

WFBS-X

●It is a high-precision screening equipment, which can meet the screening and filtration of various granules, powders and other materials; The fully enclosed design is suitable for various industries.

●Equipment material: all stainless steel, material contact stainless steel, or all carbon steel which is available to appoint

●Sieve clearing method: Tapping ball, or ultrasonic

●Number of layers: 1-5 layers

●Mainly used in chemical, pharmaceutical, mining, food, feed, rubber, etc



■Working principle

WFBS-X is made by the flange type vertical motor as the vibration source, and the upper and lower ends of the motor are installed with eccentric weight, which converts the rotating motion of the motor into horizontal, vertical and inclined three-dimensional motion, and then transmits the motion to the screen surface; If the phase Angle and weight of the upper and lower weights of the motor are changed, the movement path of the material on the screen surface can be changed.

■Technical characteristics

1. High efficiency, and it is suitable for powder and liquid material;
2. Easy to replace the screen deck; It only takes 3-5 minutes for replacement;
3. powder can be screened to 500 mesh;
4. Impurities and coarse particles are automatically discharged, and can be continuously operated;
5. Small size and space occupation, easy to move;

WFBS-XC

WFBS-XC series vibrating screen is to add ultrasonic cleaning system on the WFBS-X series screen. It converts 220V, 50Hz or 110V, 60Hz electrical energy into 36KHz high-frequency electrical energy into the ultrasonic transducer, and turns it into 36-40KHz mechanical vibration, to achieve the purpose of efficient screening and sieve cleaning. WFBS-XC series vibrating screen is suitable for ultra-fine powder screening. Ultrasonic system is generally composed of: screen, ultrasonic generator, ultrasonic transducer, wave guide rod, screen wave guide, HF cable, connection and support structure.



■ Technical characteristics

Eliminate the flat fall and slip effect of low density powder in settlement, eliminate the high-density metal retention in the drop point of sieve, eliminate the adhesion effect of electrostatic powder, so as to improve screening efficiency, which is generally 50%-100% higher than the screen without ultrasonic system, and 400% higher in individual cases.

1. Reduce or do not cleaning time;
2. No pollution of the powder by auxiliary substances such as bouncing ball;
3. Maintain screen size and stable screening accuracy;
4. Powder less than 500 μ m can be effectively screened.



■Application



Pharmaceutical industry

1. Powder screening; It can remove magazines, evenly distribute particles, and achieve particle size classification of powder to ensure product quality;
2. Surface treatment of tablets: The tablets are classified and separated for subsequent surface coating treatment.



Chemical industry

The raw material is graphite as an example, it can be screened into a variety of particle size specifications, and the graphite which does not meet the specifications can be returned to re-grinding.

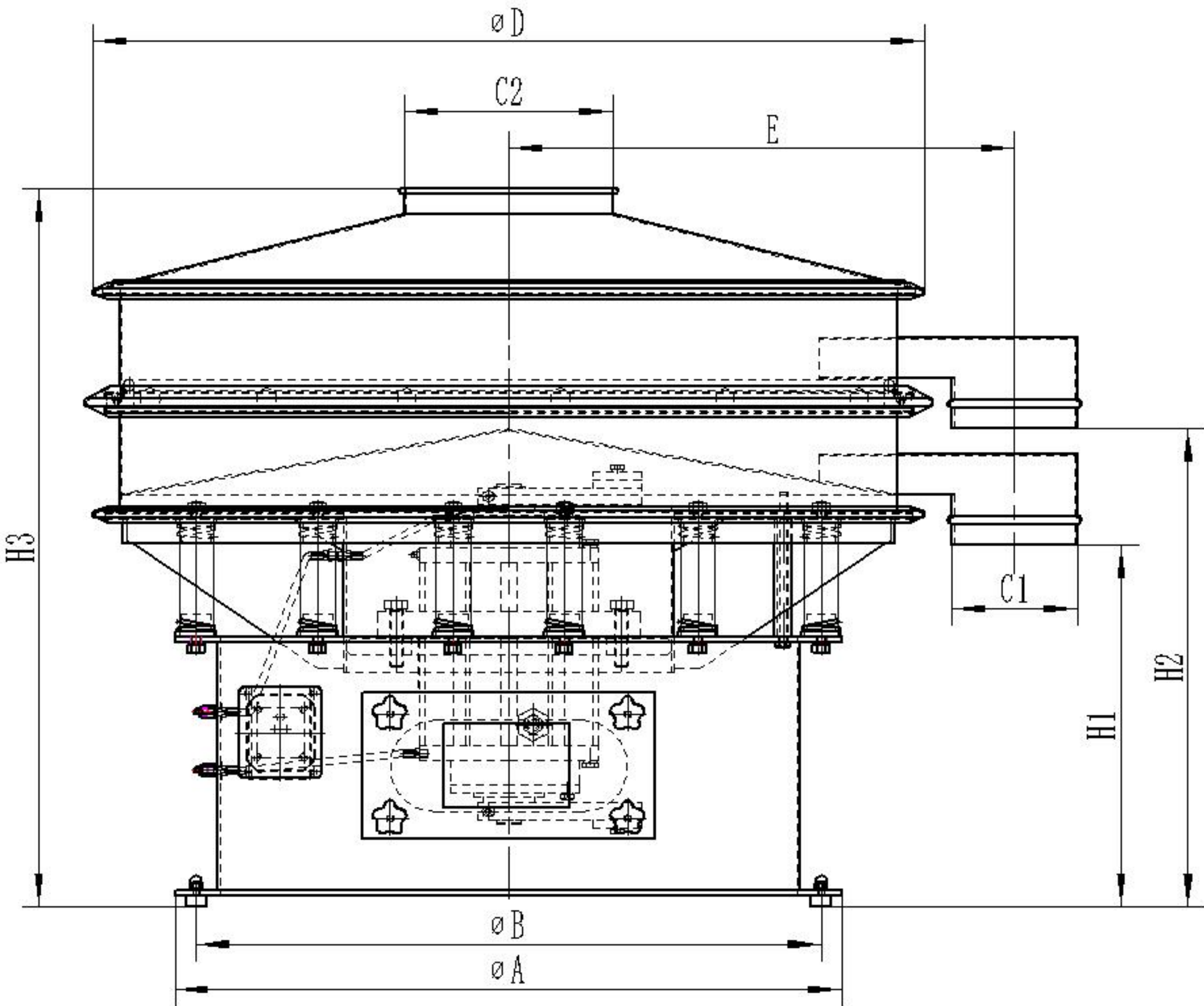


Metallurgical industry

Metal powder screening, in the metallurgical production process, distributed screen X is often used to screen various metal powder raw materials, such as iron powder, aluminum powder, copper powder, etc., can remove impurities and unqualified particles in raw materials, to ensure the purity and quality of raw materials.

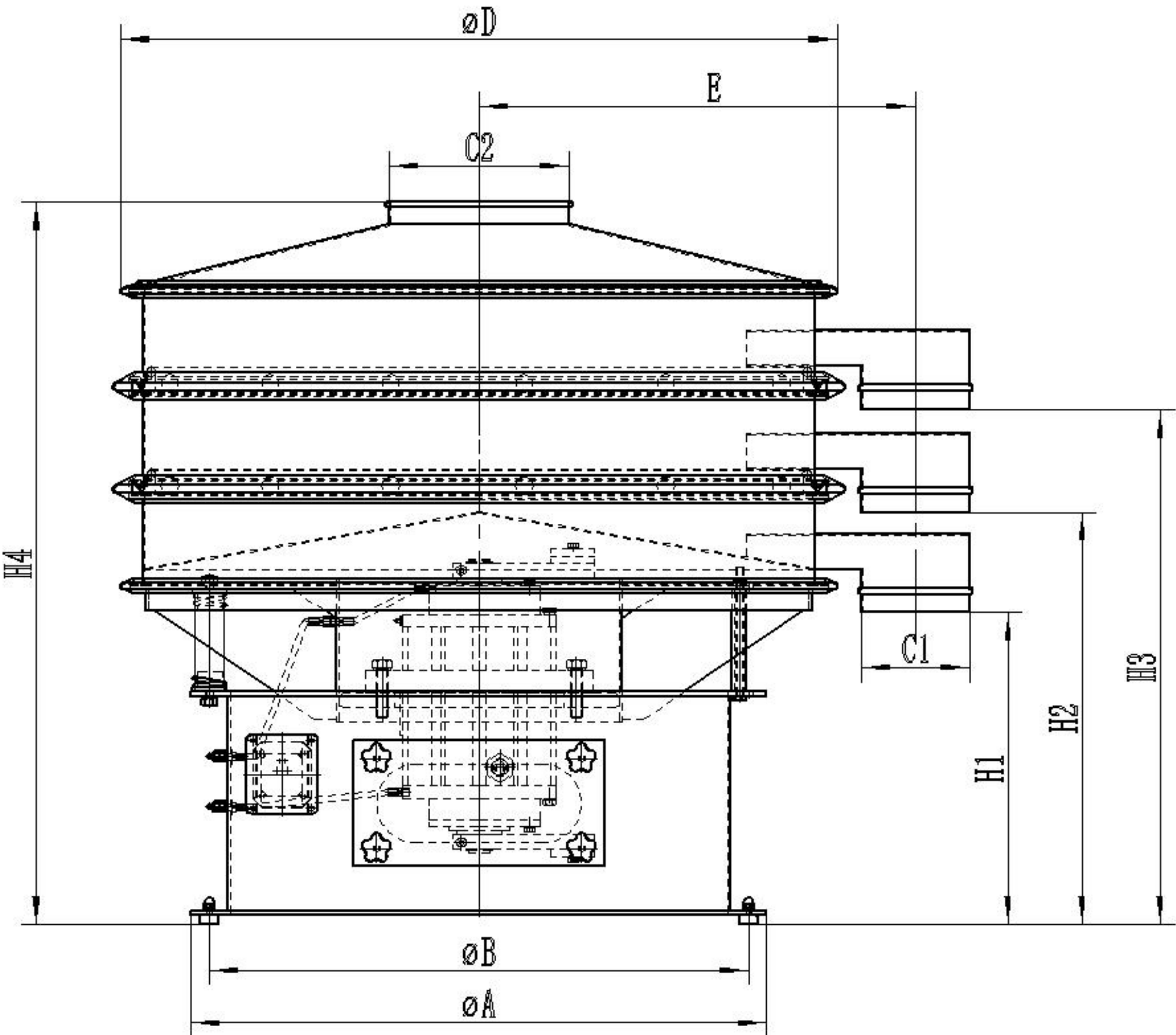
■WFBS-X 1layer Technical data sheet

型号	A (mm)	B (mm)	C1 (mm)	C2 (mm)	D (mm)	E (mm)	H1 (mm)	H2 (mm)	H3 (mm)
WFBS-X-400-1S	380	330	100	145	476	330	376	484	647
WFBS-X-600-1S	520	470	120	200	626	400	394	534	772
WFBS-X-800-1S	680	630	140	200	828	512	389	529	792
WFBS-X-1000-1S	800	750	150	250	997	607	434	574	862
WFBS-X-1200-1S	980	910	160	250	1170	718	511	661	956
WFBS-X-1500-1S	1180	1120	190	300	1497	951	531	749	1159
WFBS-X-1800-1S	1490	1420	220	350	1799	1144	586	859	1299



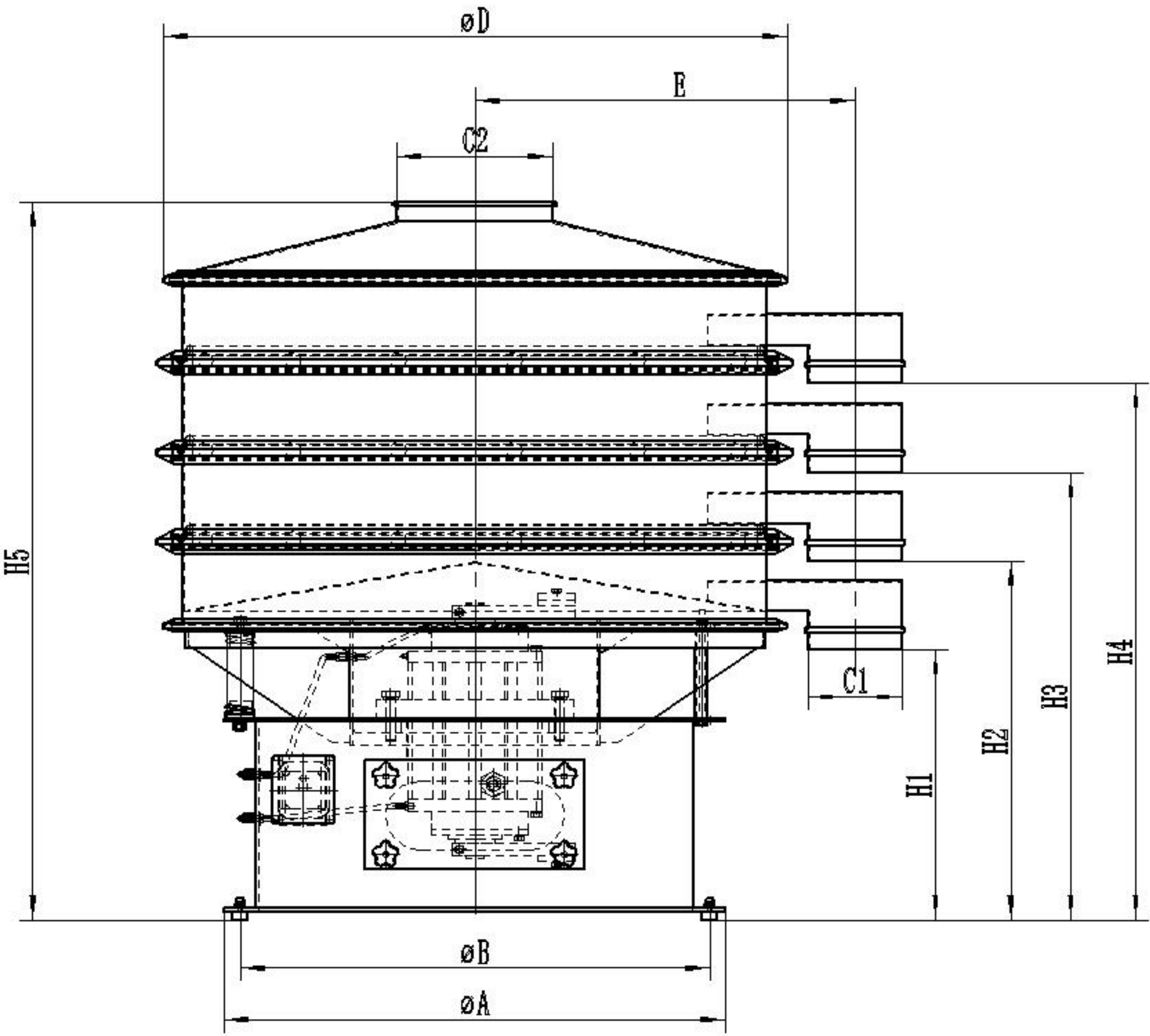
■WFBS-X 2 layer Technical data sheet

型号	A (mm)	B (mm)	C1 (mm)	C2 (mm)	D (mm)	E (mm)	H1 (mm)	H2 (mm)	H3 (mm)	H4 (mm)
WFBS-X-400-2S	380	330	100	145	476	330	376	484	596	759
WFBS-X-600-2S	520	470	120	200	626	400	394	534	676	914
WFBS-X-800-2S	680	630	140	200	828	512	389	529	671	934
WFBS-X-1000-2S	800	750	150	250	997	607	434	574	716	1004
WFBS-X-1200-2S	980	910	160	250	1170	718	511	661	804	1099
WFBS-X-1500-2S	1180	1120	190	300	1497	951	531	749	942	1352
WFBS-X-1800-2S	1490	1420	220	350	1799	1144	613	886	1109	1549

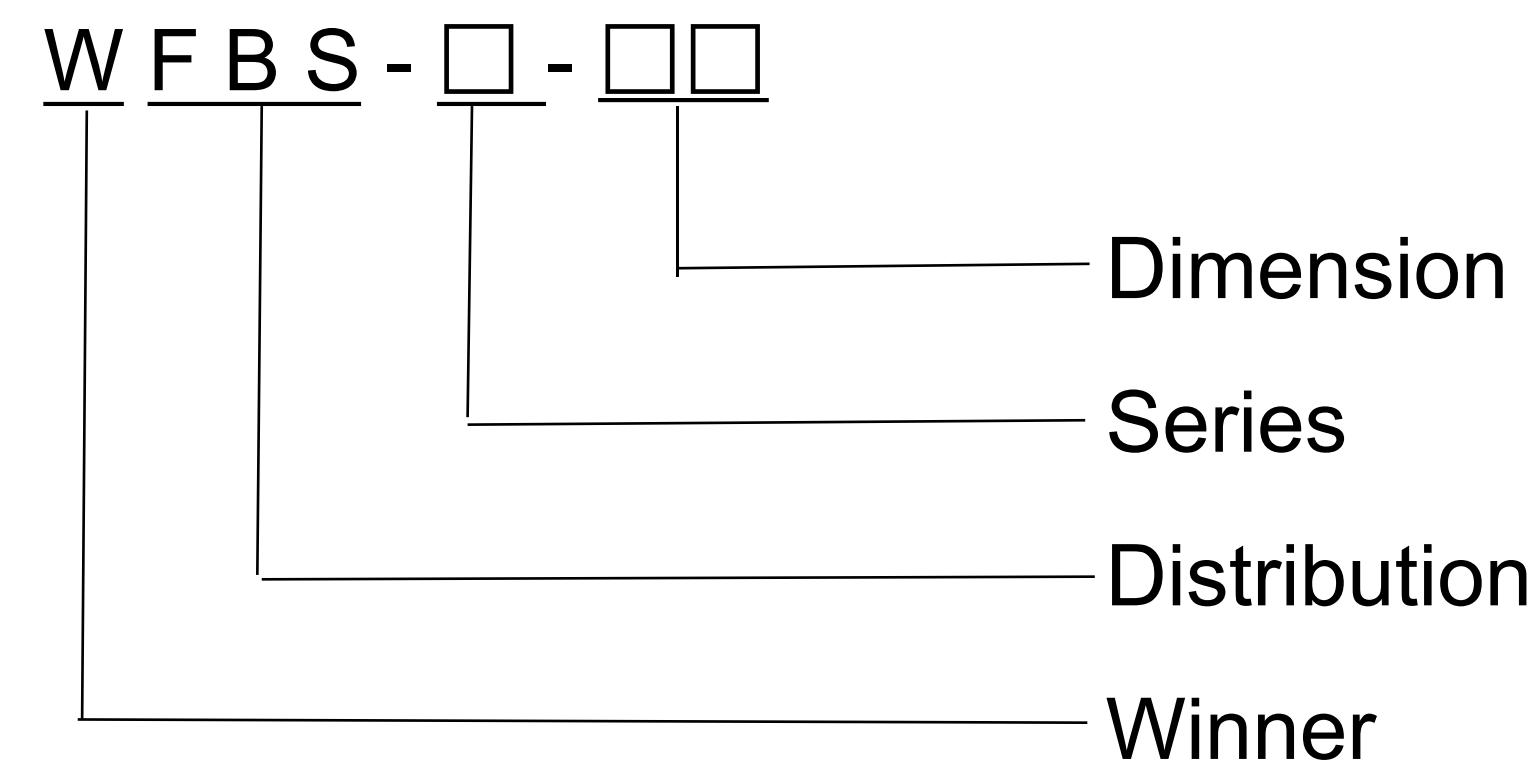


■WFBS-X 3 layer Technical data sheet

型号	A (mm)	B (mm)	C1 (mm)	C2 (mm)	D (mm)	E (mm)	H1 (mm)	H2 (mm)	H3 (mm)	H4 (mm)	H5 (mm)
WFBS-X-400-3S	380	330	100	145	476	330	376	484	596	709	872
WFBS-X-600-3S	520	470	120	200	626	400	394	534	676	819	1057
WFBS-X-800-3S	680	630	140	200	828	512	389	529	671	814	1077
WFBS-X-1000-3S	800	750	150	250	997	607	434	574	716	859	1147
WFBS-X-1200-3S	980	910	160	250	1170	718	511	661	804	947	1242
WFBS-X-1500-3S	1180	1120	190	300	1497	951	531	749	942	1135	1545
WFBS-X-1800-3S	1490	1420	220	350	1799	1144	613	886	1109	1332	1772



Model description



Application



WFBS-X Technical Datasheet

Name	序号	Series	Description
Distribution Screen Series	1	WFBS	Distribution vibrating screen
	2	WFBS-X	Circular, three-dimensional motion vibrating screen
	3	WFBS-P	Round, vertical blanking
	4	WFBS-Y	Circular swiing motion vibrating screen
	5	WFBS-Z	Linear light vibrating screen
	6	WFBS-F	Square type, circular movement vibrating screen
	7	WFBS-H	Square, gradient trajectory movement vibrating screen
	8	WFBS-D	Multi-layered, high-frequency stack sizer