

Specialised System Components for Flour Milling Plants



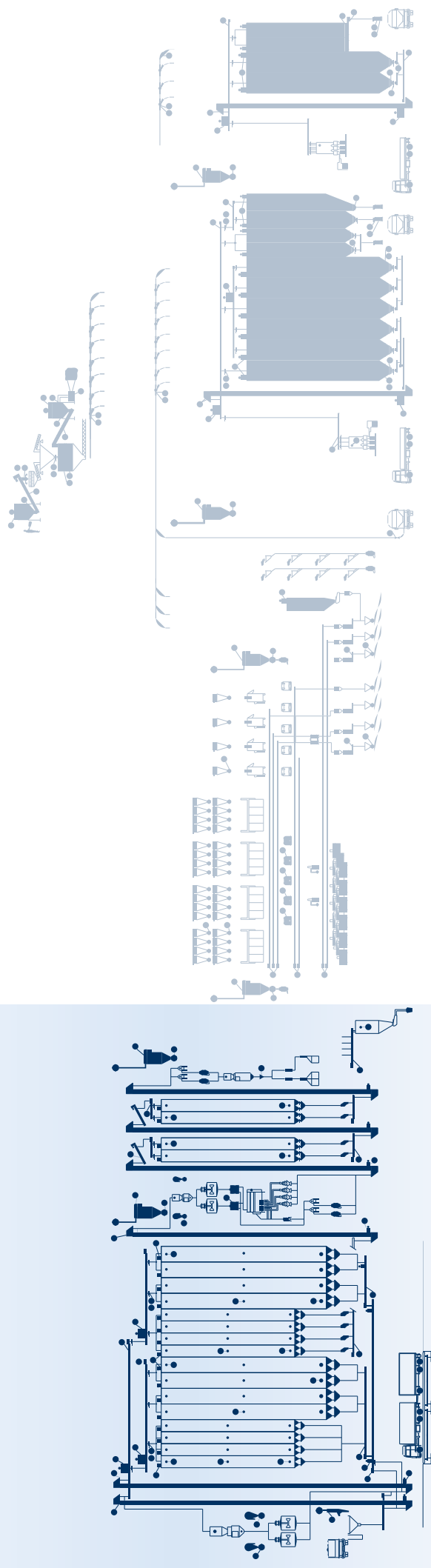
Flour Milling

WAMGROUP® offers specialised system components tailored to the specific requirements of project engineers of flour milling plants.

By selecting this specialised equipment, system designers have the assurance they will combine top quality and performance with the highest possible operating efficiency.

RAW MATERIAL STORAGE

Cereals on arrival at the plant are collected in big silos or cells. Different steps of cleaning and conditioning ensure the cereals will be ready for the milling process with the right moisture content.



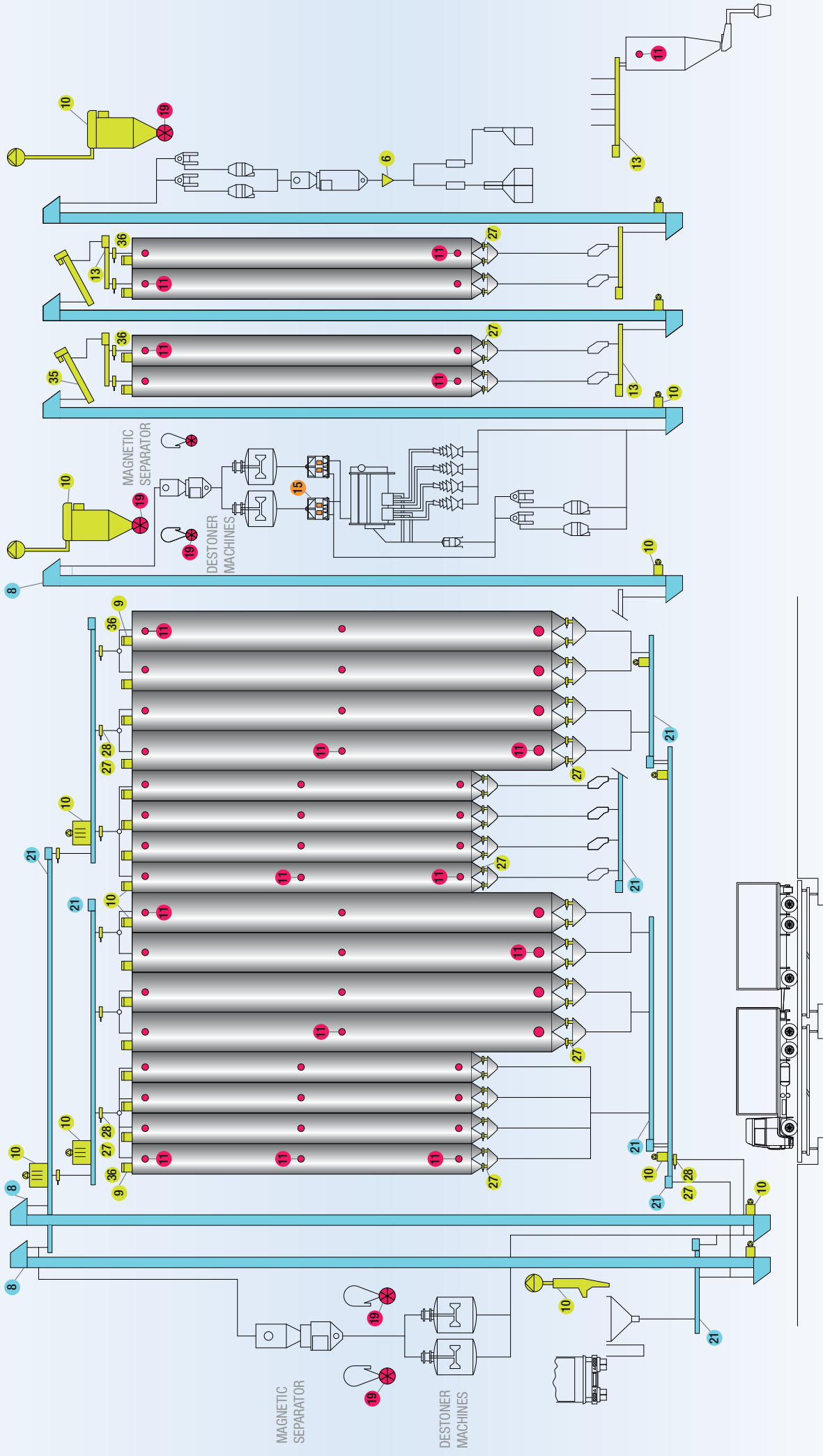
PRE-CLEANING AREA

GRAIN STORAGE SILOS

1st CLEANING AREA

WET GRAIN REST AREA

2nd CLEANING AREA



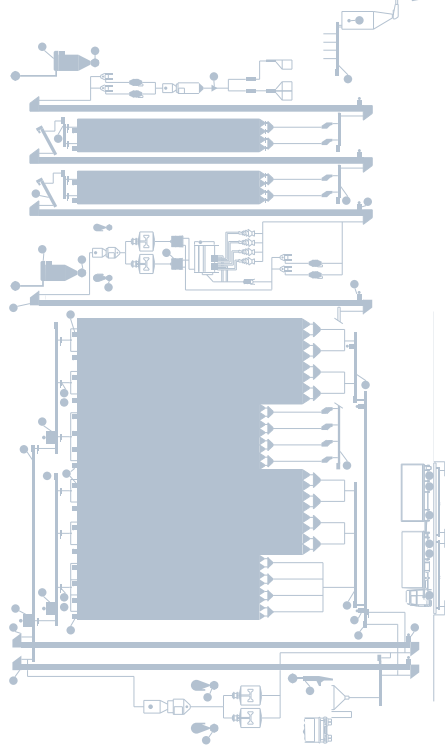
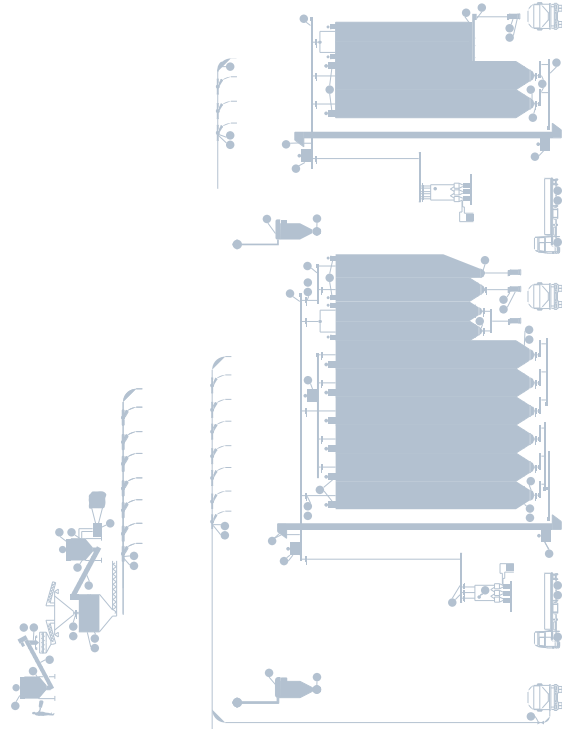
Flour Milling

MILLING & SCREENING

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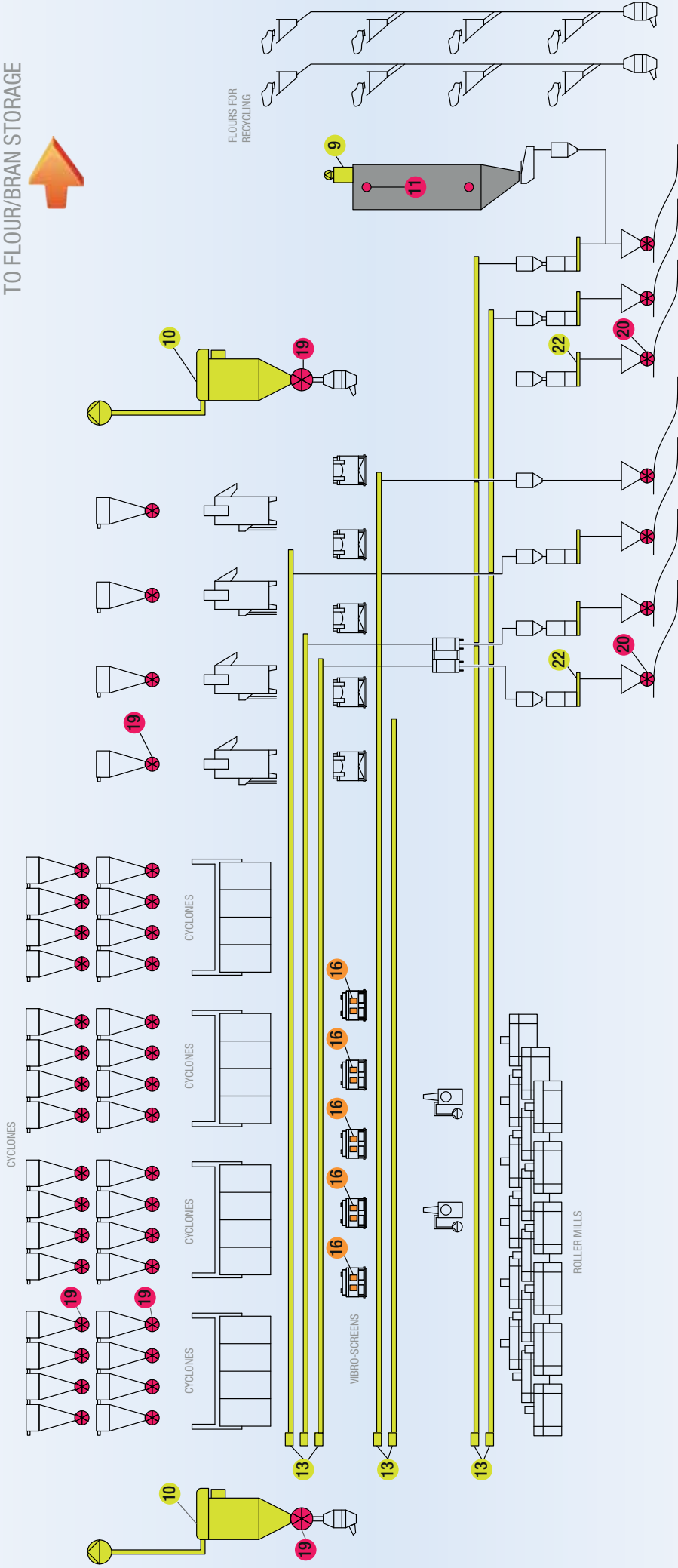
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This is the core of the plant: Cereals are milled to extract the flour from the husk. Several mills and sieves produce flours in different particle size and purity.





TO FLOUR/BRAN STORAGE



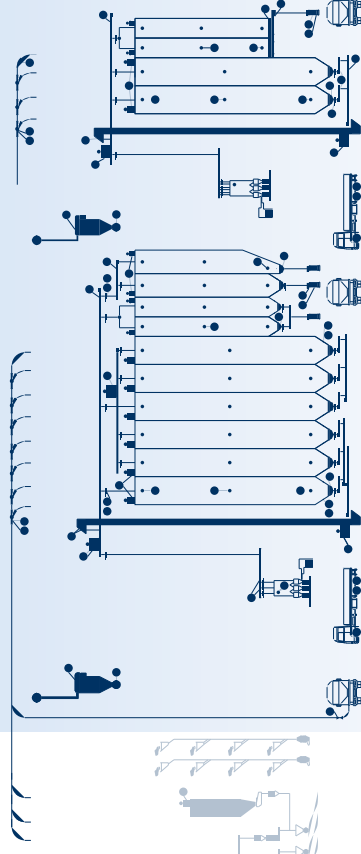
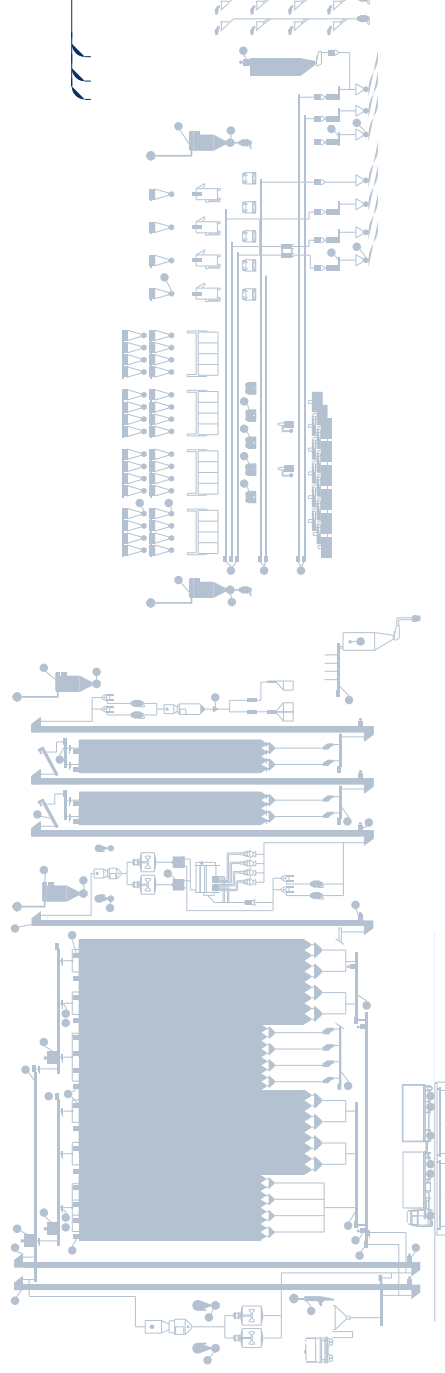


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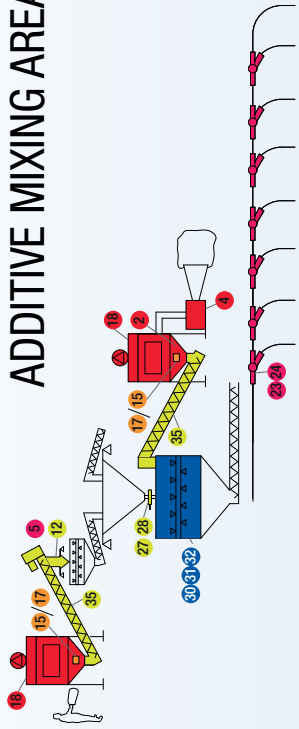
FLOUR/BRAN STORAGE

Classified milled flours and by-products are conveyed in this area to be stored in silos or cells to be then distributed to the market. In that area flours are discharged from silos to be packed into bags or loaded into tankers for bulk delivery.

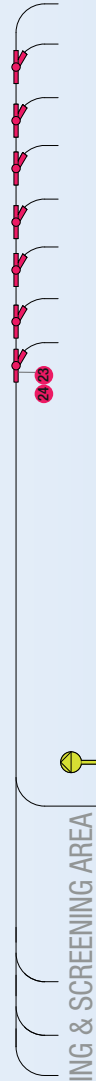
To obtain products with specific properties, flours can be also mixed with other ingredients (additives, vitamins,...) before being packed or stored again.



ADDITIVE MIXING AREA



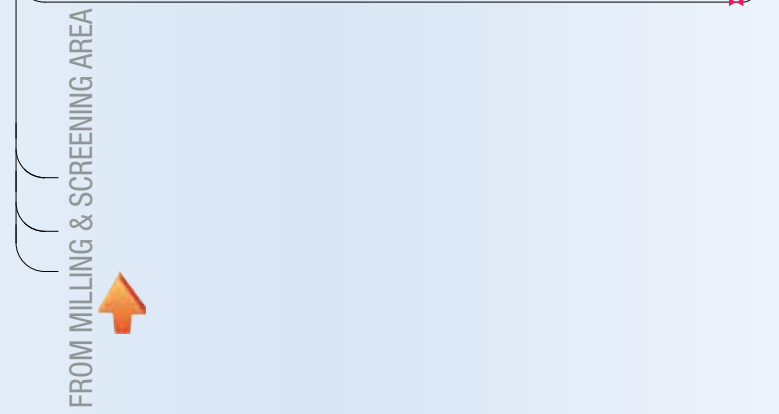
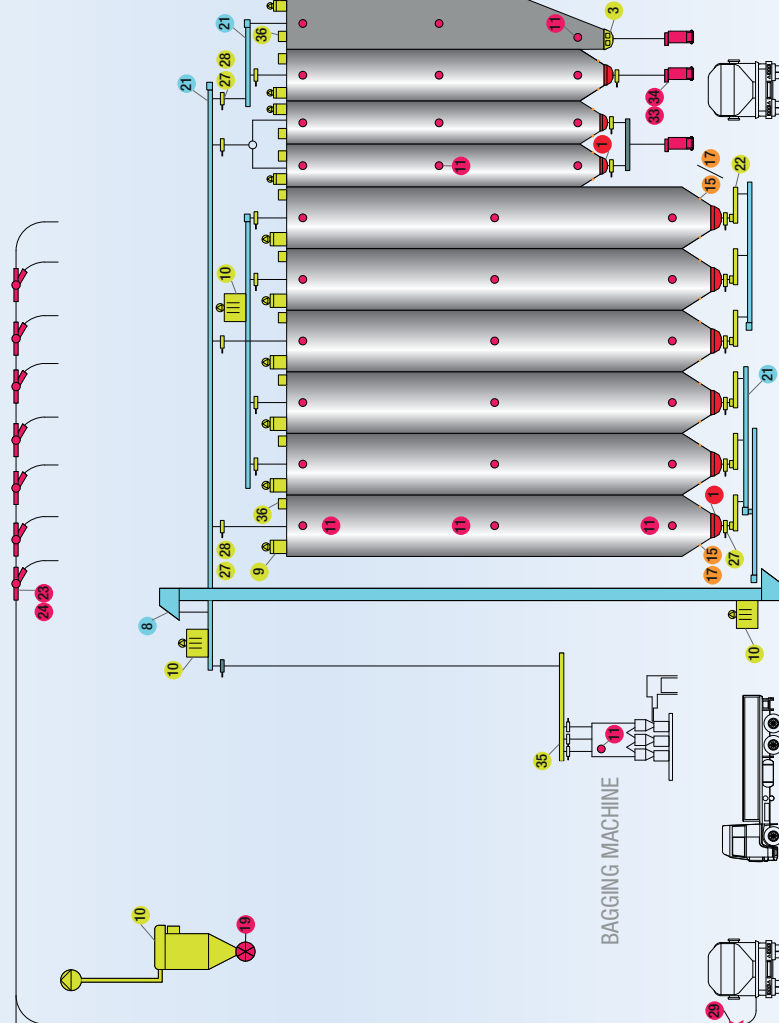
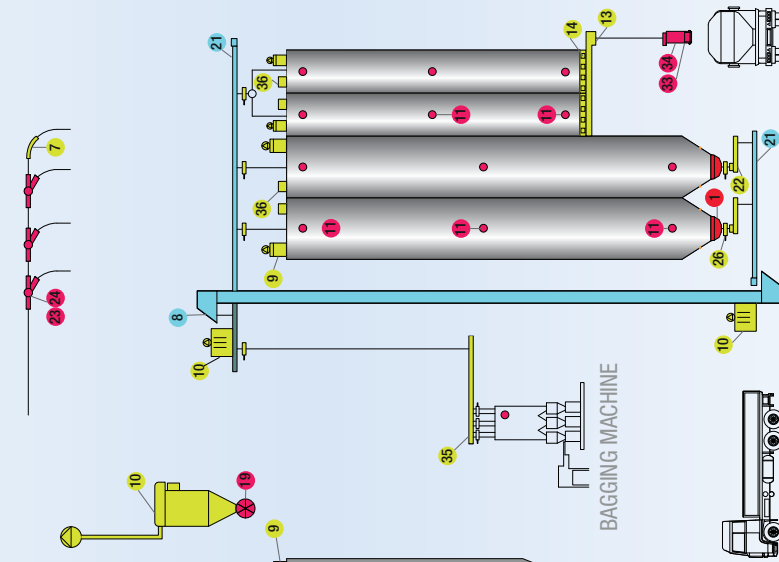
FLOUR STORAGE



FROM MILLING & SCREENING AREA



BRAN / SPECIAL FLOURS STORAGE



1 Bin Activators BA-210 BAEX-210



10 WAMAIR® Dust Collectors FP-210 / FPX-210



Maintenance-friendly

2 BINSWEEP® Rotary Dischargers BSN



11 Rotary Level Indicators ILT



Easy to install

3 Tapered Twin Shaft Screw Feeders BU



12 Micro-Batch Feeders MBF-210



Process reliability

4 Waste Bag Compactors COM



13 Trough Screw Conveyors MSC

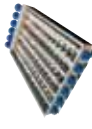


Easy access for cleaning

5 Loss-In-Weight Screw Feeders DCC



14 Live Bin Bottoms MU



Ideal for discharging bran or middlings

6 Diverter Valves DVA



15 External Electric Vibrators MVE



ATEX zone 22-compliant

7 EXTRABEND® & EXTRACURVE® Pipe Elbows



16 External Electric Vibrators MVE-210 (8-10 poles)



Specialised version

8 Bucket Elevators EF-EC



Maximum work safety, ATEX zone 22-compliant

9 WAMFLO® Dust Collectors FN-210 and FNX-210



Compliant with ATEX and latest health & safety standards

20

Drop-Through Rotary Valves RV/RVR



Versatile in all applications

21

Blow-Through Rotary Valves RVS



Easy access to internal parts

22

Chain Conveyors TCG



Sturdy design

23

Tapered Single-Shaft Screw Feeders UM



Minimum-residue design

24

Diverter Valves VAD



Easy to install, compact design

25

Diverter Valves VAR



Contamination-free

26

Vibrating Bin Aerators VB



For all powdery materials

27

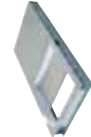
Butterfly Valves VFS



Maintenance-friendly: limited number of components

28

Slide Valves VG



High flow rates

29

Slide Valves VL



No seal adjustment required

30

Pinch Valves VM



Easy sleeve replacement

31

Batch-Type Single Shaft Mixers with Bomb Bay Discharge WBH



Short mixing and discharge time

32

Continuous Single Shaft Mixers WAH



High productivity

33

Ribbon Blenders WBN



Gentle blending

34

BELLOJET® Tanker Loading Bellows ZA



Built-in low-profile dust collector

35

Tanker Loading Bellows ZG



No waste material during loading

36

Tubular Trough Screw Conveyors & Feeders CAO



Minimum-residue design

37

VCP Spring-Loaded Pressure Relief Valves



Maximum work safety: ATEX zone 21-certified

APPLICATIONS





UNI EN ISO 9001
Certified Company



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