



BIKO TECHNIK



**STORAGE
CONVEYING
MIXING
GRINDING**

**DOSAGE
DEDUSTING
GRANULATION
DRYING**

STORAGE

- steel silo BKSS
- loading spout BKLS
- loading positioner BKLP
- BIG BAG filling and discharging machine BKBL/BKBU
- sampler BKSA
- slide gate BKKG
- flow control gate BKCG
- silo discharge system BKDU

MIXING

- fluidal mixer BKFM
- screw mixer BKSM
- batch mixer BKBM
- intensive mixer BKRM

CONVEYING

- bucket elevator BKBE
- screw conveyor BKSC
- belt conveyor BKBC
- chain conveyor BKCC
- air slide BSAS
- dilute phase pneumatic conveying BKPI
- diverse valve BKDV

DOSAGE

- rotary valve BKRV
- bin feeder BKBD
- belt feeder BKBF
- screw feeder BKSD

DEDUSTING

- bag dust collector BKDF
- cartridge dust collector BKDC
- central vacuum cleaner BKVC

GRINDING

- lump crusher BKLC
- hammer mill BKHM
- overpressure pulverisor BKOP

GRANULATION

- disc granulator BKDG
- pin granulator BKPG

DRYING

- vibrofluidized bed dryer BKFD

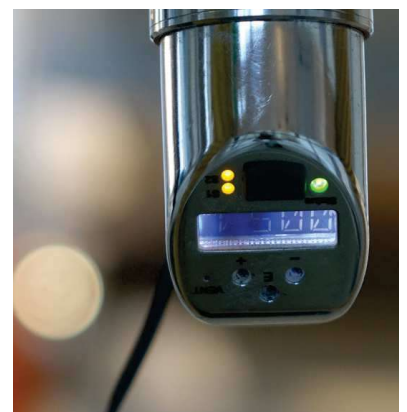
SERVICES AND CAPABILITIES

- turn-key solutions
- assemblies
- stainless steel tanks and machinery
- refractory linings and casting
- rotary kilns burners
- engineering
- automation
- testing and research
- steel structures
- machining

25 YEARS OF EXPERIENCE

WWW.BIKOSERWIS.PL

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SILO SYSTEMS

LOADING AND TRANSHIPMENT TERMINALS

Silos up to 250 m³ completely welded and delivered as a whole. Possibility of thermal insulation, weighing, Atex approval. Complete storage systems for bulk and powders.



STORAGE

INSULATED | STAINLESS | FLUIDISED | FOR
ATEX ZONES

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DUCTS AND PIPING

For transport of liquids, cold
and hot gases, powders



PROCESS TANKS AND VASSELS

With built-in mixers, heat
exchangers, dispensers



STORAGE

INSULATED | STAINLESS | FLUIDISED | FOR
ATEX ZONES

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LOADING SPOUTS

LOADING OF SILOTRAILERS AND CARS

The possibility of additional
internal scale, dust filtering
and filing support.



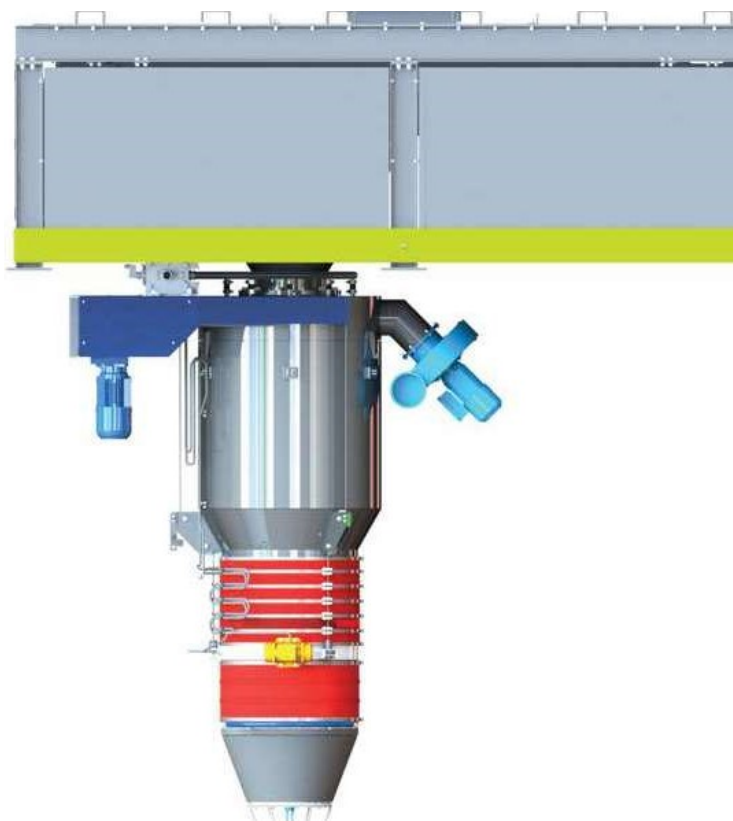
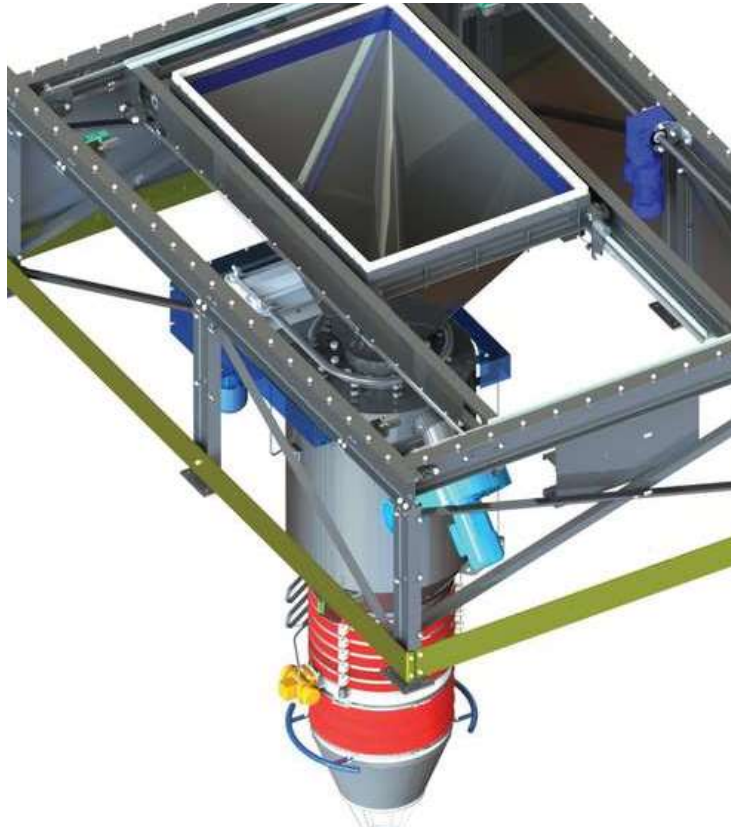
STORAGE

SILOTRAILERS | CARS | PILING
FOR ATEX ZONES

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LOADING POSITIONERS



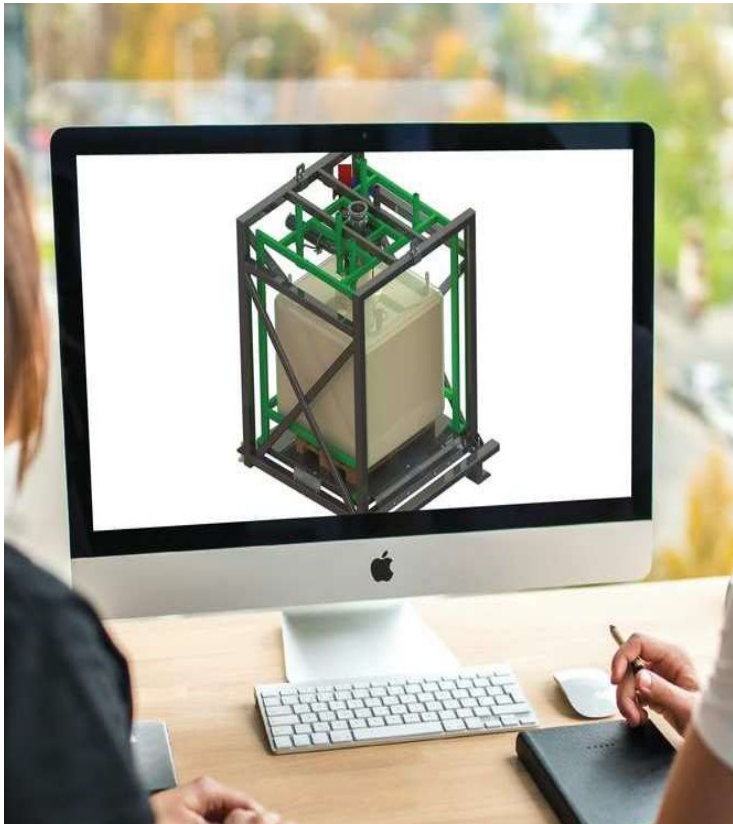
REGULATION IN ONE OR TWO AXES

Possibility of adjusting the place of loading to the position of the silotrailer. Adjustable ranges, work in an automatic cycle.



STORAGE
SILOTRAILERS | CARS | PILING
FOR ATEX ZONES

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FIBC / BIG BAGS FILLING MACHINES

FIBC filling stations for one
or four hangers, with process
automation.

DISCHARGING OF FIBC / BIG BAGS

Correct emptying of big bags
and the absence of dust
emissions are essential for
the good operation of the
machine.



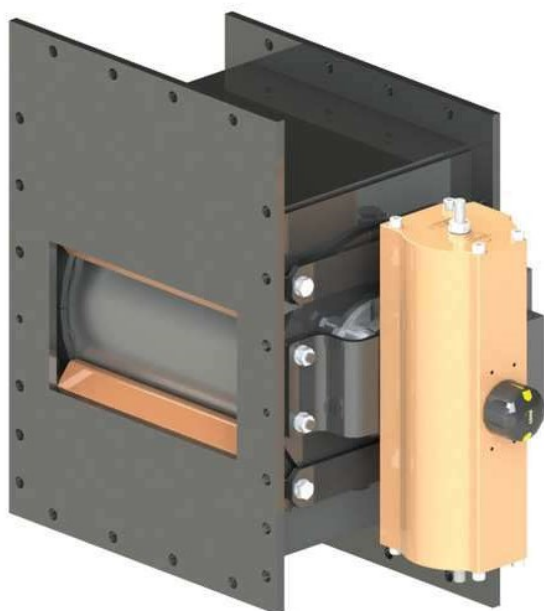
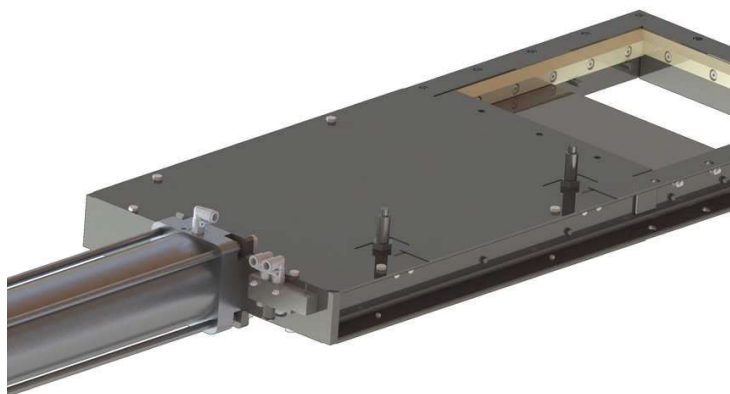
STORAGE

BAG'S BLOWER | INTEGRATED DUST FILTER
CERTIFIED WEIGHTING SYSTEM

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SLIDE GATES



FLOW CONTROL GATES

Used at outlets from silos and airslides for fluent regulation of fluidised powder stream.



PNEUMATIC | CHAIN | ELECTRIC, MANUAL | FOR ATEX ZONES

STORAGE

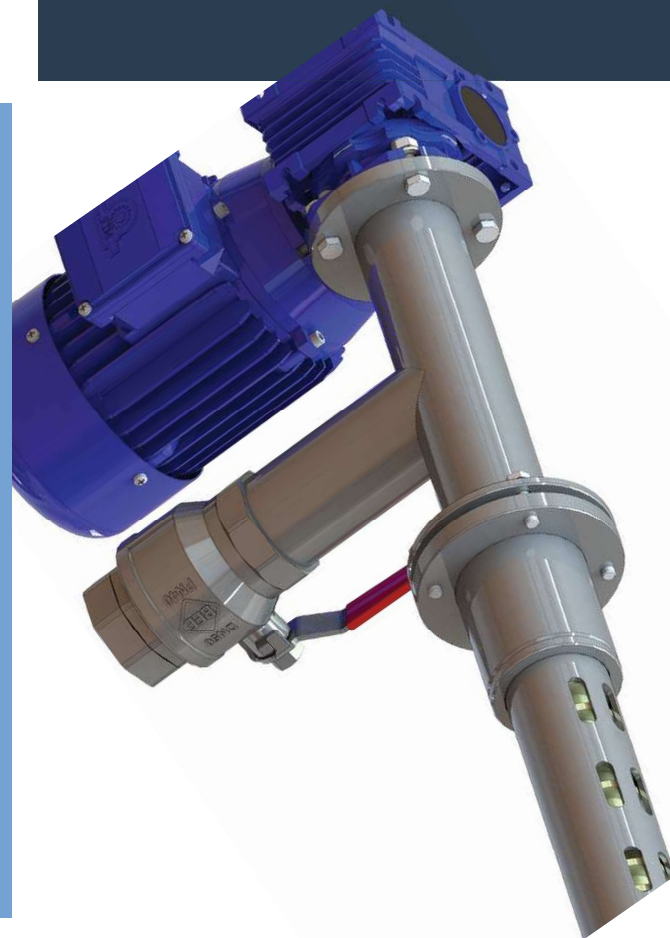
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SAMPLERS

FOR POWDERED RAW MATERIALS AND PRODUCTS

Electric or manual samplers
can be installed in hoppers
and silos.



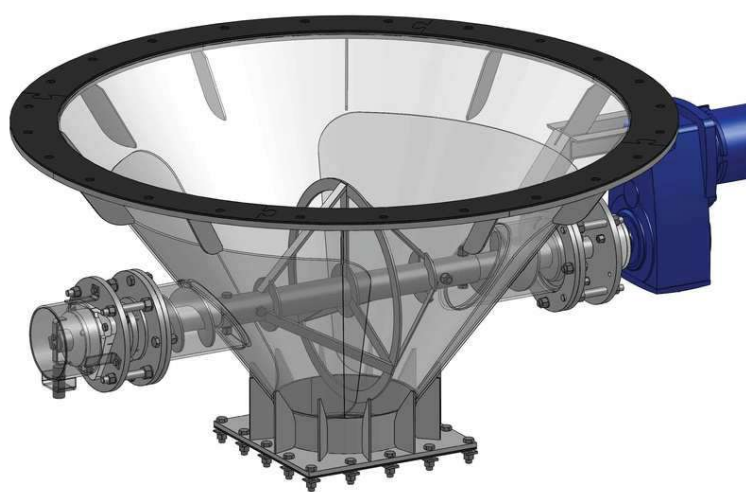
STORAGE

ADJUSTABLE LENGTH AND CAPACITY
FOOD APPROVAL

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SILO DISCHARGE SYSTEMS



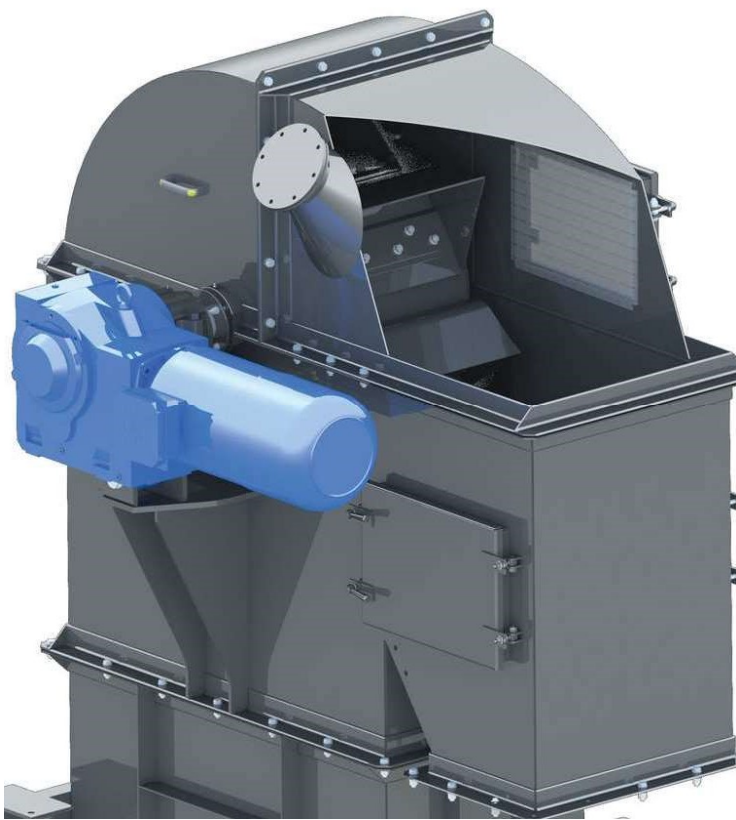
SOLUTION FOR POOR FLOW PRODUCTS

Mechanical support of
discharge from silos, with
easy access
to service areas.



STORAGE
OPTIMAL MIXER SHAPE
SLIDE LINING

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BUCKET ELEVATORS

THE MOST EFFECTIVE VERTICAL TRANSPORT

Internal guidance of a tail drum and a covered gravitational tension unit ensure failure-free operation.



CONVEYING

BELT | CHAIN | STAINLESS | FOR ATEX ZONES

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SCREW CONVEYORS



PROVEN CONVEYOR FOR EVERY JOB

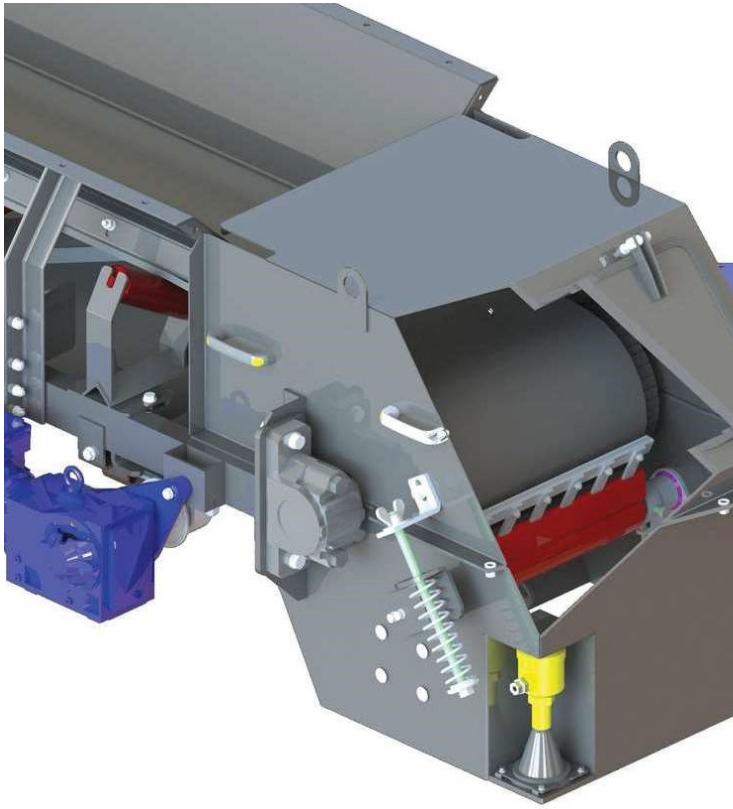
Horizontal, incline or even
vertical - almost every
product, almost every
working condition.



CONVEYING

DISCHARGING | VARIABLE FLIGHTS GEOMETRY
WEAR RESISTANT | FOR ATEX ZONES

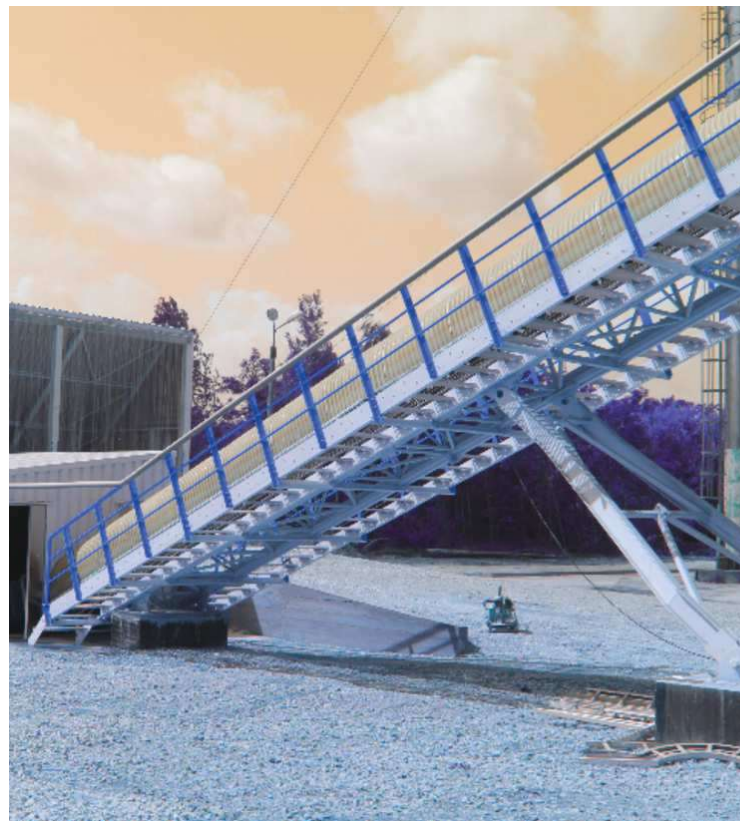
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BELT CONVEYORS

MASS TRANSPORT WITHOUT RESTRICTIONS

Only the details of the
solution form a good
conveyor.



CONVEYING

REVERSIBLE | MOVABLE | MOBILE
REVOLVING

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CHAIN CONVEYORS



VERIFIED IN HARD CONDITIONS

The most durable at high
temperatures and loads, with
a double chain guarantee
steady operation.



CONVEYING

WEAR RESISTANT LINING | VARIABLE ROUTE
ANGLES | FOR ATEX ZONES

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AIR-SLIDES

THE LOWEST COST OF A HORIZONTAL TRANSPORT

Just make your powder move
like a liquid.



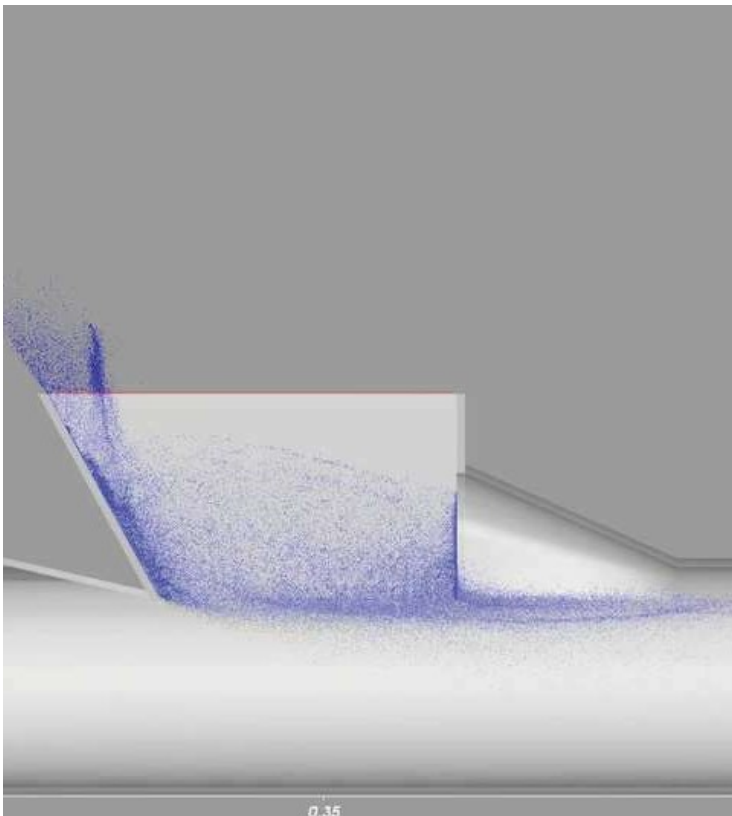
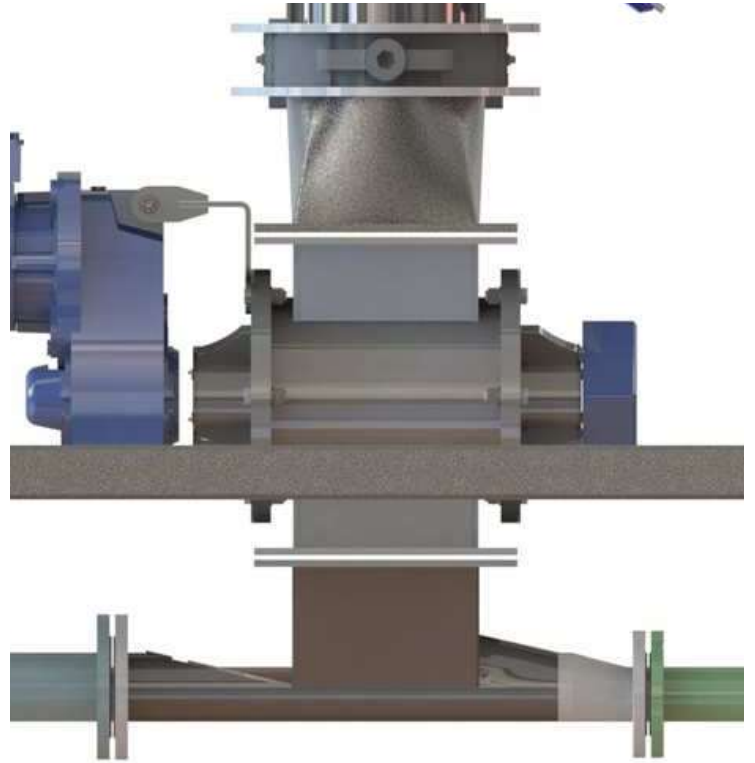
CONVEYING

COMPLETE SYSTEMS | INTEGRATED DUST
FILTER | SMOOTH FLOW CONTROL

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DILUTE PHASE PNEUMATIC TRANSPORT



FLEXIBLE SYSTEM OF PNEUMATIC CONVEYING

The most effective and modifiable, thanks to two-stage simulations CFD and DEM adapted to transported product.



CONVEYING
COMPLETE SOLUTIONS
SIMULATIONS | FOR ATEX ZONES

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DIVERSE VALVES

TIGHT AND SMOOTH CHANGE OF DIRECTION

For gravity and pressure
chutes, according to
standard geometry and
individually designed shapes.



CONVEYING

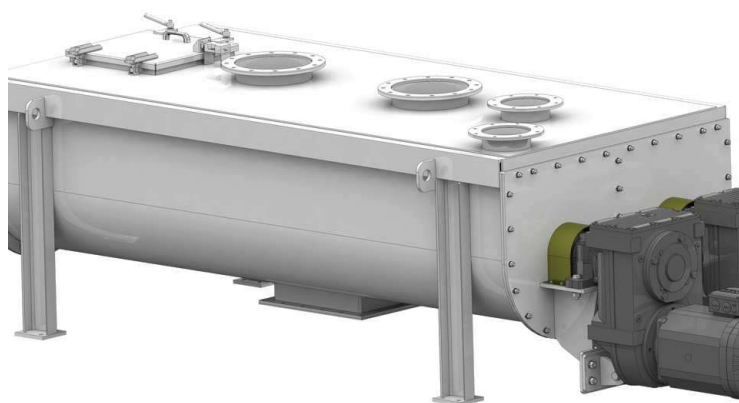
MANUAL | PNEUMATIC | ELECTRIC DRIVE

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FLUIDIZED MIXERS

No moving parts, no need to prepare a portion. Extremely low operating costs.



SCREW MIXERS

Continuous or batch operation. High efficiency, work in a multi-stage system. The perfect solution for materials with different densities or particle sizes.



MANY SIZES | STAINLESS VERSIONS FOR ATEX ZONES | CONTAINER BLENDING PLANT FLUMIX

MIXING

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BATCH MIXERS

INTENSIVE MIXERS

For gravity and pressure chutes, according to standard geometry and individually designed shapes.



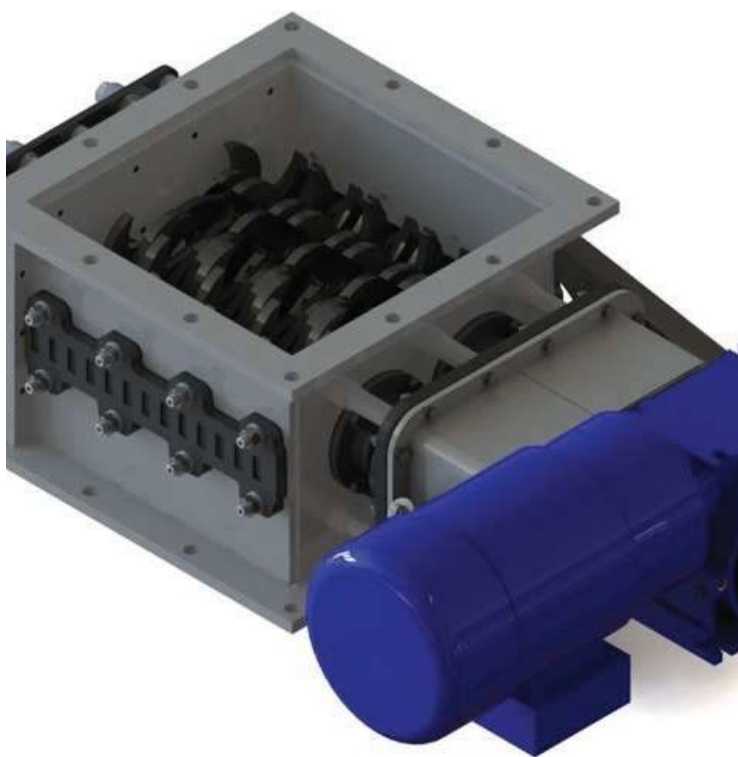
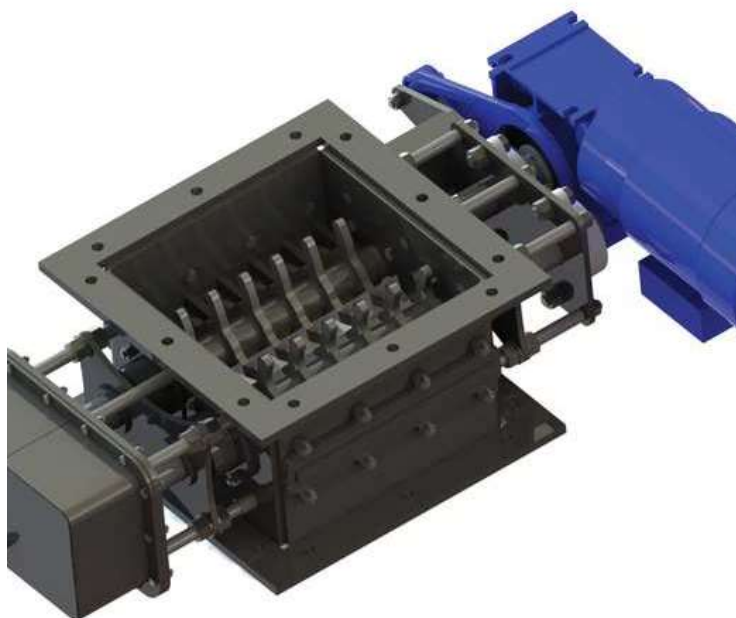
MIXING

MANY SIZES | STAINLESS VERSIONS
FOR AREX ZONES

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LUMP CRUSHERS



VERSATILE CRUSHERS

It crumbles and homogenizes
all dry solids and
agglomerates.



MANY SIZES | EASY REPLACEMENT OF BLADES
INTEGRATED SIEVE

GRINDING

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HAMMER MILLS

OVERPRESSURE MILLS - PULVERIZERS

increasing the specific
surface area of sorbents and
fillers



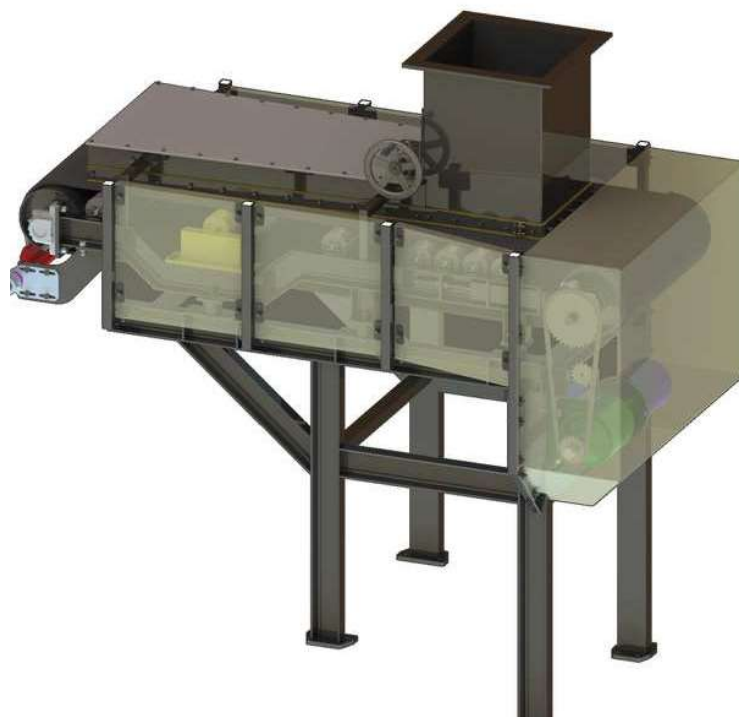
GRINDING

BIOMASS | FERTILIZERS | WASTE | SORBENTS

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BELT FEEDERS



FOR VARIOUS MATERIALS

Dosing during transport,
especially for hard-flow
products.



DOSING

SIZES ADAPTED TO AVAILABLE SPACE
FOR ATEX ZONES | FOR FOOD PRODUCTS

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TANK FEEDERS

DOUBLE DOSING RANGE

Thanks to the hybrid dosing screws, the dispenser achieves great accuracy both with large and small doses.



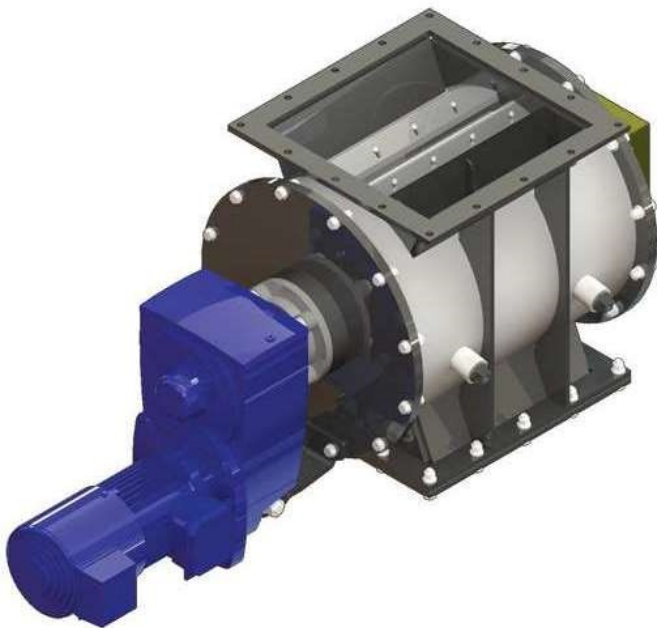
DOSING

MANY SIZES | STAINLESS VERSIONS
FOR ATEX ZONES

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ROTARY VALVES



DOSING AND SEPARATION

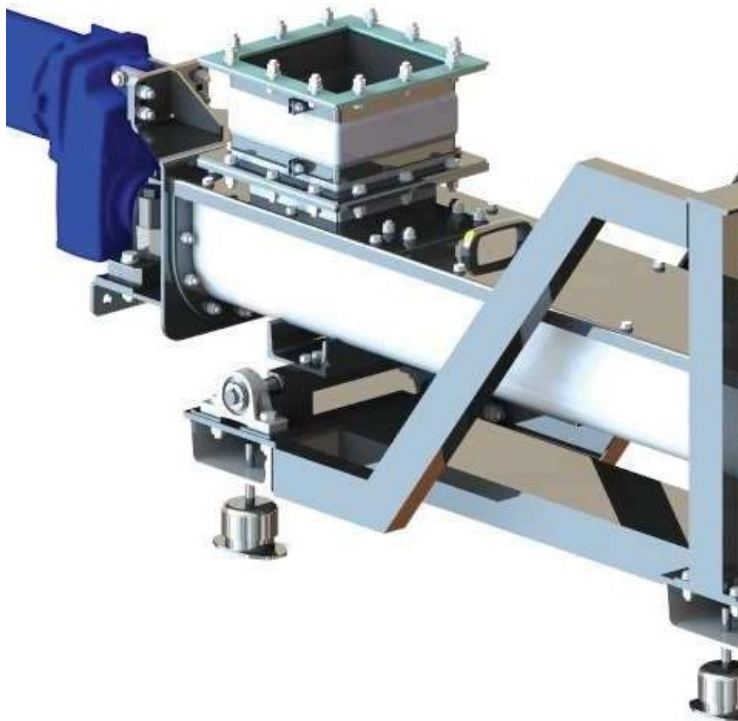
Separation of ATEX zones and various pressures and volumetric dosing - these are the main applications of these devices.



DOSING

CERTIFIED SEPARATION OF ATEX ZONES
PNEUMATIC TRANSPORT | DEDUSTING

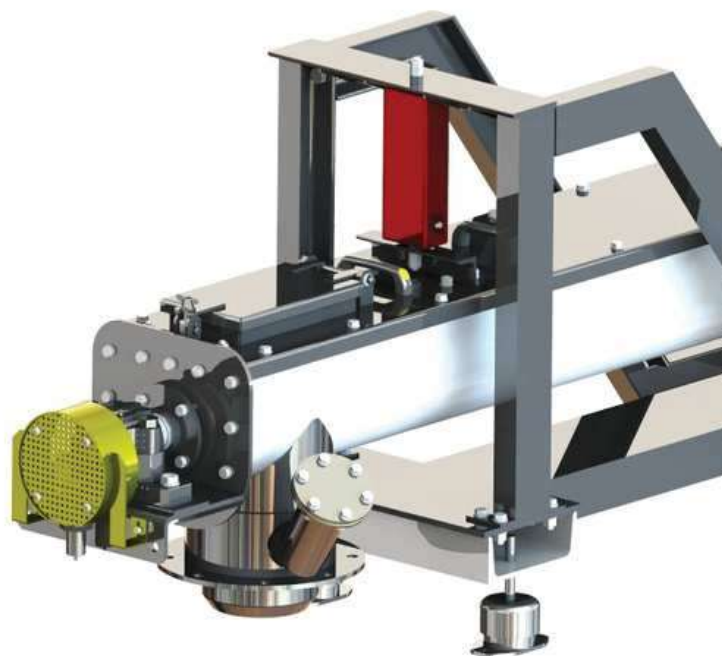
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SCREW FEEDERS

DOSING DURING TRANSPORT

Fast material flow
measurement and dosing
directly on the transport line.



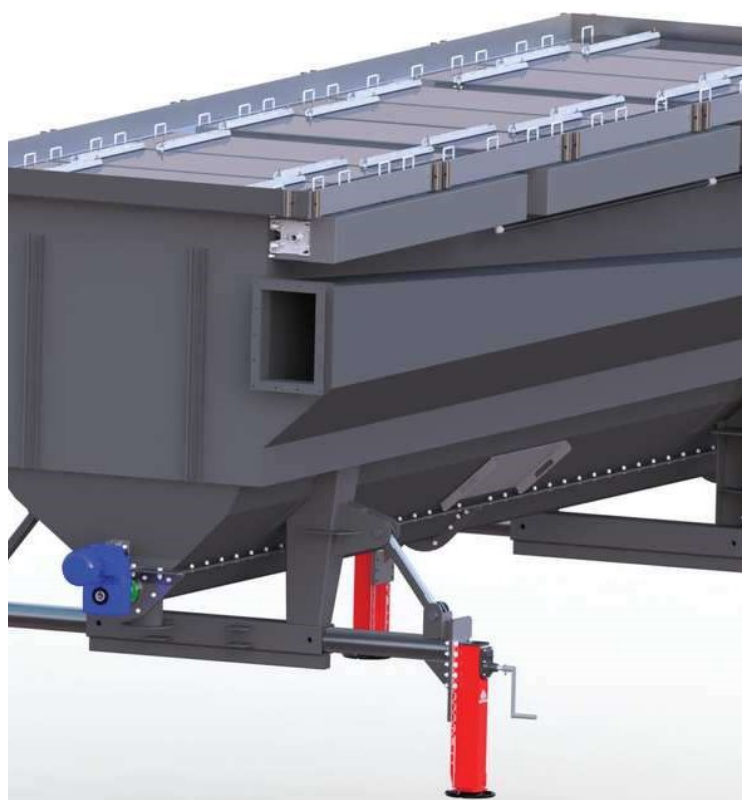
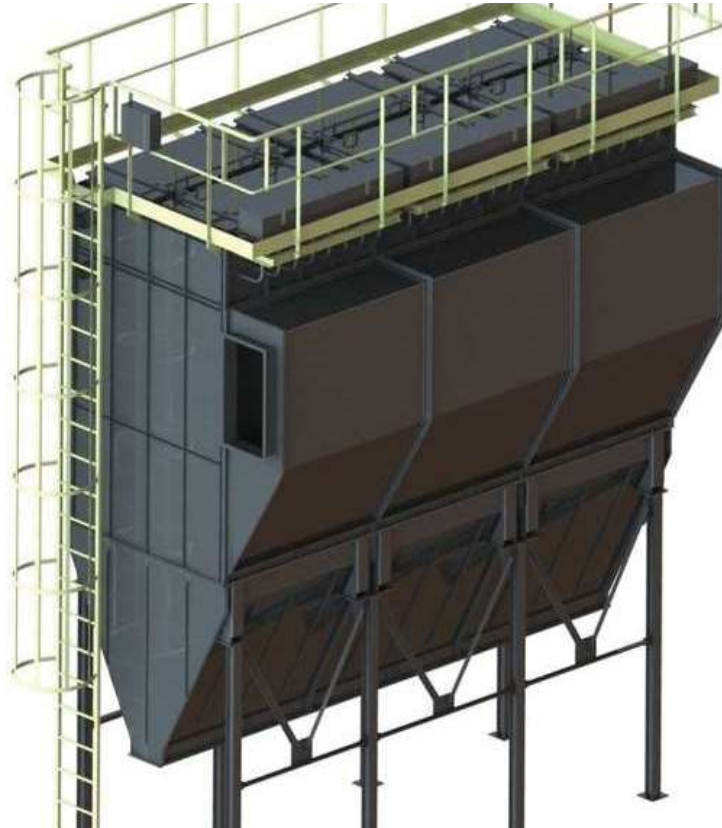
DOSING

SIZES ADAPTED TO AVAILABLE SPACE
FOR ATEX ZONES | FOR FOOD PRODUCTS

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BAG COLLECTORS



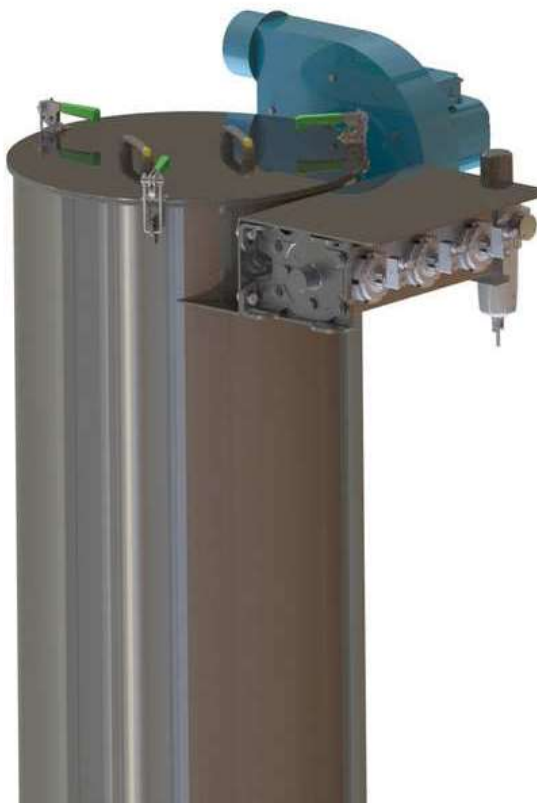
MOBILE DUST COLLECTORS

Dedusting and dust
separation directly at the
source of dust.



DEDUSTING
MODULAR | OFF-LINE VERSION
FOR ATEX ZONES

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CARTIDGE DUST COLLECTORS

Dust removal of machinery, chutes and silos.

CENTRAL VACUUM CLEANERS

The cartridge filters and vacuum blowers ensure effective cleaning of industrial spaces.



DEDUSTING

MOBILE | COMPRESSED AIR CLEANING

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DISC GRANULATORS

Visual inspection of the process and ease of configuration change are one of the basic advantages of disk granulation.



PIN GRANULATORS

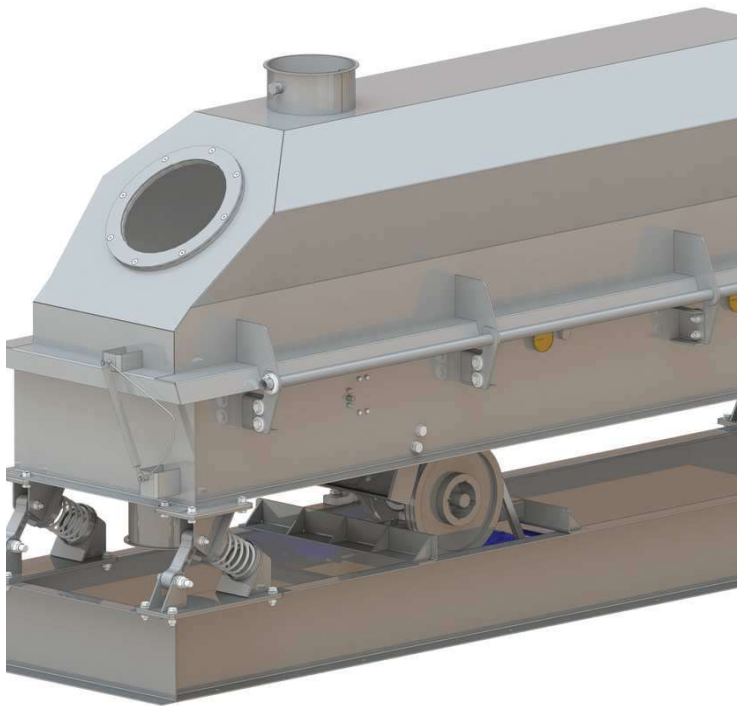
Thanks to the closed work space and process sensors, we have achieved the automation of operation.



GRANULATION

LIMESTONE | POWDER | MINERAL FERTILIZERS
BENTONITE | CERAMICS

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VIBROFLUIDIZED BED DRYER

EFFECTIVE DRYING

The best energy efficiency
index among dryers. Low
working temperature for
delicate materials



DRYING

MANY SIZES | VARIOUS HEAT SOURCES
FOR ATEX ZONES

bikoserwis.pl | SUSZENIE





CAPABILITIES



- chemistry
- building materials
- power engineering
- environmental protection
- paints and ceramics
- metallurgy
- food industry
- fertilizers and feed

- turn-key
- assembly
- stainless steel tanks and machinery
- engineering
- automation
- tests and research
- steel structure
- machining



REFRACTORY LININGS

Brickworks, shotcrete,
insulating concretes.
Demolitions with an
industrial robot.

ROTARY KILN BURNERS

Design, fabrication and
refractory covers of rotary
kiln burners.



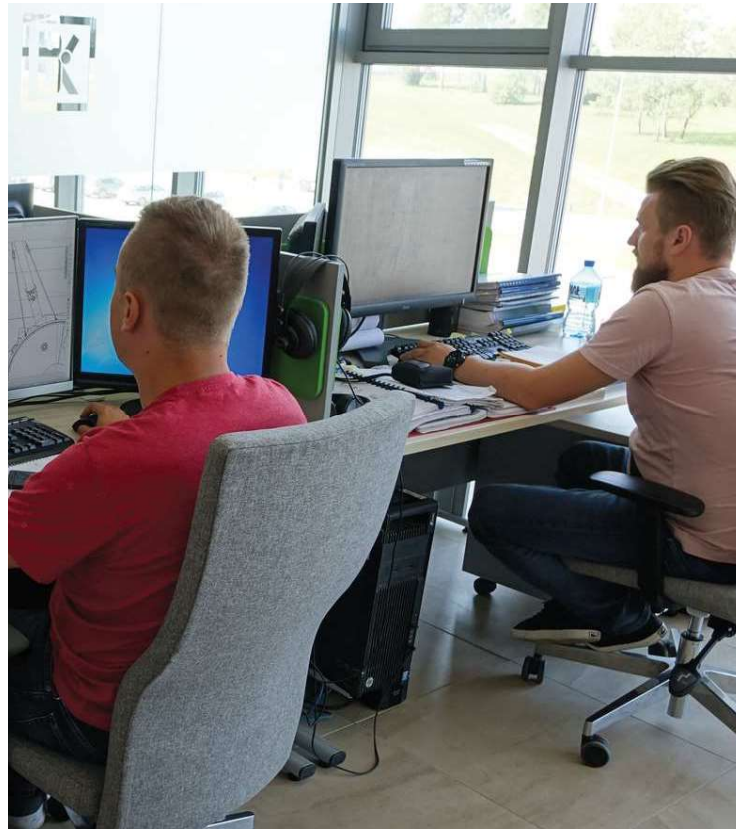
CAPABILITIES

PROCESS SIMULATIONS | ENGINEERING
PRODUCTION | ASSEMBLY

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ENGINEERING



R&D CENTER

Over 1900 m2 of laboratory and test area.

Laser diffraction, X-ray spectrometry and other research methods.



CAPABILITIES
PROCESS SIMULATIONS | ENGINEERING
PRODUCTION | ASSEMBLY

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STEEL STRUCTURES

At your disposal is a production plant with a capacity of up to 400 tons of structures per month.

MACHINING

Modern CNC machining centers and CAM modeling, machining of details up to 12 m long.



CAPABILITIES

PROCESS SIMULATIONS | ENGINEERING
PRODUCTION | ASSEMBLY

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INDUSTRIAL AUTOMATION

We offer complete industrial automation systems, especially in the field of dosing, weighing and continuous mixing.



ASSEMBLY

Our specialized assembly teams will prepare the installation and carry it through its commissioning.



CAPABILITIES

PROCESS SIMULATIONS | ENGINEERING
PRODUCTION | ASSEMBLY

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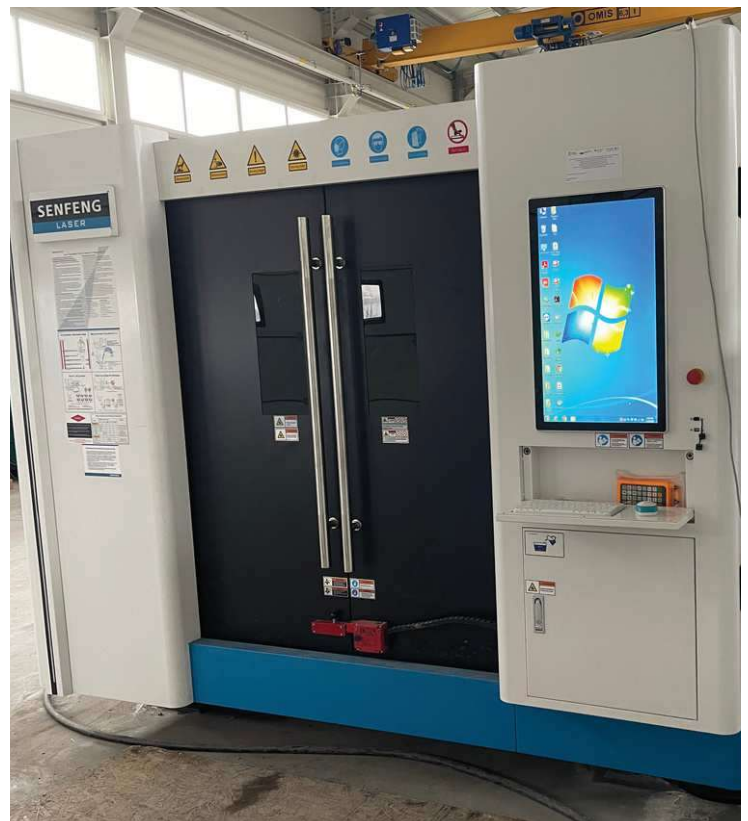


EQUIPMENT AND TANKS MADE OF STAINLESS STEEL

A separate hall only for
devices, silos and tanks
made of stainless and acid-
resistant steel.

LASER CUTTING, BENDING, SPINNING

Modern machines guarantee
high quality of tanks, silos,
and industrial devices.



CAPABILITIES

PROCESS SIMULATIONS | ENGINEERING
PRODUCTION | ASSEMBLY

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