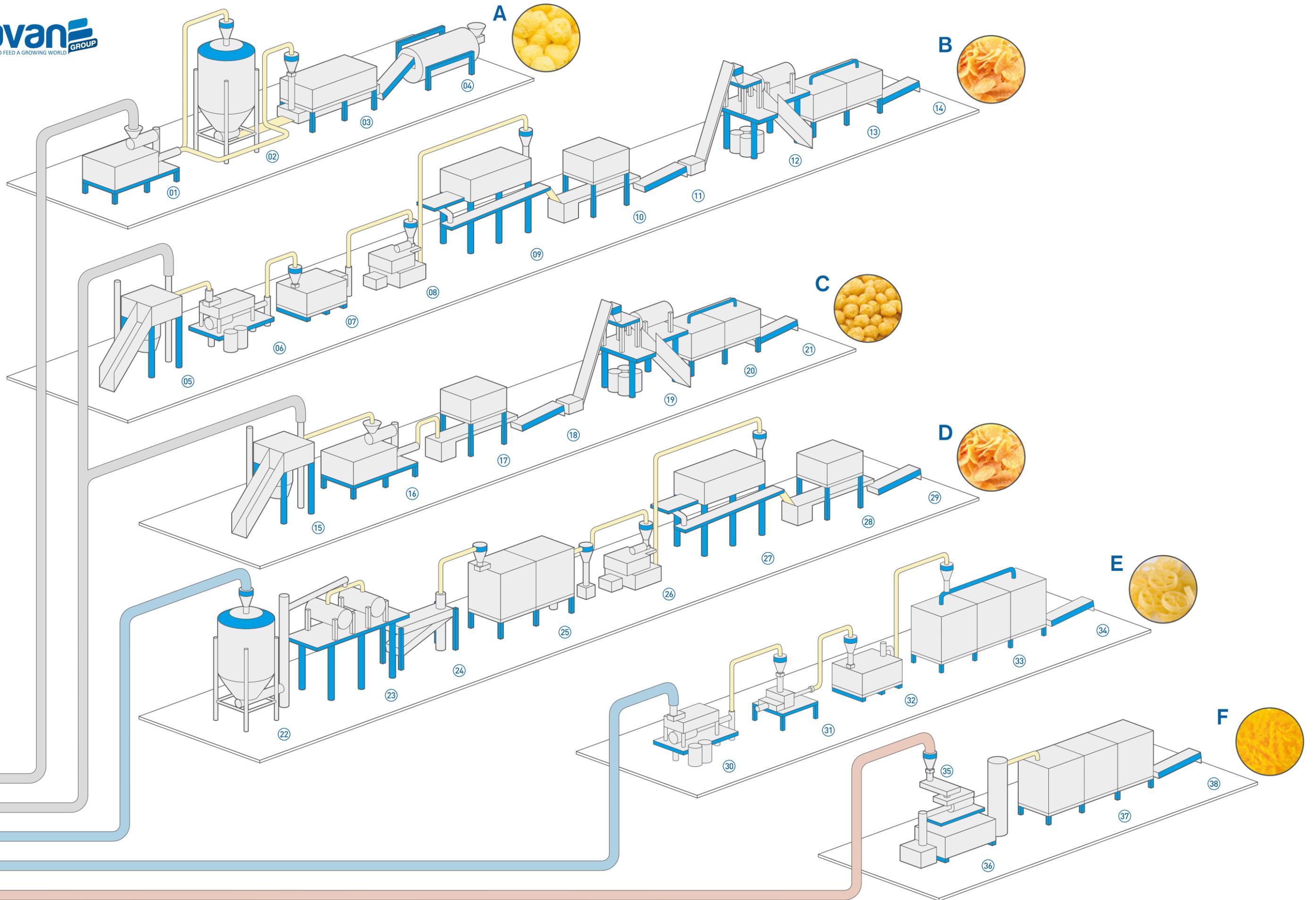
16 Synthesis
Roller mill with four rolls of various length (1000, 1250 and 1500 mm) and diameter (from 250 to 300 mm).

17 GVSO
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





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