

Specialised System Components for Flour Milling Plants



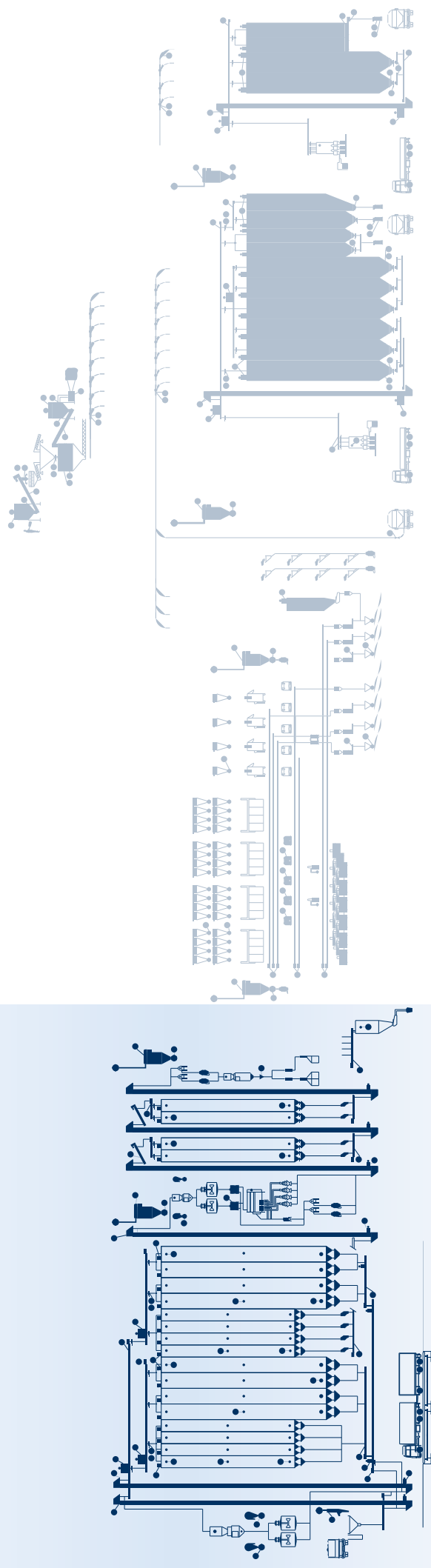
# Flour Milling

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.



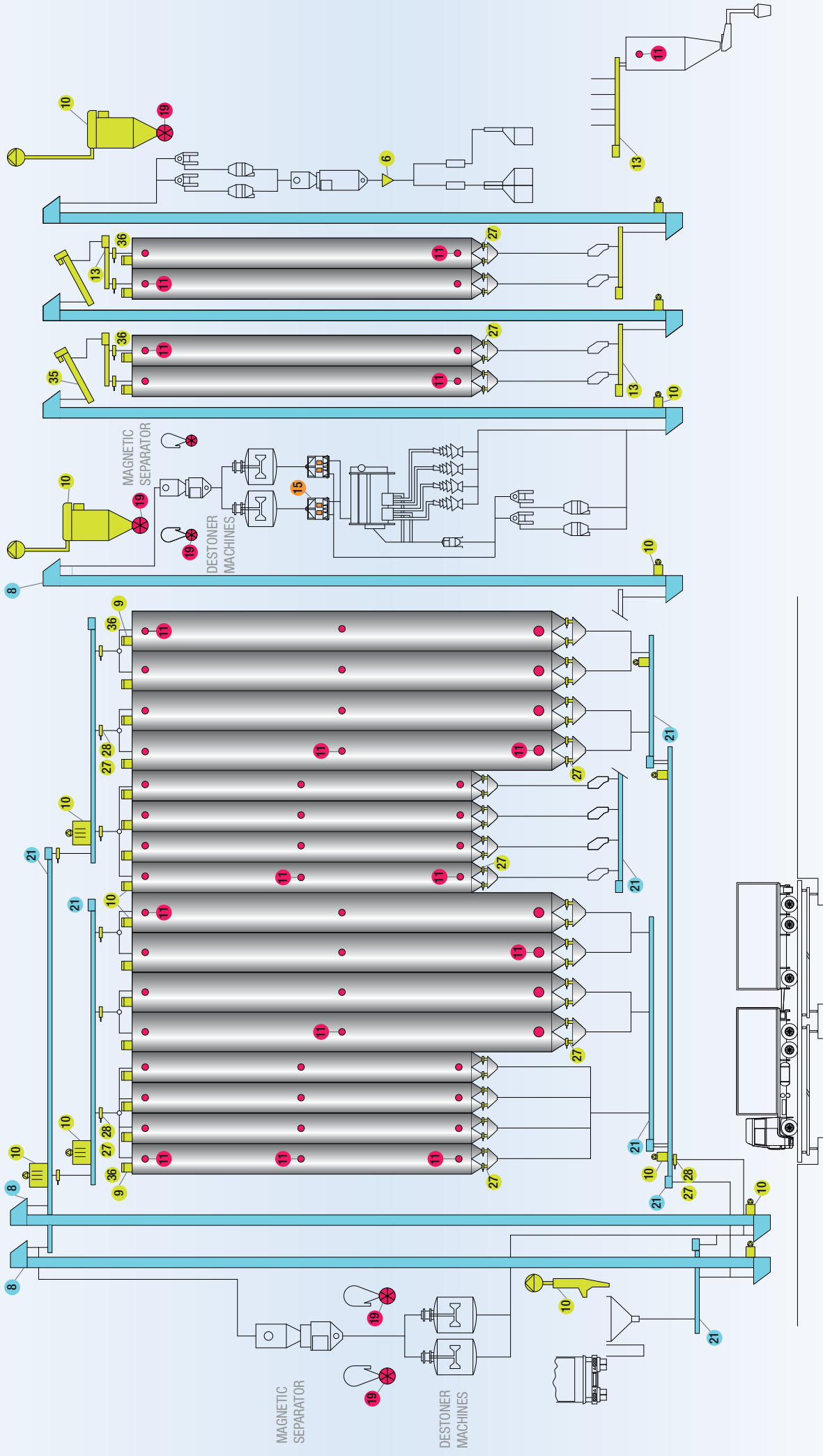
PRE-CLEANING AREA

GRAIN STORAGE SILOS

1st CLEANING AREA

WET GRAIN REST AREA

2nd CLEANING AREA



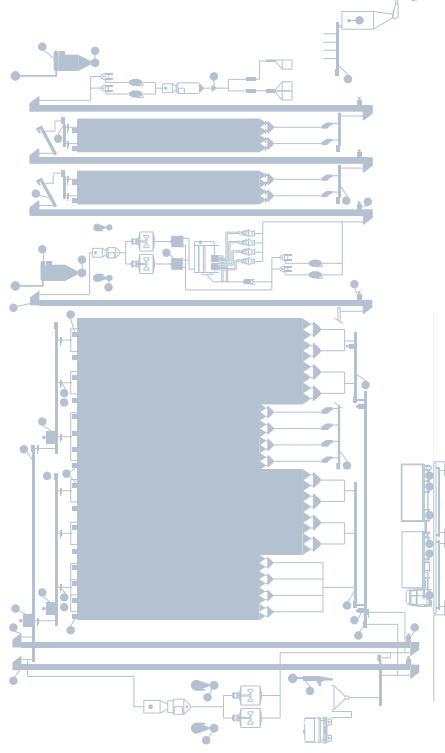
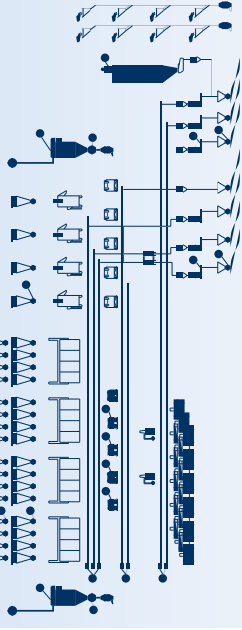
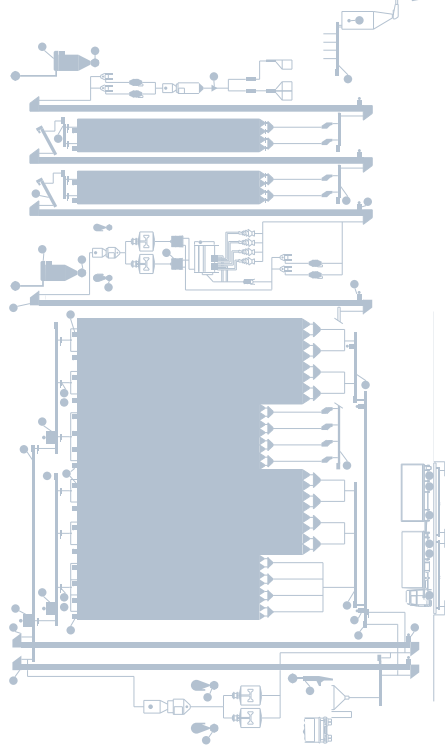
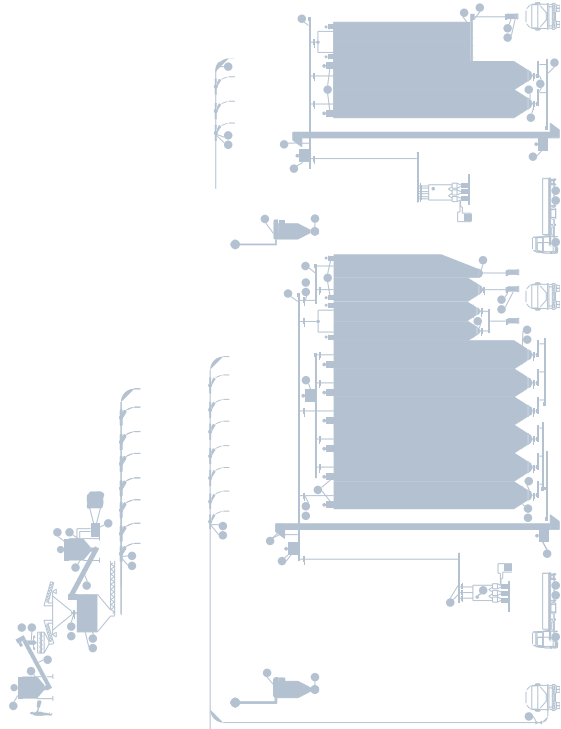
# Flour Milling

## MILLING & SCREENING

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

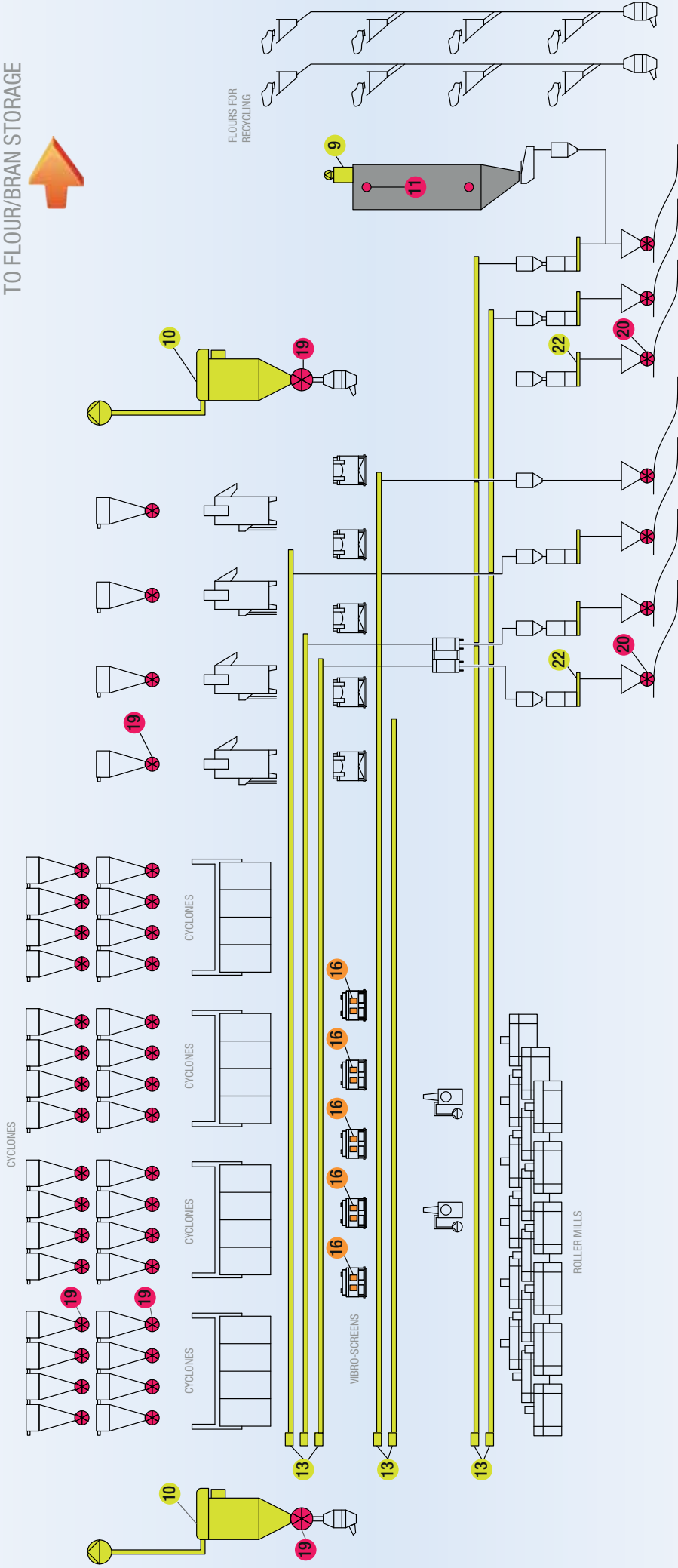
By selecting this specialised equipment, system designers have the assurance they will combine top quality and performance with the highest possible operating efficiency.

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



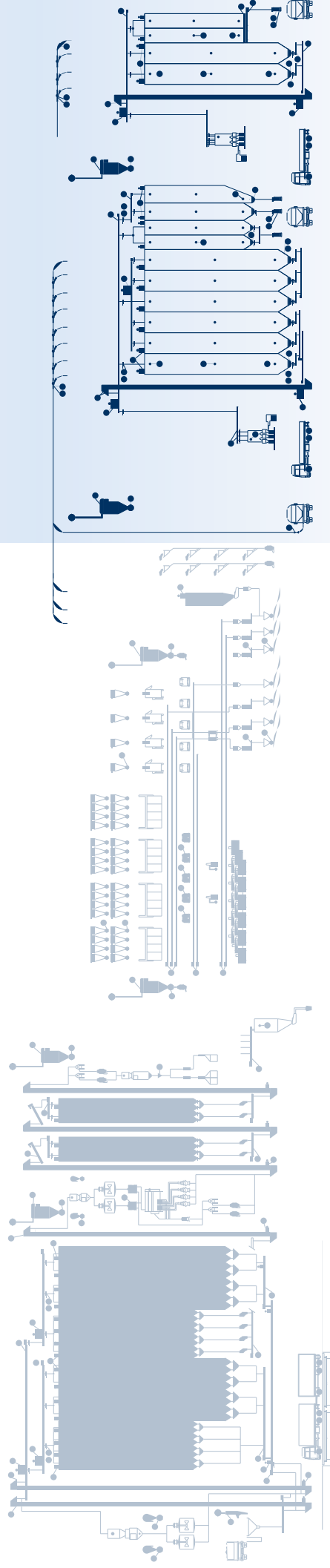


WAMGROUP® offers specialised system components tailored to the specific requirements of project engineers of flour milling plants. By selecting this specialised equipment, system designers have the assurance they will combine top quality and performance with the highest possible operating efficiency.

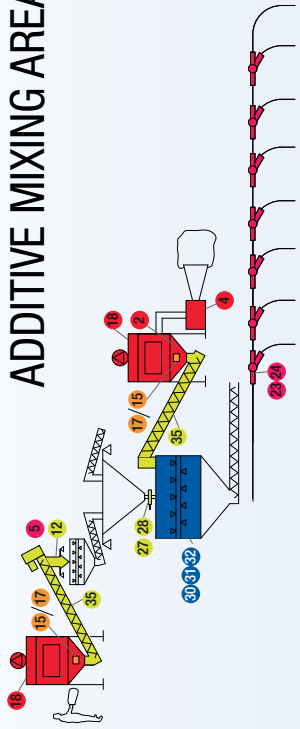
## FLOUR/BRAN STORAGE

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.

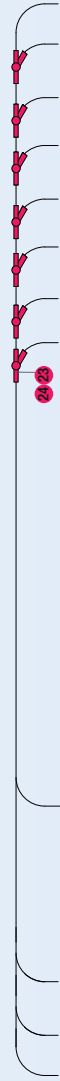
To obtain products with specific properties, flours can be also mixed with other ingredients (additives, vitamins,...) before being packed or stored again.



# ADDITIVE MIXING AREA



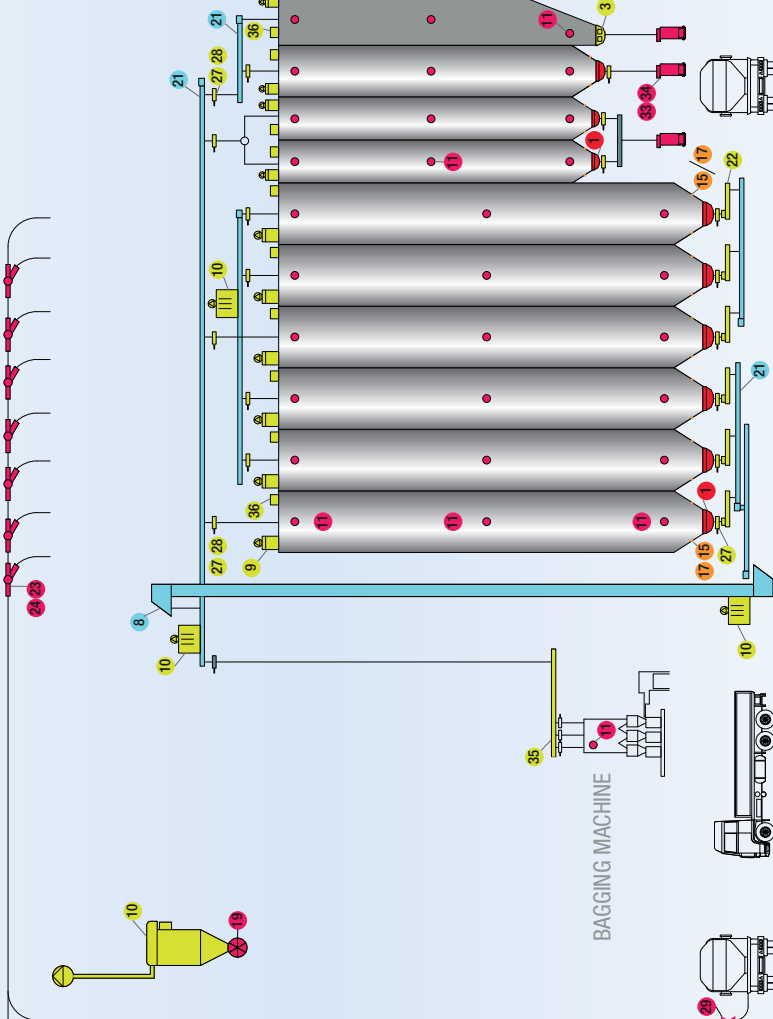
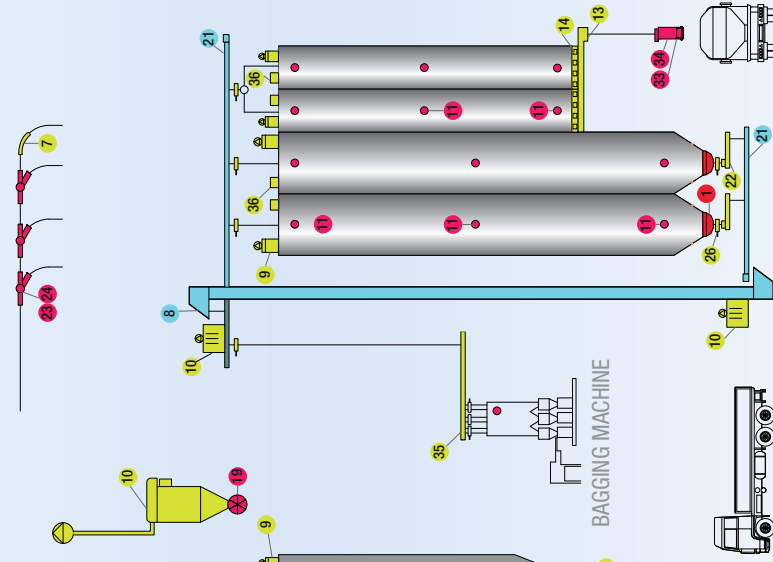
# FLOUR STORAGE



FROM MILLING & SCREENING AREA



# BRAN / SPECIAL FLOURS STORAGE



1 Bin Activators BA-210 BAEX-210



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



2 BINSWEEP® Rotary Dischargers BSN



11 Rotary Level Indicators ILT



3 Tapered Twin Shaft Screw Feeders BU



12 Micro-Batch Feeders MBF-210



4 Waste Bag Compactors COM



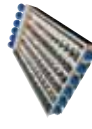
13 Trough Screw Conveyors MSC



5 Loss-In-Weight Screw Feeders DCC



14 Live Bin Bottoms MU



6 Diverter Valves DVA



15 External Electric Vibrators MVE



7 EXTRABEND® & EXTRACURVE® Pipe Elbows



8 Bucket Elevators EF-EC



9 WAMELO® Dust Collectors FN-210 and FX-210



Maintenance-friendly

Easy to install

Process reliability

Easy access for cleaning

Ideal for discharging bran or middlings

ATEX zone 22-compliant

Specialised version

Durable

High impact force

Minimum-residue design

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



063002151 February 2013 Rights reserved to modify technical specifications.



[www.wamgroup.com](http://www.wamgroup.com)