



TUMBLING SIEVE MOD. VAN – TECHNICAL BROCHURE

TECHNICAL DESCRIPTION

Vibrowest **tumbler screening separator** is used for control screening, fractionating and dust removal in dry, powdered and granular products. The tumbler screening machine has a three-dimensional movement similar to the simple hand screening of the “gold washing pan”. This tumbling action yields better efficiency and a higher specific screen load as compared to vibration systems.

The **VAN** is used in all sectors of application and has stable screen motion even under full load. The VAN is particularly suitable for high feed rates and multi deck separations of fine, lightweight products which are difficult to screen. The tumbling movements easy regulation and adjustment with low frequency vibrations guarantee the following advantages:

- No particle destruction in sensitive products;
- Precise control of product movement and time transversing the screen;
- Screening efficiencies up to 99%
- Consistant product quality.

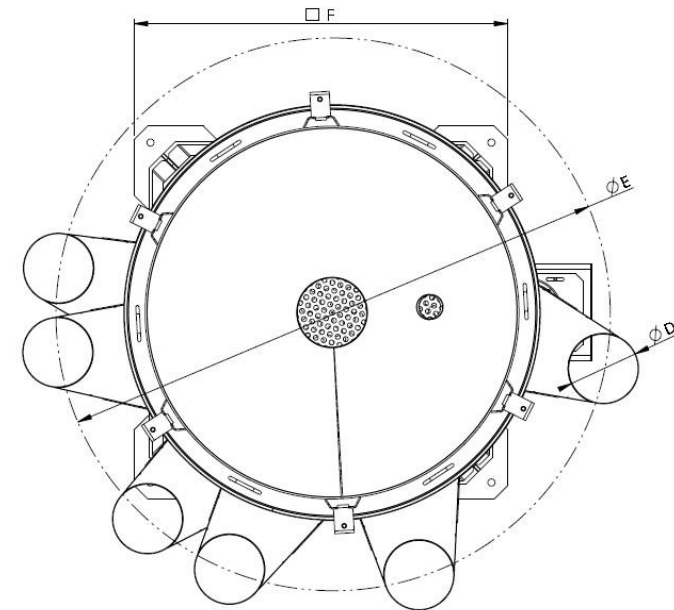
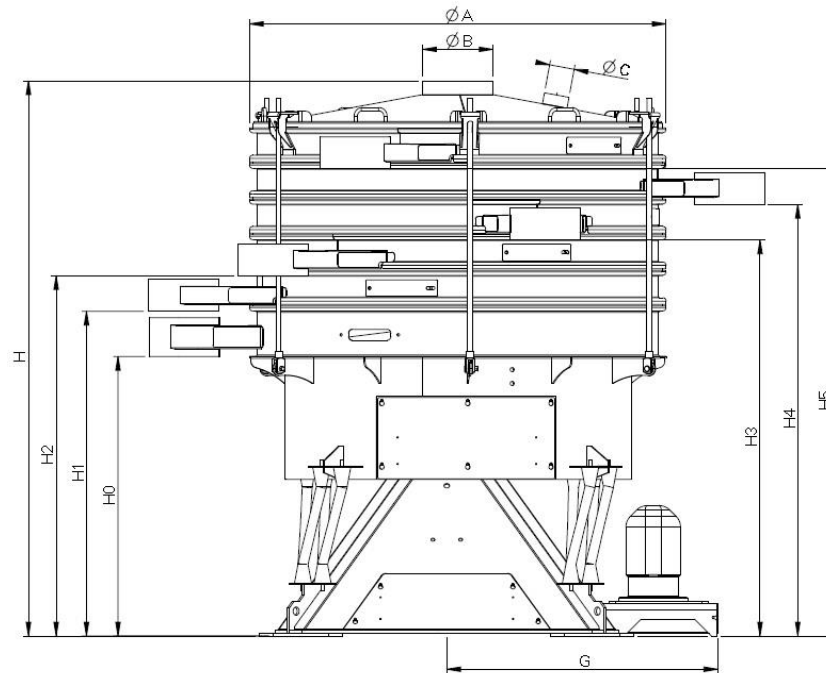
Easy installation and commisioning. The ability to separate particles in 1 to 6 sizes with up to 5 screen decks incorporated in one Vibrowest separator.

Standard model range in diameter size from 1.200 mm to 2.600 mm

The screens are easily and quickly changed. The screens can be equipped with various cleaning system as: rubber balls, rotating plastic roller brush and the innovative ultrasonic cleaning system.

The VAN can be specified with carbon steel, stainless steel **AISI 304** or stainless steel **AISI 316** construction.

On request: **ATEX certification, FDA IQ-OQ procedure, GMP** can be provided.



VAN	A	B	C	D	E	F	G	H	H0	H1	H2	H3	H4	H5
1200	1220	200	127	204	1780	1080	880	1810	790	930	1060	1190	1320	1450
1600	1500	250	90	254	2000	1350	980	2010	1010	1175	1305	1435	1565	1695
2000	1800	250	127	254	2400	1620	1120	2060	1020	1180	1310	1440	1570	1700
2250	2290	300	127	254	2880	2080	1420	2110	1015	1180	1320	1460	1600	1740
2600	2670	400	127	304	3280	2080	1420	2110	1015	1180	1320	1460	1600	1740