

Specialised System Components for Flour Milling Plants



Flour Milling



BULK MATERIAL
& DUST HANDLING

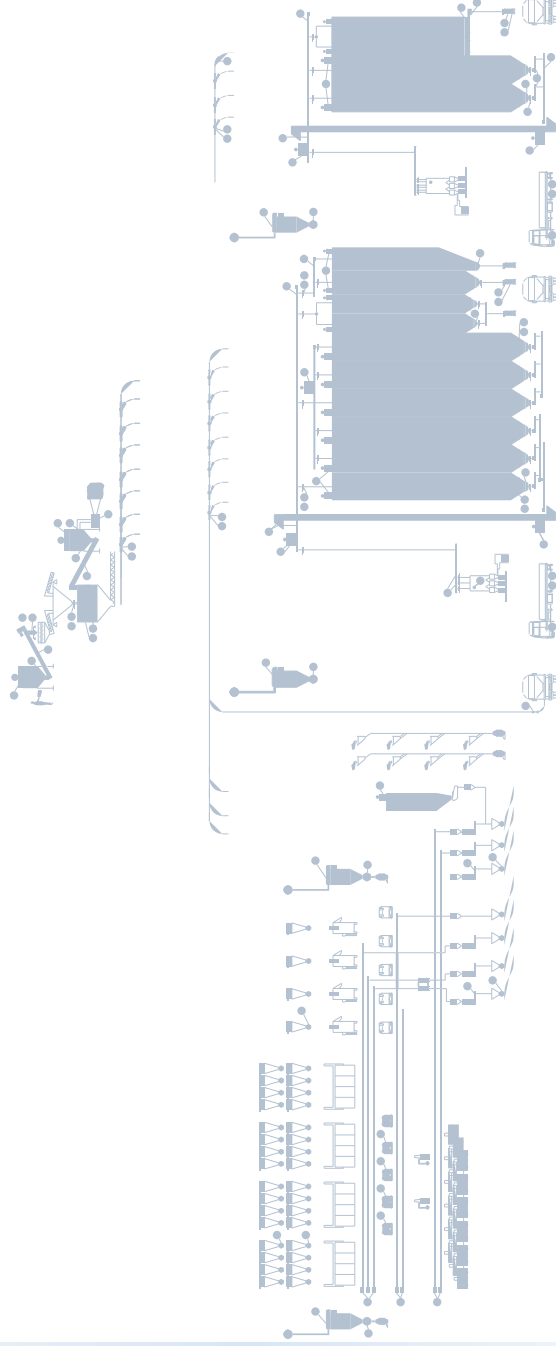
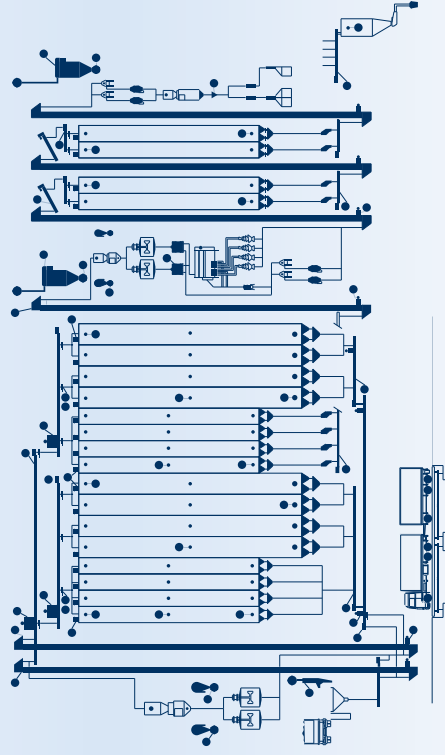
PRODUCT » DENSITY » FLOW

Distributor for  WAMGROUP



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.



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.

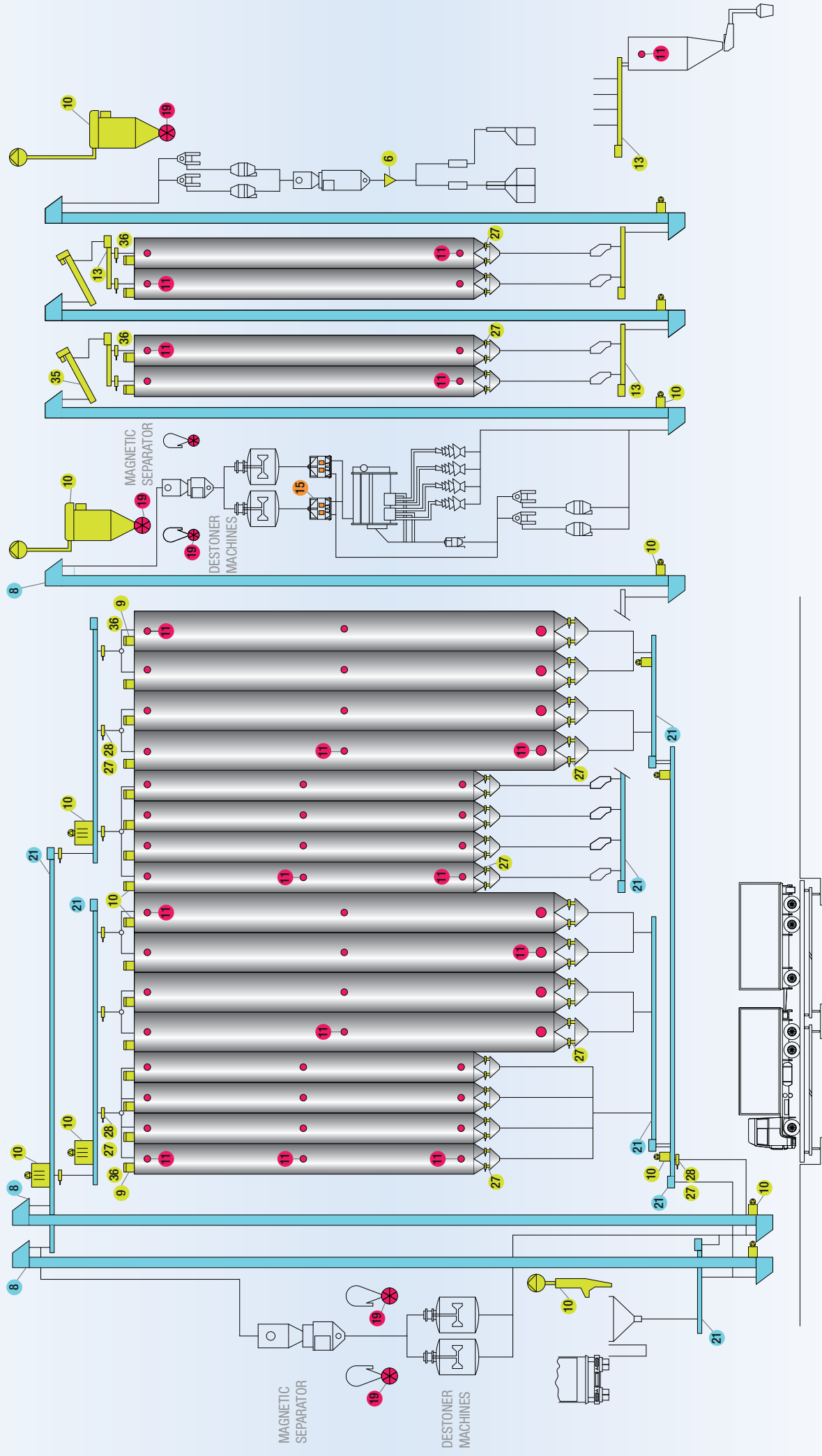
PRE-CLEANING AREA

GRAIN STORAGE SILOS

1st CLEANING AREA

WET GRAIN
REST AREA

2nd CLEANING AREA



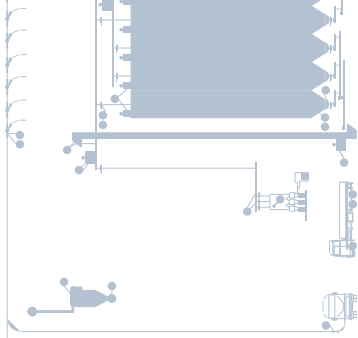
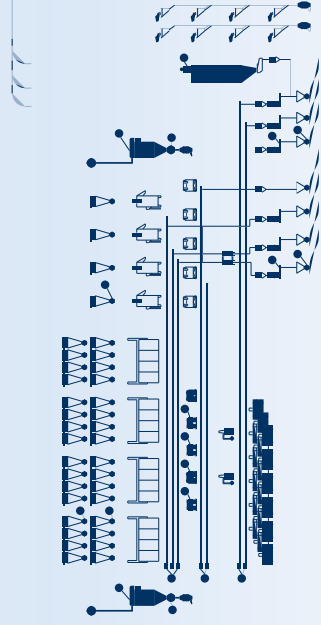
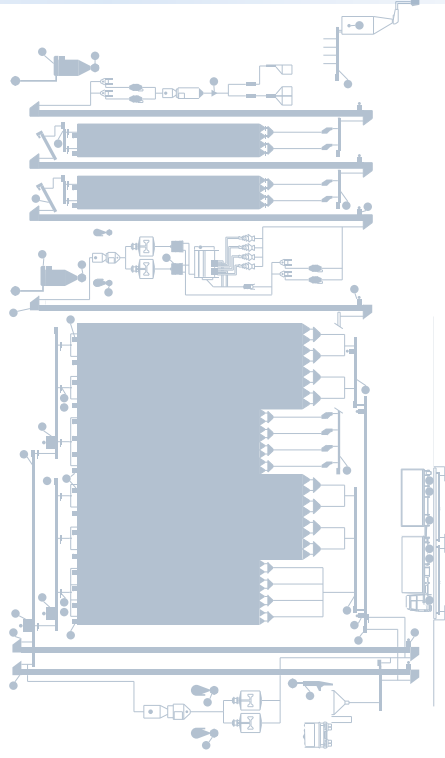
Flour Milling

MILLING & SCREENING

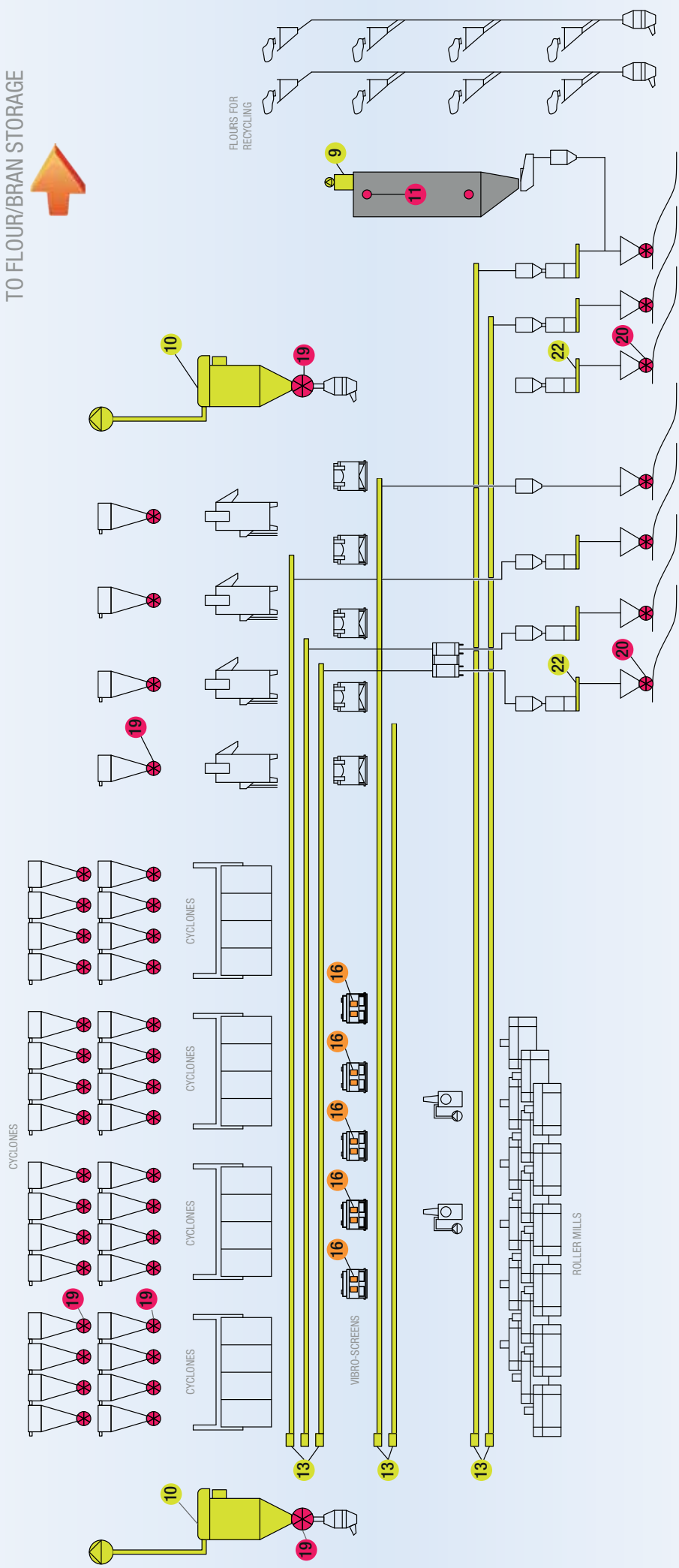
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This is the core of the plant: Cereals are milled to extract the flour from the husk. Several mills and sieves produce flours in different particle size and purity.



TO FLOUR/BRAN STORAGE



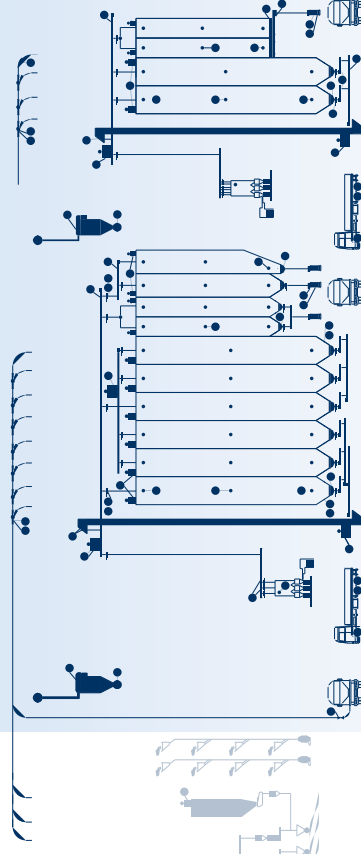
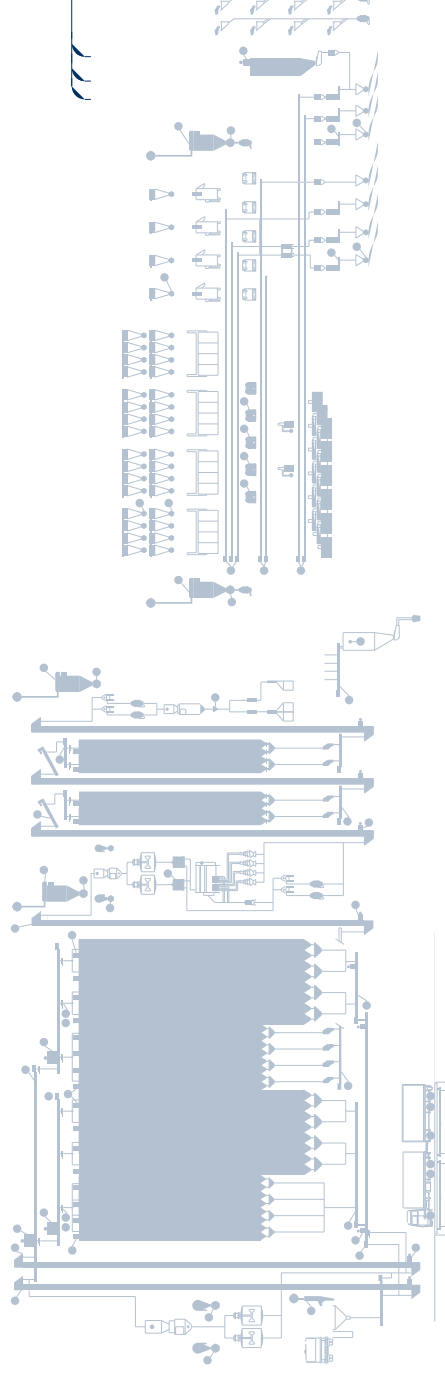
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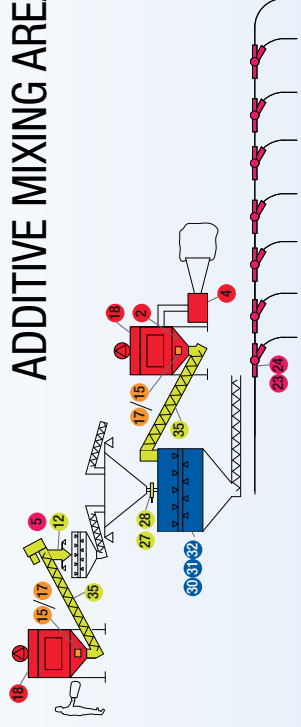
FLOUR/BRAN STORAGE

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

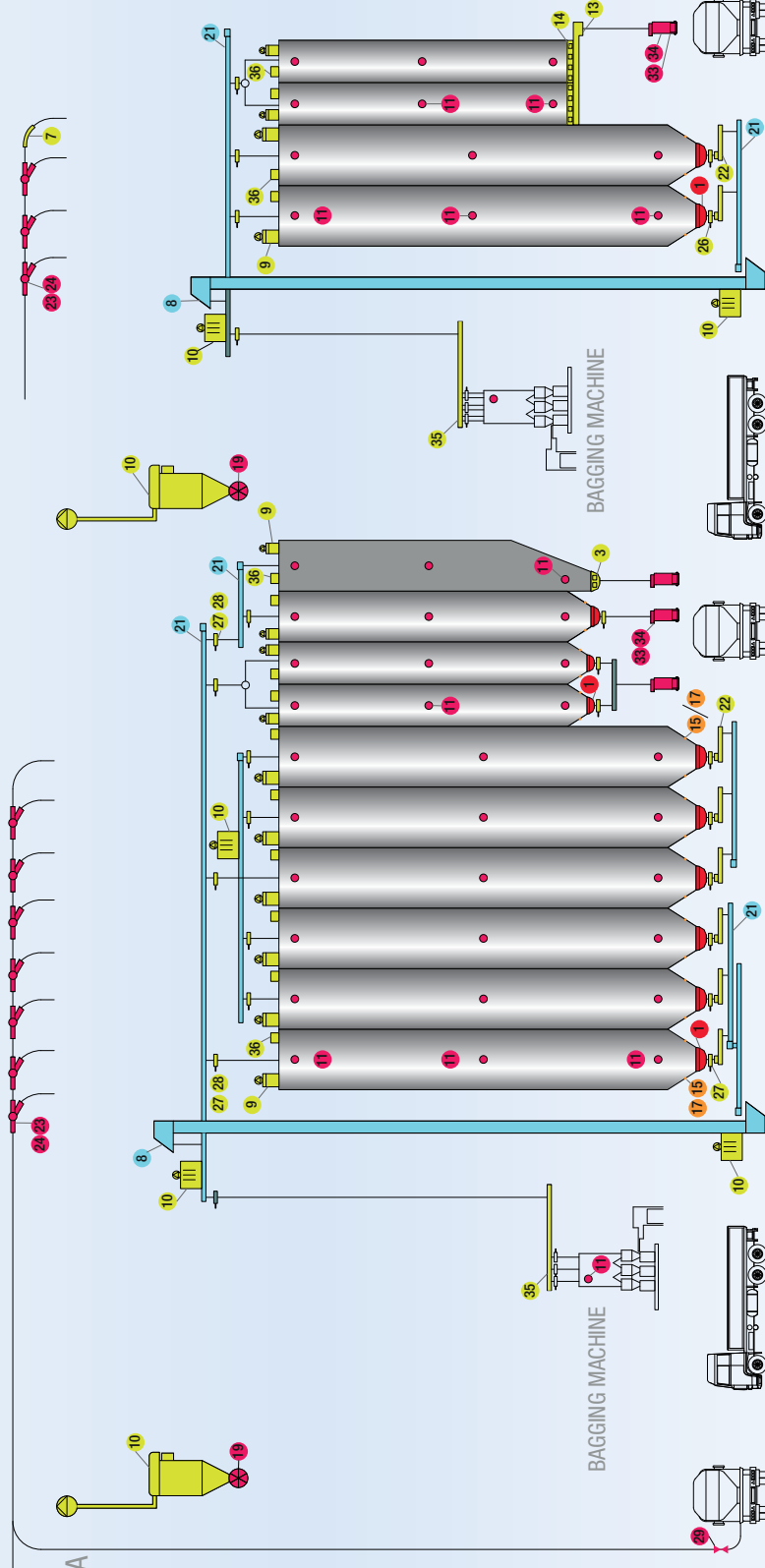


FLOUR STORAGE

FROM MILLING & SCREENING AREA



BRAN / SPECIAL FLOURS STORAGE



- 1 Bin Activators BA-210 BAEX-210
Mass flow discharge



- 2 BINSWEEP® Rotary Dischargers BSN
Height-saving discharge



- 3 Tapered Twin Shaft Screw Feeders BU
Mass flow discharging & feeding



- 4 Waste Bag Compactors COM
Clean work environment & operator safety



- 5 Loss-In-Weight Screw Feeders DCC
Highly reliable and easy to clean



- 6 Diverter Valves DVA
Dustproof



- 7 EXTRABEND® & EXTRACURVE® Pipe Elbows
Abrasion-resistant lightweight design



- 8 Bucket Elevators EF-EC
Maximum work safety, ATEX zone 22-compliant



- 9 WAMFLO® Dust Collectors FN-210 and FX-210
Compliant with ATEX and latest health & safety standards



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



- 11 Rotary Level Indicators ILT
Easy to install



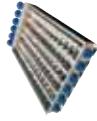
- 12 Micro-Batch Feeders MBF-210
Process reliability



- 13 Trough Screw Conveyors MSC
Easy access for cleaning



- 14 Live Bin Bottoms MU
Ideal for discharging bran or middlings



- 15 External Electric Vibrators MVE
ATEX zone 22-compliant



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



- 17 External Pneumatic Vibrators OT-type
Durable



- 18 MARTSHOCK Pneumatic Hammers PS
High impact force



- 19 Manual Bag Openers RSM-210 - RSMX-210
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



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WAM®



FLITECH®



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EXTRAC®



SPECO®



TOREX®



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TECNO CM

Distributor:

ABN 15 130 794 151
22 Beneficial Way Wangara WA 6065
☎ 08 6314 1100 🖨 08 9303 9447
🌐 www.inquip.com.au ✉ info@inquip.com.au

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