

Vibration Screening Machine

JEL VibSpeed



► JEL VibSpeed

Whether the JEL VibSpeed is used for classification or for protective screening of pourable and dry bulk solids in production or in the laboratory, it excels thanks to a wide range of application and of options for adjusting and cleaning.

► Operation

The screening process is continuous. The machine operates dust free and with low noise levels. After loosening the clamping device the sieve inserts can be removed to the top. The sieve deck has an inclination of 5° adjustable by ±2°. The direction of oscillation is achieved through configuration of the vibrators. The adjustment range is from 0° to 90° in intervals of 15°.

► Machine equipment

The JEL VibSpeed has a modular and compact structure.

► Areas of application

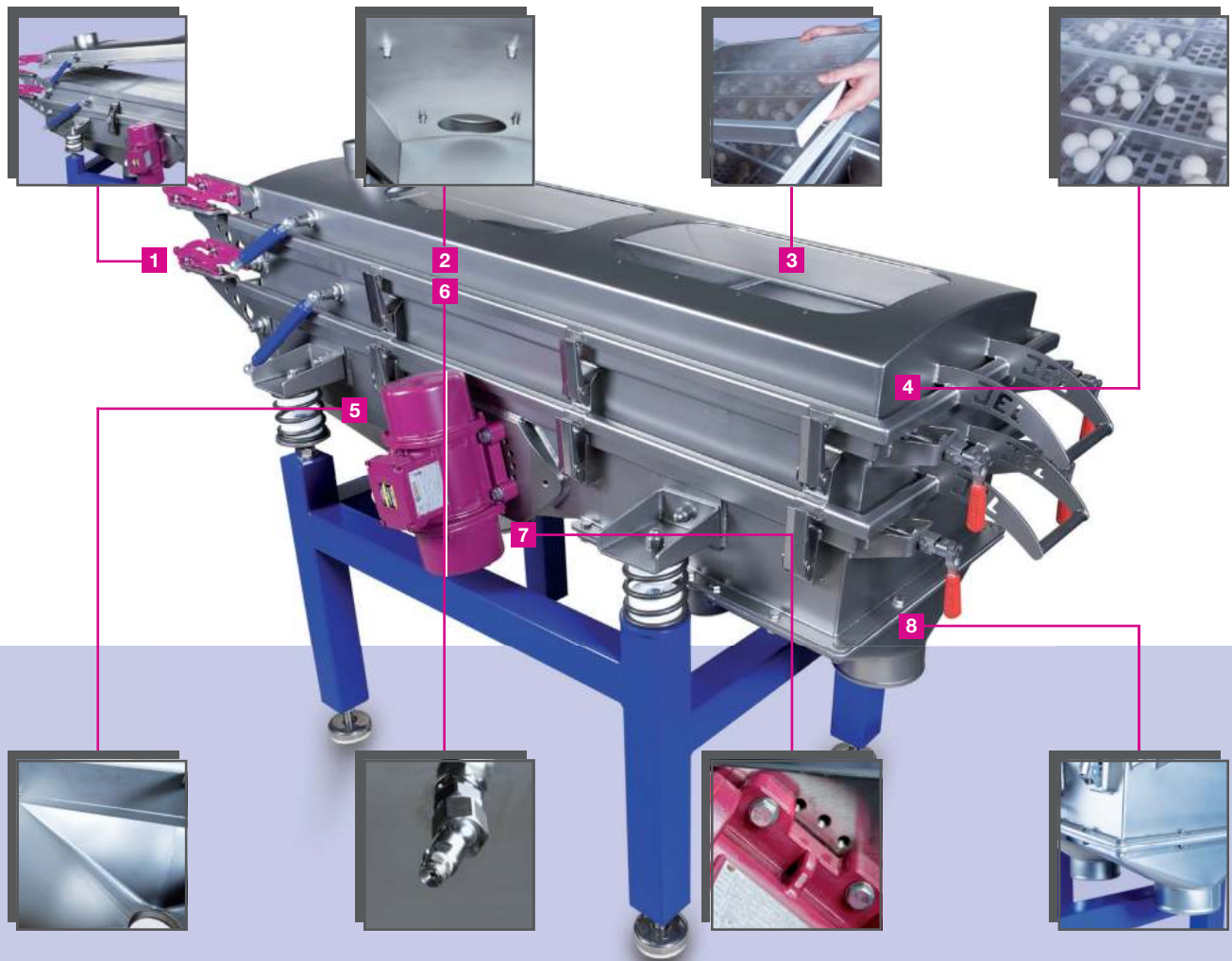
Chemicals	Plastics	Pharmaceuticals	Foodstuffs	Similar industries
●	●	●	●	●

► Bulk solids

Grainy	Powdery	Finely powdered	Fatty	Granular
●	●	●	●	●

► Screening applications

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



VIBRATION SIEVE | JEL VibSpeed

1 Hinged cover

2 Nozzles for wetting the product

3 Easy exchange of sieves

4 Various screen cleaning systems usable

5 Smooth surfaces for easy cleaning

6 CIP system by request

7 Adjustable vibration motor

8 Quick conversion to single decker/double decker

Vibration Screening Machine

JEL VibSpeed

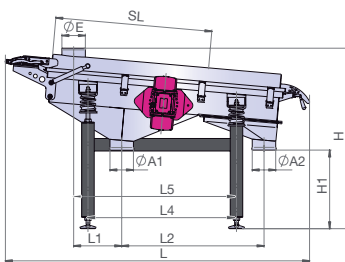
► Design

- Mobile or stationary base frame
- Observation window
- Single and double decker
- Nozzles for wetting the product during screening
- CiP Cleaning
- Inlet and outlet sleeves tailored to the individual process
- Screen cleaning by ultrasound, balls or triangles
- GMP/ATEX design and gas-proof design

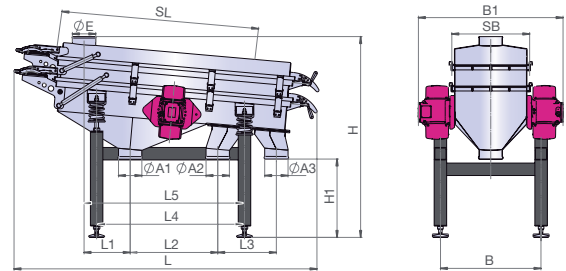
► Technical details

Type	Single decker (-E)		Double decker (-D)		Vibration motors					
	Screening surface	Weight	Screening surface	Weight	Number	Type	Power	Speed	Voltage	Frequency
250	0.25 m ²	125 kg	2 x 0.25 m ²	145 kg	2	15/400	0.300 kW	1500 min ⁻¹	230/400 V	50 Hz
375	0.38 m ²	195 kg	2 x 0.38 m ²	220 kg	2	15/400	0.300 kW	1500 min ⁻¹	230/400 V	50 Hz
500	0.50 m ²	270 kg	2 x 0.50 m ²	305 kg	2	15/400	0.300 kW	1500 min ⁻¹	230/400 V	50 Hz
750	0.75 m ²	390 kg	2 x 0.75 m ²	450 kg	2	15/700	0.525 kW	1500 min ⁻¹	230/400 V	50 Hz
1125	1.13 m ²	470 kg	2 x 1.13 m ²	530 kg	2	15/700	0.525 kW	1500 min ⁻¹	230/400 V	50 Hz
1500	1.50 m ²	680 kg	2 x 1.50 m ²	710 kg	2	15/1100	0.550 kW	1500 min ⁻¹	230/400 V	50 Hz
2000	2.00 m ²	850 kg	2 x 2.00 m ²	950 kg	2	15/1750	1.100 kW	1500 min ⁻¹	230/400 V	50 Hz

SINGLE DECKER



DOUBLE DECKER



DIMENSIONS SINGLE DECKER [mm]

Type	Ø A1	Ø A2	B	B1	Ø E	H	H1	L	L1	L2	L4	L5	SB	SL
250-E	100	100	400	720	150	1155	500	1950	300	950	950	1070	250	1000
375-E	100	100	400	720	150	1200	500	2425	300	1450	1520	1605	250	1500
500-E	150	150	650	930	200	1155	500	1950	300	950	950	1045	500	1000
750-E	150	150	650	930	200	1200	500	2425	300	1450	1520	1580	500	1500
1125-E	150	150	900	1330	250	1315	300	2425	300	1450	1520	1580	750	1500
1500-E	150	150	900	1330	250	1360	300	2760	1000	1200	2020	2030	750	2000
2000-E	200	200	1150	1640	300	1515	200	2760	1000	1200	2020	2030	1000	2000

DIMENSIONS DOUBLE DECKER [mm]

Type	Ø A1	Ø A2	Ø A3	B	B1	Ø E	H	H1	L	L1	L2	L3	L4	L5	SB	SL
250-D	100	100	100	400	720	150	1290	500	1950	300	560	380	950	1070	250	1000
375-D	100	100	100	400	720	150	1335	500	2425	300	1060	380	1520	1605	250	1500
500-D	150	150	150	650	930	200	1290	500	1950	300	560	380	950	1045	500	1000
750-D	150	150	150	650	930	200	1335	500	2425	300	1060	380	1520	1580	500	1500
1125-D	150	150	150	900	1330	250	1450	300	2425	300	1060	380	1520	1580	750	1500
1500-D	150	150	150	900	1330	250	1495	300	2760	1000	600	600	2020	2030	750	2000
2000-D	200	200	200	1150	1640	300	1650	200	2760	1000	600	600	2020	2030	1000	2000

► Your contact person

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

J. Engelsmann AG

Frankenthaler Str. 137-141
D-67059 Ludwigshafen

Tel.: +49 (0)621-59002-0
Fax: +49 (0)621-59002-550

info@engelsmann.de
www.engelsmann.com



Product page JEL VibSpeed

Convincing facts

- ✓ Various screen cleaning systems can be added later
- ✓ Quick conversion to single decker/ double decker
- ✓ Quick and simple change of the screen without using a tool
- ✓ Easy to clean thanks to smooth, highly accessible surfaces
- ✓ Direct access to the machine by using the hinged cover
- ✓ Excellent seal on fine mesh diameters, too