



Screening and dosing technology of powder materials

SCREENS • DOSING UNITS • SIEVE FRAMES • ULTRASONIC SYSTEMS



MORE THAN 10 YRS' OF **EXPERIENCE**

IN LOOSE PRODUCTS
SCREENING AND DOSING

DESIGN • PRODUCTION • INSTALLATION • SERVICE

OUR OFFER

1

ROUND SCREENERS

control sieves (safety screening)
pneumatic control sieves
grading sieves (vibrating, rotary)

3

VIBRATING FEEDERS

electromechanical
electromagnetic

2

VIBRATING DOSING UNITS

volumetric
gravimetric

4

ULTRASONIC SYSTEMS

screening
cleaning and deblinding
dosing

INDUSTRIES

- **FOOD**
- **CHEMICAL**
- **METAL POWDERS**
- **RECYCLING**
- **COSMETIC**
- **CERAMIC**
- **COATINGS**

QUALITY

- **STAINLESS STEEL** 304 304L 316 316L 316Ti
SANDBLASTED
MECHANICALLY POLISHED (RA - 0,8)
ELECTRO POLISHED (RA - 0,3)
- **WELDINGS** BRUSHED AND PASIVATED
- **CARBON STEEL** PAINTED

PRODUCTION AND REGENERATION OF SIEVE FRAMES

APPLICATIONS

- sieve frames for round vibrating screeners
- sieve frames with ultrasonic resonators for round vibrating screeners
- sieve frames for rectangular vibrating screeners
- sieve frames with ultrasonic resonators for rectangular vibrating screeners

PROFILES

- "Z" type
- "L" type – empty inside
- "Square" type – empty inside
- "Rectangle" type – empty inside
- others



CONTROL GRAVITY SCREENERS

Securing the production process.
Most often used before packing or before
applying to the production process in order to
eliminate lumps, foreign bodies and
undesirable impurities.



ADVANTAGES

1 **COMPACT DESIGN**
(750mm - total height)

2 **SIMPLE CLEANING**

3 **FAST AND EASY
MAINTENANCE**

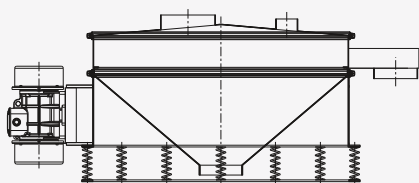
4 **HIGH CAPACITY**

5 **ULTRASONIC MESH CLEANING
SYSTEM**

6 **CUSTOM DESIGN**

7 **PRODUCTION AND SERVICE
IN POLAND (CE CERTIFICATE)**

DIMENSIONS



- Ø 600
- Ø 760
- Ø 900
- Ø 1200
- Ø 1500
- Ø 1800

screening from 20 microns sieve size (635 mesh)

OPTIONS

- **ultrasonic** mesh cleaning system
- **mechanical** mesh cleaning system
 - brushes
 - balls
 - plastic rings
- **pneumatic** impurities removal system





CLASSIFYING SCREENERS

CIRCULAR VIBRATING SIEVE

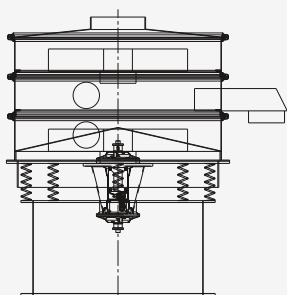
For the classification / separation of loose materials and granules. Also used for mechanical filtration of liquids.



ADVANTAGES

- 1 **COMPACT DESIGN**
- 2 **SIMPLE CLEANING**
- 3 **FAST AND EASY MAINTENANCE**
- 4 **UP TO 5 FRACTIONS IN ONE MACHINE PASS**
- 5 **ULTRASONIC MESH CLEANING SYSTEM**
- 6 **CUSTOM DESIGN**
- 7 **PRODUCTION AND SERVICE IN POLAND (CE CERTIFICATE)**

DIMENSIONS



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screening from 20 microns sieve size (635 mesh)

OPTIONS

- **ultrasonic** mesh cleaning system
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 - brushes
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CONTROL PNEUMATIC SCREENERS

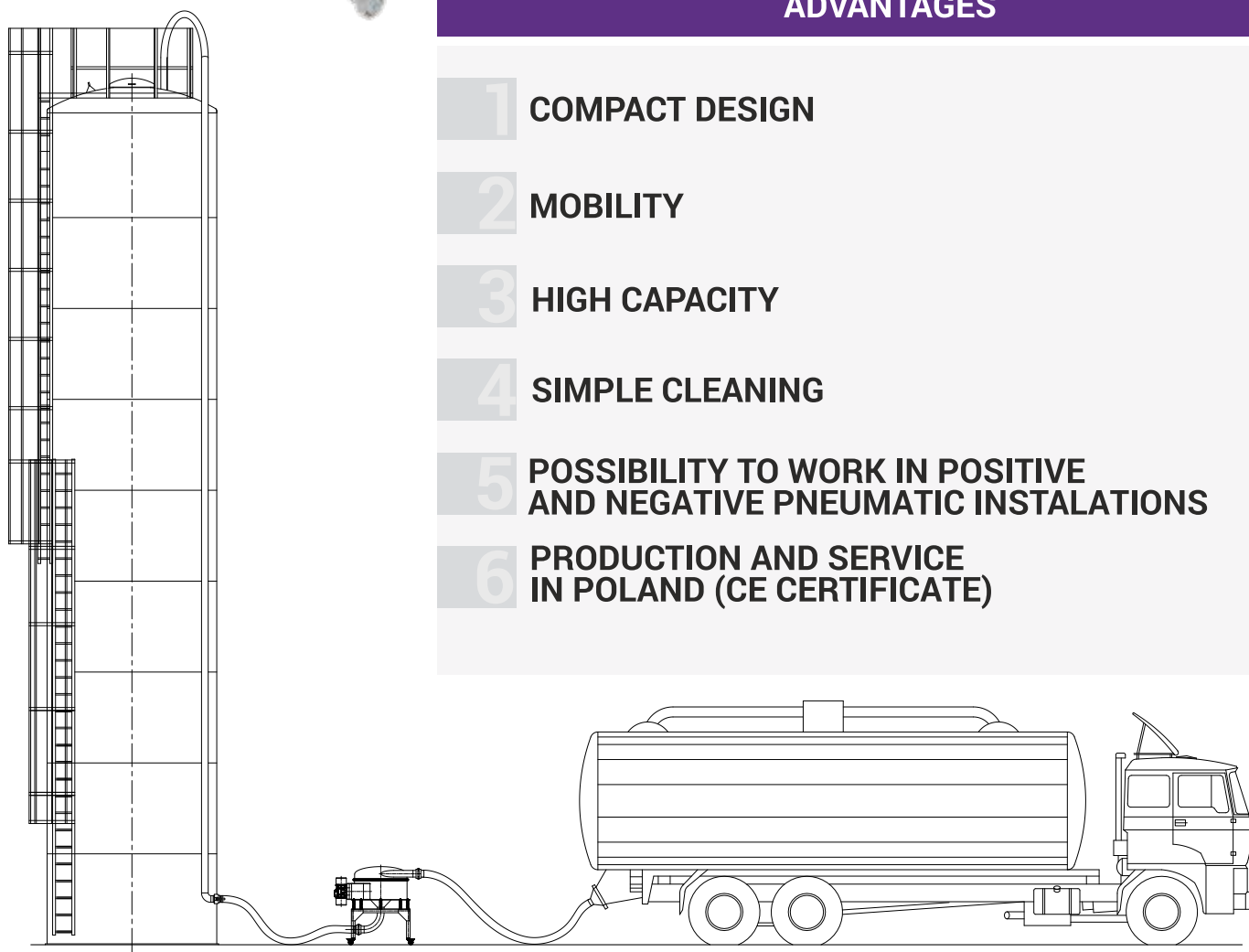
FOR PNEUMATIC CONVEYING

Round vibrating screens designed to work in positive and negative pressure pneumatic transport installations.



ADVANTAGES

- 1 **COMPACT DESIGN**
- 2 **MOBILITY**
- 3 **HIGH CAPACITY**
- 4 **SIMPLE CLEANING**
- 5 **POSSIBILITY TO WORK IN POSITIVE AND NEGATIVE PNEUMATIC INSTALATIONS**
- 6 **PRODUCTION AND SERVICE IN POLAND (CE CERTIFICATE)**



KITRONIK DOSING UNITS

GRAVIMETRIC / LOSS-IN-WEIGHT

For continuous or batch gravimetric dosing.
Guarantee of high precision with advanced
PLC logic. No stopages for the hopper refilling.



OPTIONS

- **ultrasonic** hopper cleaning and de-bridging system
 - easy installation
 - higher capacity
 - low energy consumption
 - continuous flow
 - high reliability
 - decreasing downtime costs
 - decreasing service costs
 - elimination of mechanical damage (cracks, dents) on the hopper walls
 - no noise suppression required
 - small amount of space required

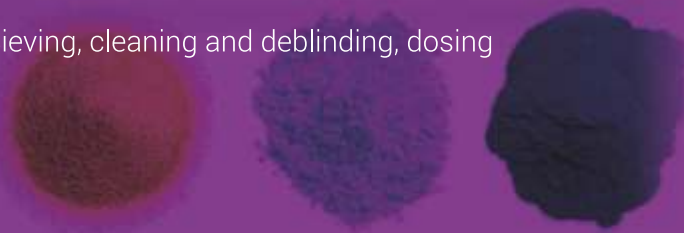
ADVANTAGES

- 1 CONTINUOUS "LOSS-IN-WEIGHT" DOSING, NET DOSING
- 2 GRAVIMETRIC BATCH DOSING
- 3 SELF-LEARNING SYSTEM
- 4 SIMPLE CLEANING
- 5 ULTRASONIC CLEANING SYSTEM
- 6 CUSTOM DESING
- 7 PRODUCTION AND SERVICE IN POLAND (CE CERTIFICATE)



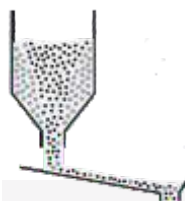
ULTRASONIC SYSTEMS

Sieving, cleaning and deblinding, dosing



SIEVING

- sieve mesh from 20 microns
- higher capacity and efficiency
- reduces the risk of mesh mechanical damage
- reduction of downtime for cleaning the device
- extended service life of screen decks
- less strain on screens and devices
- low power consumption
- simple installation
- works with two screening decks on one generator (TWIN)
- no need for mechanical vibrations at low flow rates



CLEANING AND DEBLINDING

- easy installation
- higher capacity
- low energy consumption
- continuous flow
- high reliability
- decreasing downtime costs
- decreasing service costs
- elimination of mechanical damage (cracks, dents) on the hopper walls
- no noise suppression required
- small amount of space required



GRAVIMETRIC DOSING

- loss-in-weight **continuous** dosing (capacity from 5g/h up to 1000g/h)
- loss-in-weight **batch** dosing (from 0,5g up to 1000g)
- accuracy up to 0,001g

WE SUPPLY IPRO SCREENERS AND OTHER PRODUCERS SCREENERS WITH ULTRASONIC SIEVE CLEANING SYSTEMS



Process Engineering

**Our solutions work
in more than 100 companies
in Poland and Europe!**



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