

Vibration Screening Machine

JEL TWS



► JEL TWS

The JEL TWS is a control sieve, which is used in pneumatic filling of silos to protect products and production plants from contamination. Normally, this screen is installed in the filling pipe between the tank truck and the silo.

► Operation

The screen operates dust free and with low noise levels. The inlet and outlet sockets are executed as pipe bends and equipped with Storz hose coupling. Using the flange connections, they can be rotated to the desired position. When assembled on top of a mobile base frame, the JEL TWS can be operated in different places.

► Machine equipment

JEL TWS is a powerful, robust and compact control screen. Thanks to various features, its operation is very easy.

► Areas of application

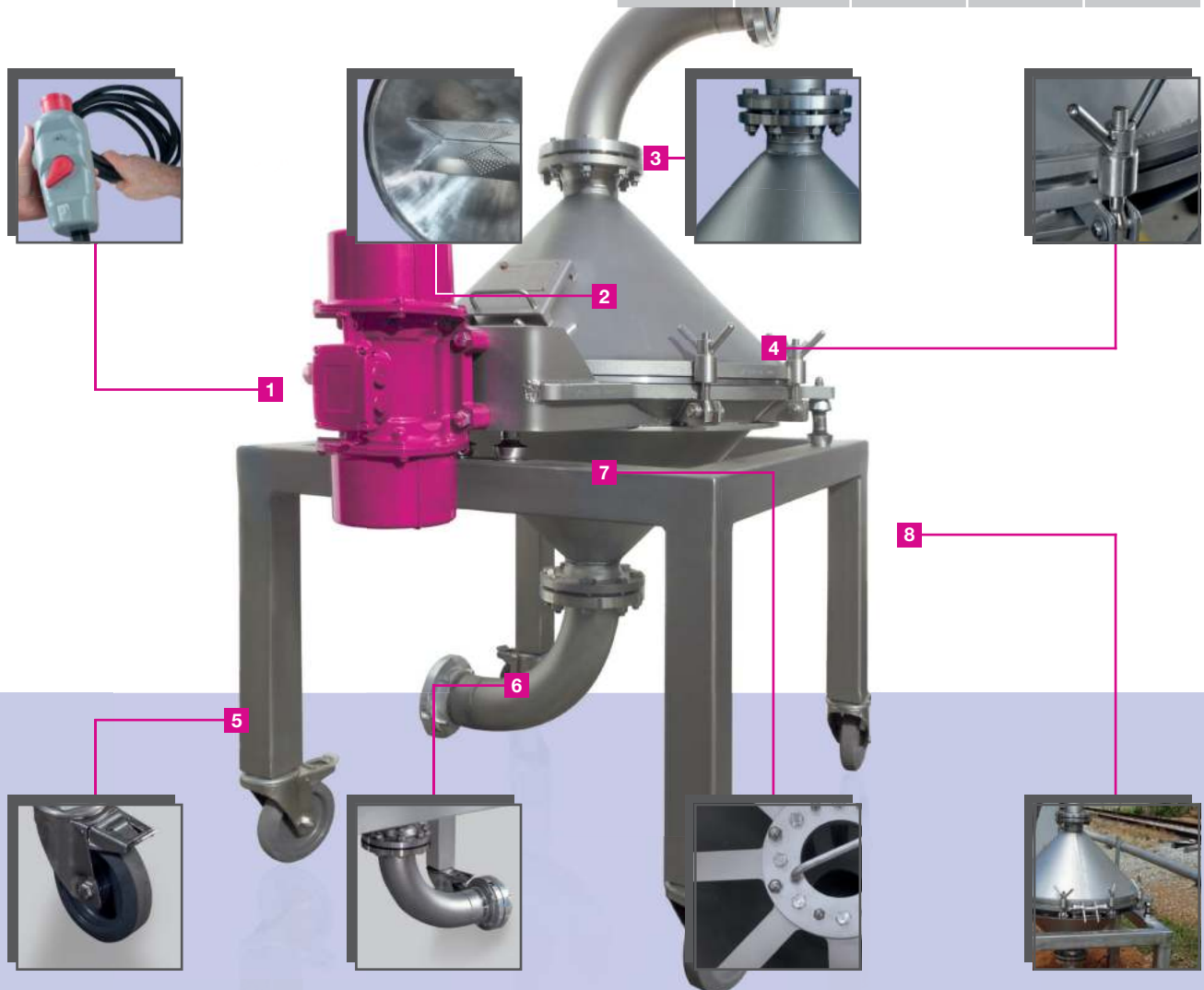
Chemicals	Plastics	Pharmaceuticals	Foodstuffs	Similar industries
●	●	●	●	●

► Bulk solids

Grainy	Powdery	Finely powdered	Fatty	Granular
●	●	●	●	●

► Screening applications

Protective screening	Grading	Coarse/Oversize grain screening	Fine screening	Deagglomerating
●	○	●	○	○



1 Plug-and-play operation

2 Integrated product distributor to protect the fabric

3 Gas-proof up to 2 bar

4 Cover opened without using any tool

5 Mobile system

6 Pipes can be rotated for flexible connection

7 Magnetic separator available

8 Completely made of stainless steel for outdoor use

VIBRATION SIEVE | JEL TWS

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► Design

- Mesh sizes from 0.5 – 20 mm (other mesh sizes on request)
- Stainless steel material
- Optionally with integrated magnetic separator
- GMP design is possible
- Also available in ATEX design

► Technical details

- Throughput capacity:
 - approx. 25 t/h at wheat flour and mesh size of 2 mm
 - approx. 30 t/h at sugar and mesh size of 2 mm
 (the throughput capacity depends on the particular mesh size and product properties)

Convincing facts

- ✓ Protection of products against foreign objects and other contaminations.
- ✓ Easy and quick exchange of screen inserts
- ✓ Gas-proof design in accordance with feed pressure (up to 2 bar)
- ✓ Can be relocated to different positions
- ✓ Can be connected to and disconnected from the delivery pipeline quickly and easily

MACHINE

Type	Screening surface	Weight
TWS 800	0.50 m ²	280 kg

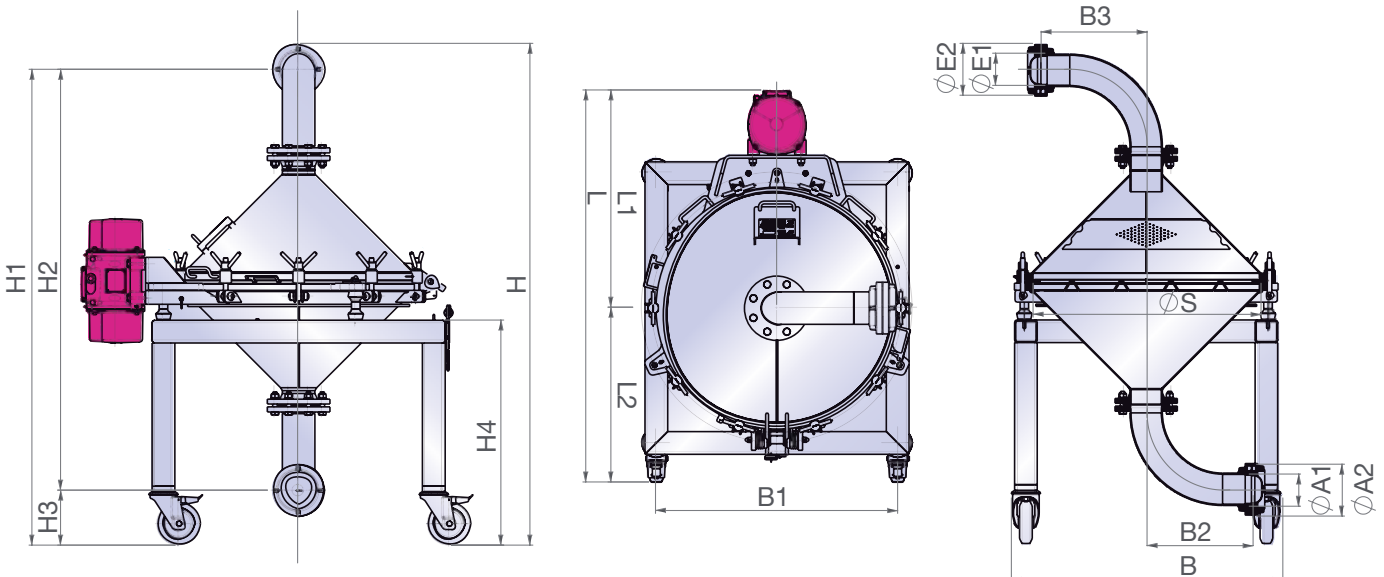
VIBRATION MOTORS

Number	Type	Power	Speed	Voltage	Frequency
1	15/1100-S02	0.55 kW	1500 min ⁻¹	230/400 V	50 Hz

DIMENSIONS [mm]

Type	ØA1	ØA2	B	B1	B2	B3	ØE1	ØE2	H	H1	H2	H3	H4	L	L1	L2	ØS
TWS 800	G4*	110ADS*	953	850	372	372	G4*	110ADS*	1761	1670	1480	193	790	1376	762	613	800

*(Storz coupling)



► Your contact person

You have questions or need a non-binding quotation? Our experts are happy to help you!

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Product page JEL TWS

Screening Technology for Professionals – by Professionals