Overview AZO equipment – single components

Welcome to AZO SOLIDS

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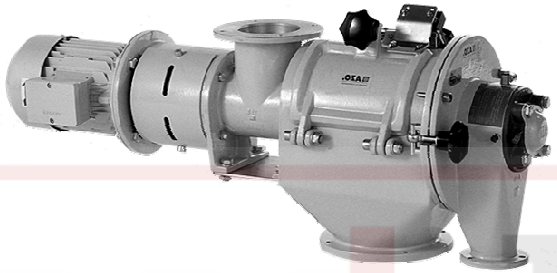
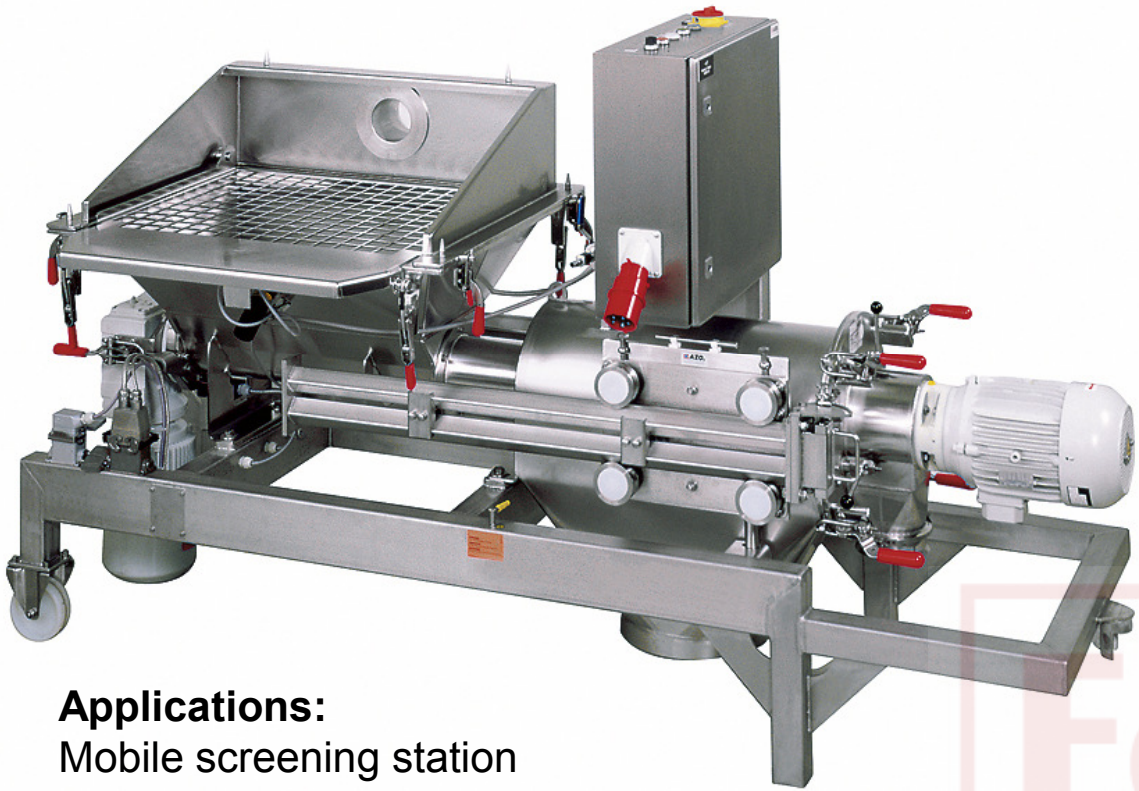
Applications:
Screening under silo

Screener type E

- Bearings at both sides of the rotor
- Available machine size:
  - E 240
  - E 360
  - E 650
  - E 800





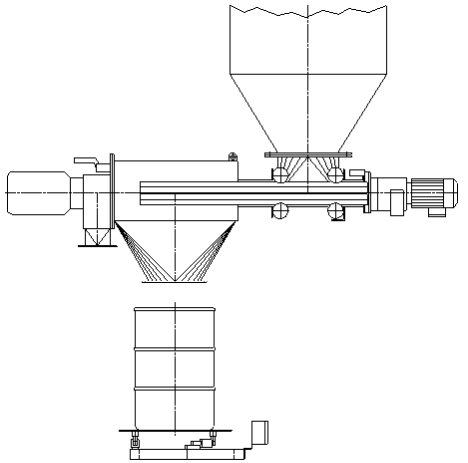
Applications:
Mobile screening station

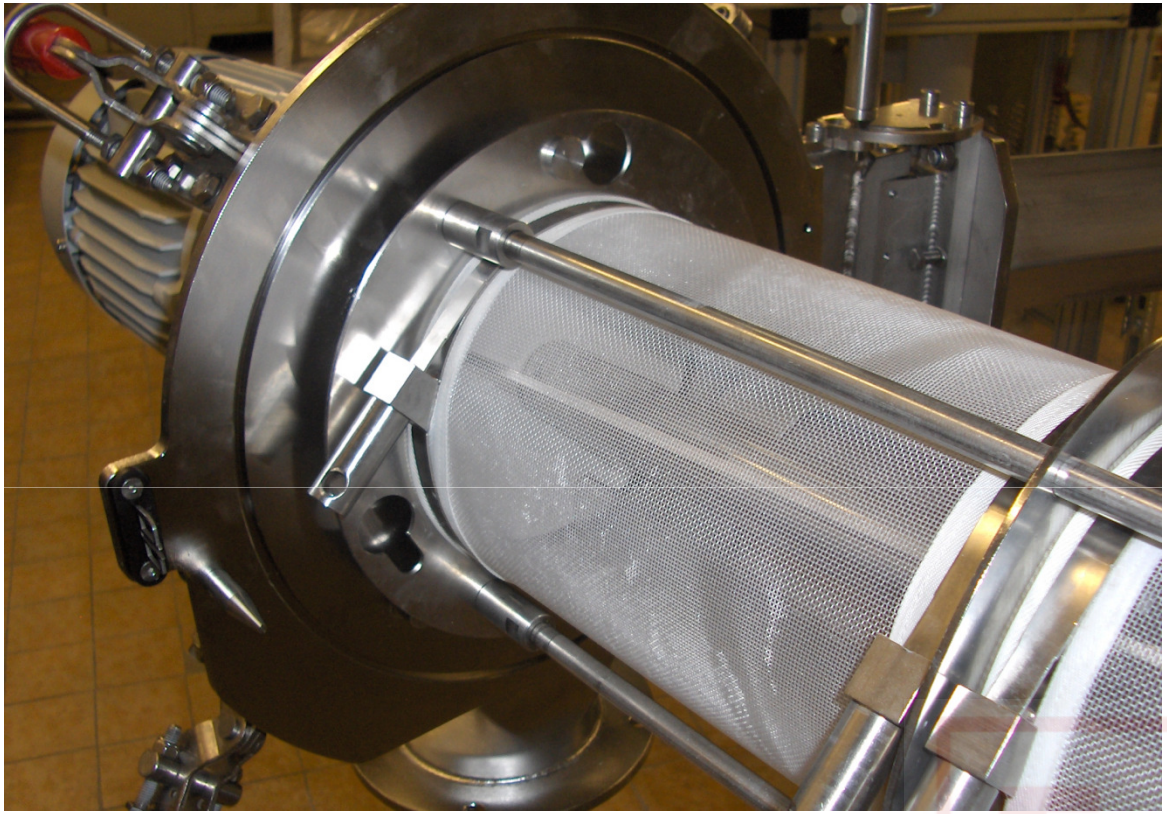
Screener type DA

- Self dosing
- Extraction device
- Available machine size:
  - DA 360
  - DA 650
  - DA 800

Applications:

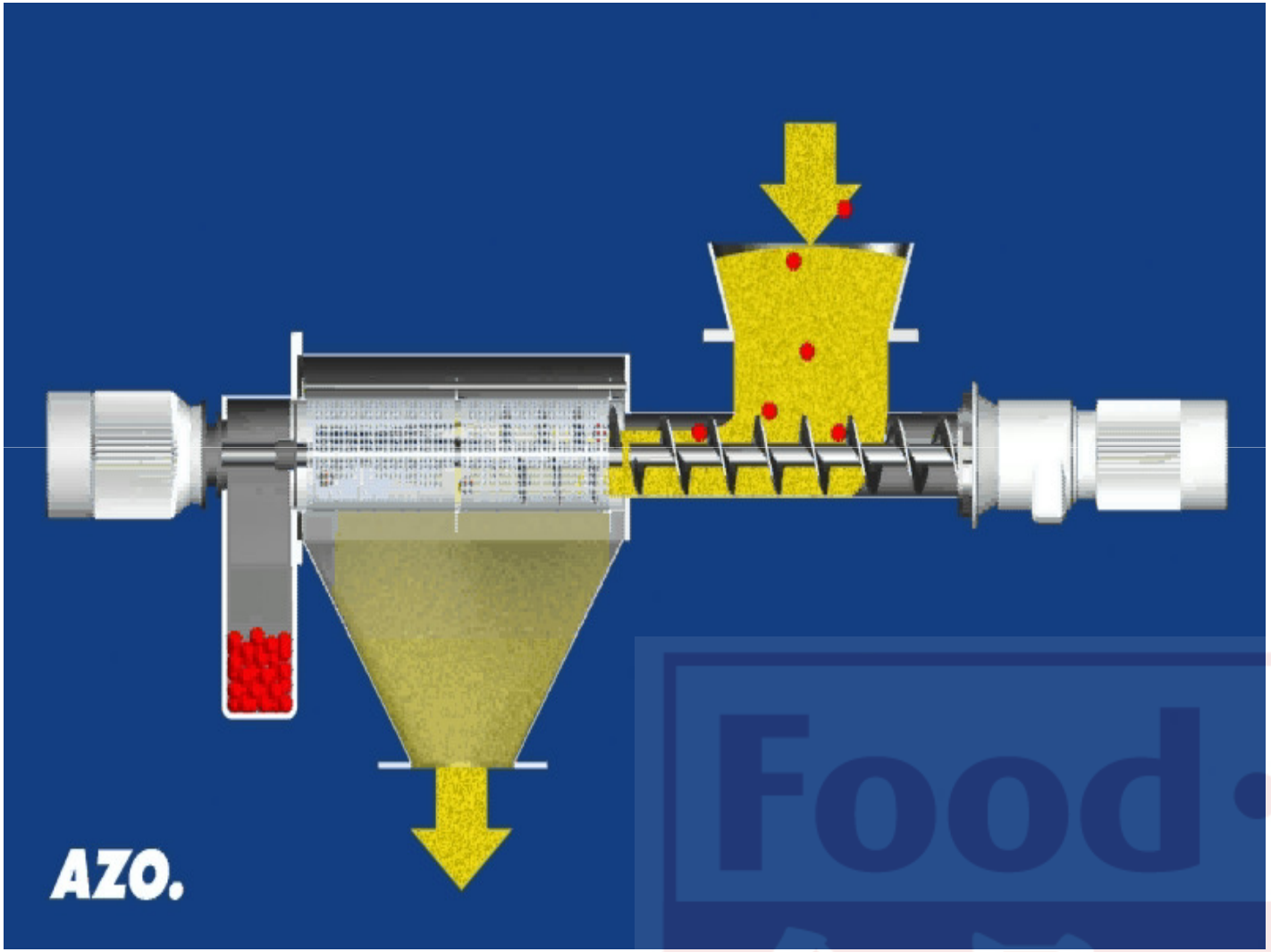
Dosing / filling processes with screener type DA





Overview screen meshes

Mesh size [mm]			
Nylon / PES	*Carbon*	*A2*	*Perforated sheet*
0,100	0,042	0,800	2,000
0,125	0,063	0,870	3,000
0,140	0,077	1,000	4,000
0,165	0,082	1,250	5,000
0,180	0,105	1,400	6,000
0,200	0,112	1,600	8,000
0,250	0,120	2,000	10,000
0,300	0,130	2,500	12,000
0,355	0,145	2,700	15,000
0,400	0,160	3,000	20,000
0,450	0,205	3,150	30,000
0,500	0,245	4,000	
0,600	0,308	5,000	
0,700	0,402	6,000	
0,850	0,475	6,300	
1,000	0,510	8,000	
1,200	0,780	10,000	
1,400	1,000		
1,550	2,000		
1,700	3,050		
2,000			
2,400			
2,800			
3,300			
3,600			
4,000			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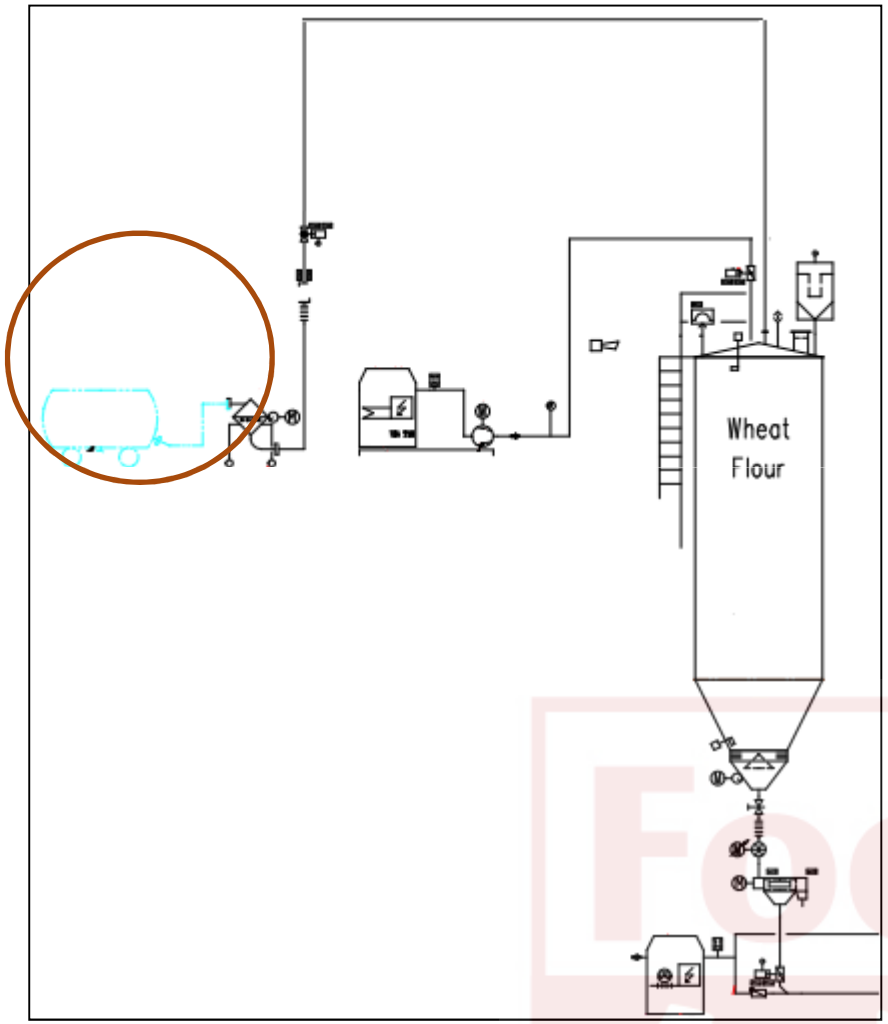

Wheat
Flour

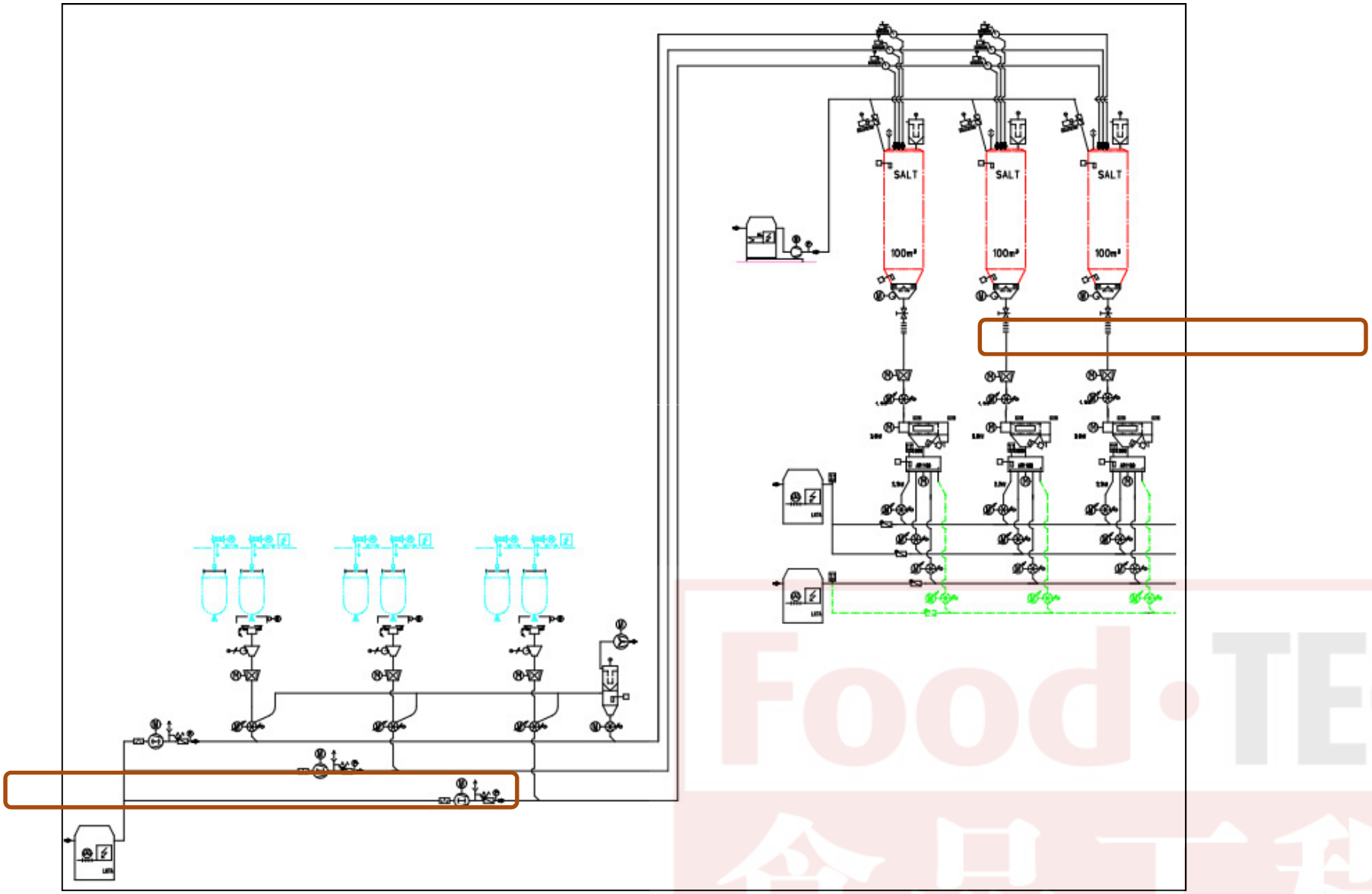
Applications:

The AZO screener TW 650 is used „inline“ during conveyance between the tank truck and the silo. The screener prevents the infiltration of impurities and lumps in the silos.

Technical data:

Screen mesh:	mild steel screen
Mesh size:	2mm/3mm/5mm
Throughput:	15-20to/h with 5mm mesh size (the data is based on wheat flour with bulk weight of 0,5kg/l
Accessories:	Magnetic separator (as option)

Tank truck screener TW650



Applications:

The unit is used for crushing bulk material with a tendency to form agglomerates, clods and lumps.

Technical data:

Throughput:	depending on product
Dimensions:	KB300R / KB500R

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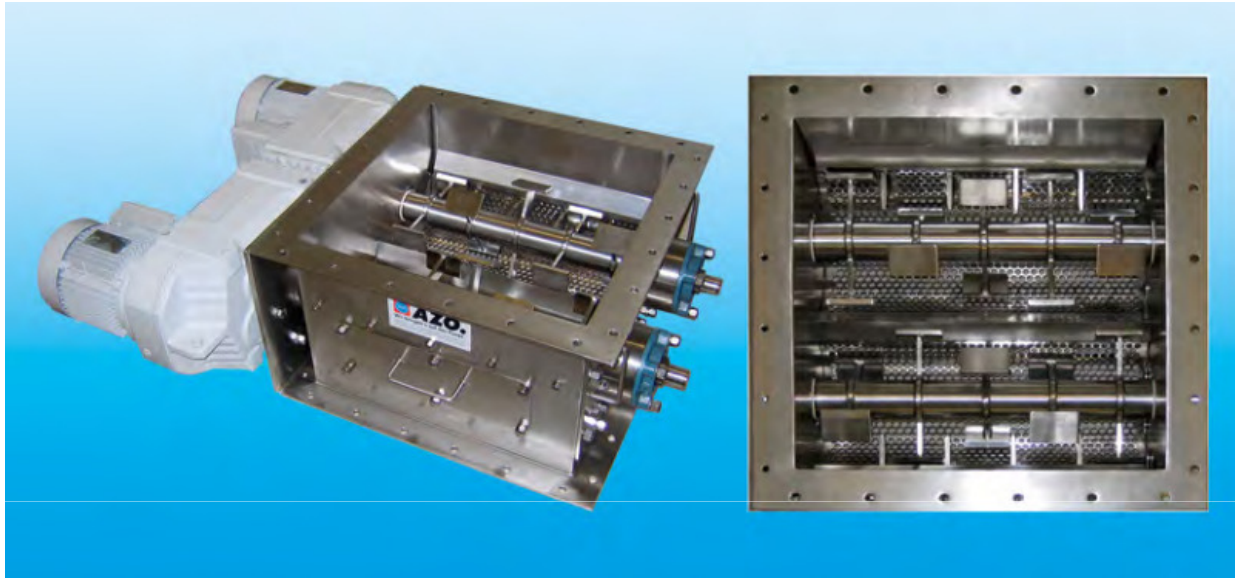
Feeding hopper with subsequent lump breaker for breaking up agglomerates

Crushing device in the lump breaker

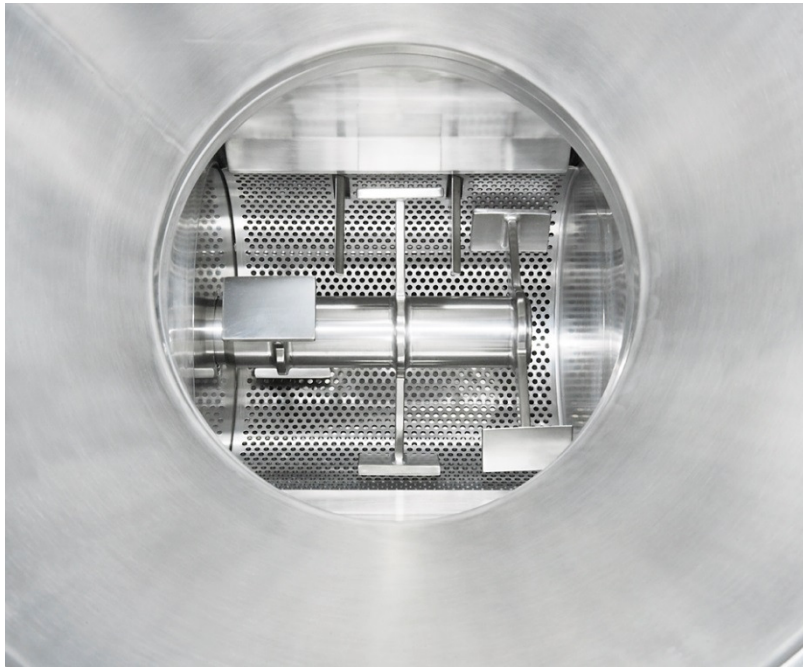


Applications:

The unit is used for crushing and **milling** of bulk material with a tendency to form agglomerates, clods and lumps

Technical data:

Throughput:	depending on product
Dimensions:	KB300Q / KB500Q



Crushing device and straining sieve in the mobile lump breaker

Mobile lump breaker station with extracted straining sieve

Lump breaker

Big bag docking system with vibration delumping grid

Big bag crusher for delumping
suitable for exceptionally big lumps

Applications:

For dust-tight docking and safe dumping of lined and un-lined big bags. Suitable for all free-flowing materials.

Special advantages:

Dust-tight docking

Reliable discharge

Easy handling

Individual use (exchangable inner pipe)

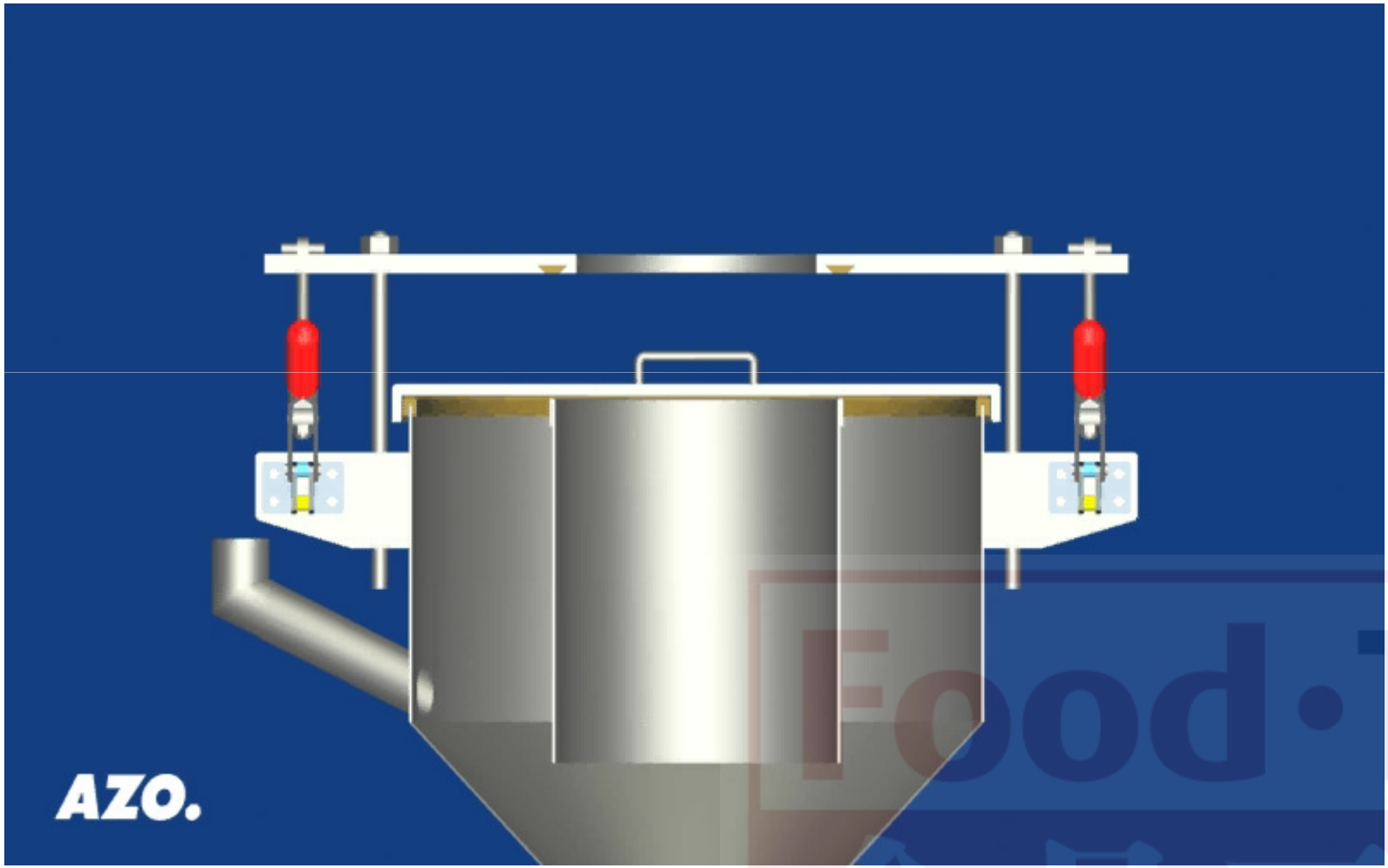
Type	Ø A	Ø B	Ø C
BBA 210 A	210	500	230-280
BBA 250 A	250	500	280-330
BBA 300 A	300	500	330-380
BBA 350 A	350	500	380-450
BBA 400 A	400	600	450-500
BBA 450 A	450	600	> 500

Type	Ø A	Ø B	Ø C
BBA 210 F	210	500	230-280
BBA 250 F	250	500	280-330
BBA 300 F	300	500	330-380
BBA 350 F	350	500	380-450
BBA 400 F	400	600	450-500
BBA 450 F	450	600	> 500

BBA with vibration outlet

BBA with inflatable seal

BBA with lowering system
to tauten the Big Bag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Big bag connection with slitting device

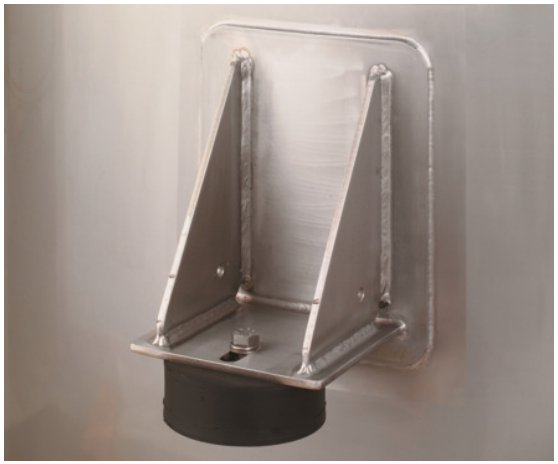
Big bag connection system with slitting device for big bags without spout.

The special circular vacuum aspiration is used for dust-free docking

With massager for discharge support

Hoppers

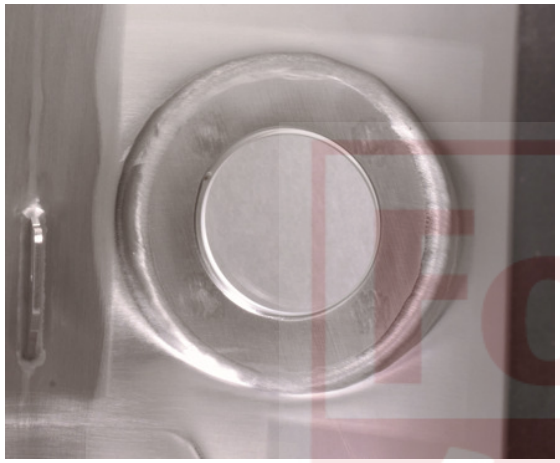
Hopper adaptors cylindrical cones



Reinforced support brackets

Inspection glasses

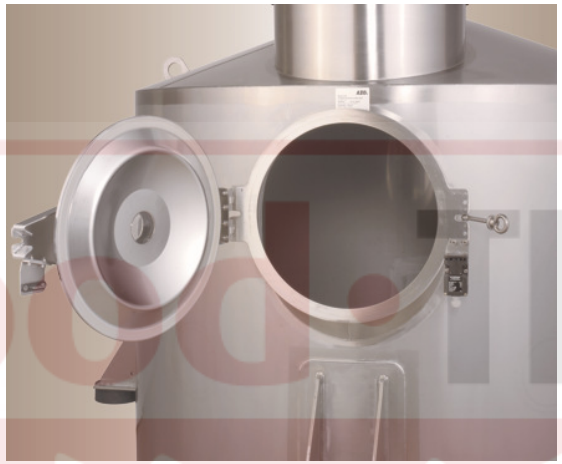
Ready insight



Plain inside hopper wall

Hatches

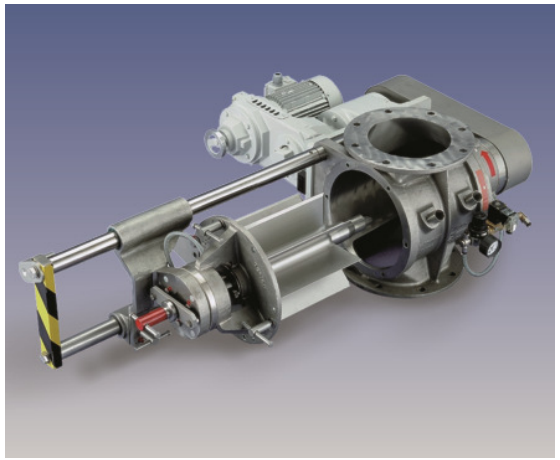
Single-hand lock



Slanted outflow, no product residues

Screener, rotary valve

Cyclone screener type DA
with extraction device



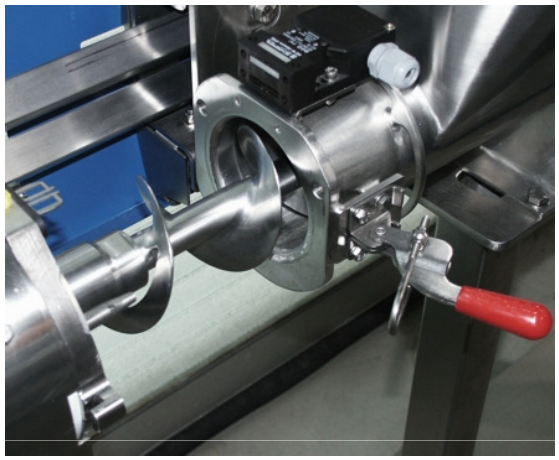
Rotary valve with extraction device

Receiver, Filter

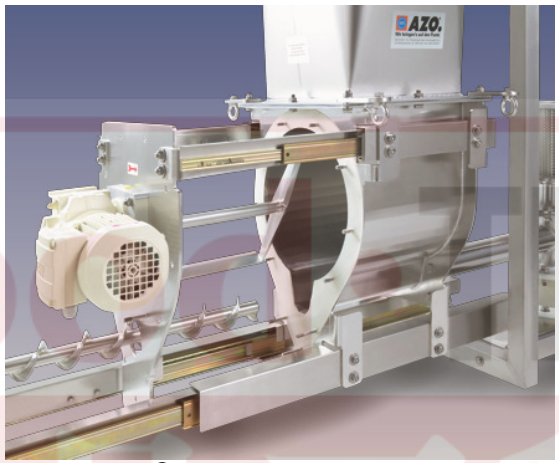
Receiver, easy to dismantle

Sliding device at the cover for easy
filter inspection

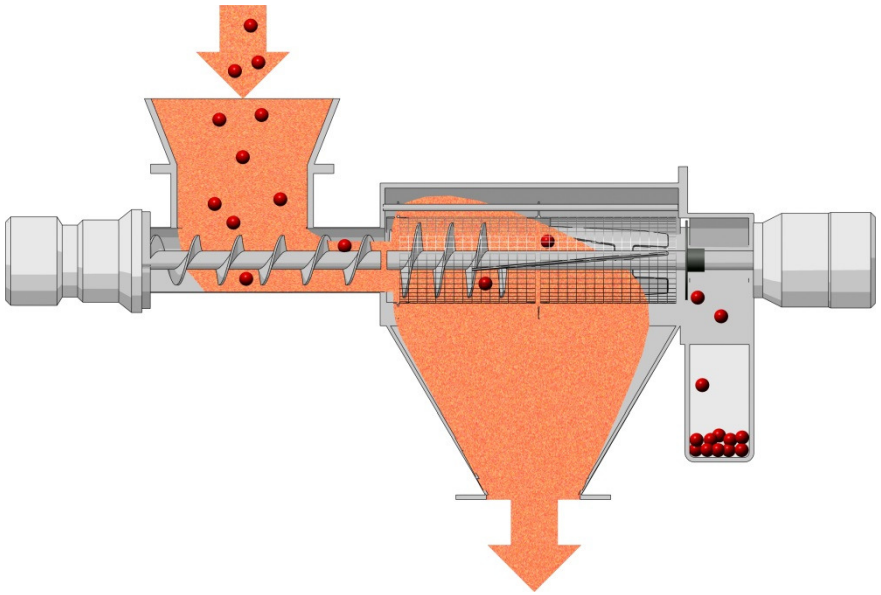
Dosing screw, AZODOS®



Dosing screw with quick opening
device



AZODOS® with extraction device
for screw and stirring unit



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