

Xinxiang Xiyangyang Screening Machinery Manufacturing Co., Ltd

新乡市喜阳阳筛分机械制造有限公司
0373-3575118

About Xiyangyang company

关于我们 ABOUT US



Xinxiang Xiyangyang Screening Machinery Manufacturing Co., Ltd. is an innovative private enterprise integrating technology research and development, processing and manufacturing, and trade services. The company is mainly engaged in the design, manufacture, installation and commissioning of BSJ standard vibrating screen machine, rotary vibrating screen, fine screen, square swing screen, vibrating feed, abrasive screen and other vibrating equipment and related supporting products.



XIYANGYANG MACHINERY PRODUCT QUALITY CERTIFICATION



Xiyangyang vibrating screen



Production workshop and warehouse



Xiyangyang staff style



Xiyangyang standard vibrating screen machine

一、Product performance and characteristics

The standard vibrating screen machine (also known as vibrating standard vibrating screen machine, beating screen, etc.) is mainly composed of seat, rotating mechanism, vibrating mechanism, clamping mechanism and sleeve screen.

It has the characteristics of small volume, light weight and beautiful appearance.

The screening analysis should be carried out in the coal quality test and the laboratory test of geological, metallurgical, chemical, scientific research, cement and other industrial departments.



BSJ-200



PD-200



ES-04

Technical parameter

序号 No.	名称 Name	单位 Unit	数值 Numerical value	
1	筛子直径 Sieve diameter	毫米 (mm)	Φ 200、Φ 100、Φ 75	
2	筛子层数 Sieve layers	层 (Layer)	7	
3	200试验筛 200 Test	套 (Set)	1	
4	旋转次数 Number of rotations	次/分 (R/min)	290 ± 6	
5	拍击次数 Number of strokes	次/分 (T/min)	156 ± 3	
6	拍击高度 Strike height	毫米 (mm)	38 ± 6	
7	底盘水平度 Chassis levelness	mm/min	≤ 0.6	
8	旋转行程 Rotation stroke	毫米 (mm)	25	
9	电动机 Motor	功率 Power	千瓦 (Kw)	0.37
		转速 Speed	转/分 (R/min)	1400
10	外形尺寸 Size	毫米 (mm)	945*440*785	
11	筛机重量 Weight	公斤 (Kg)	155	

Product features



It has the characteristics of small volume, light weight and beautiful appearance



Equipped with automatic stop device



Advanced structure,
good performance and large rotation range



It has the advantages of strong vibration force, good screening effect,
flexible installation of jacketed screen and convenient use and maintenance



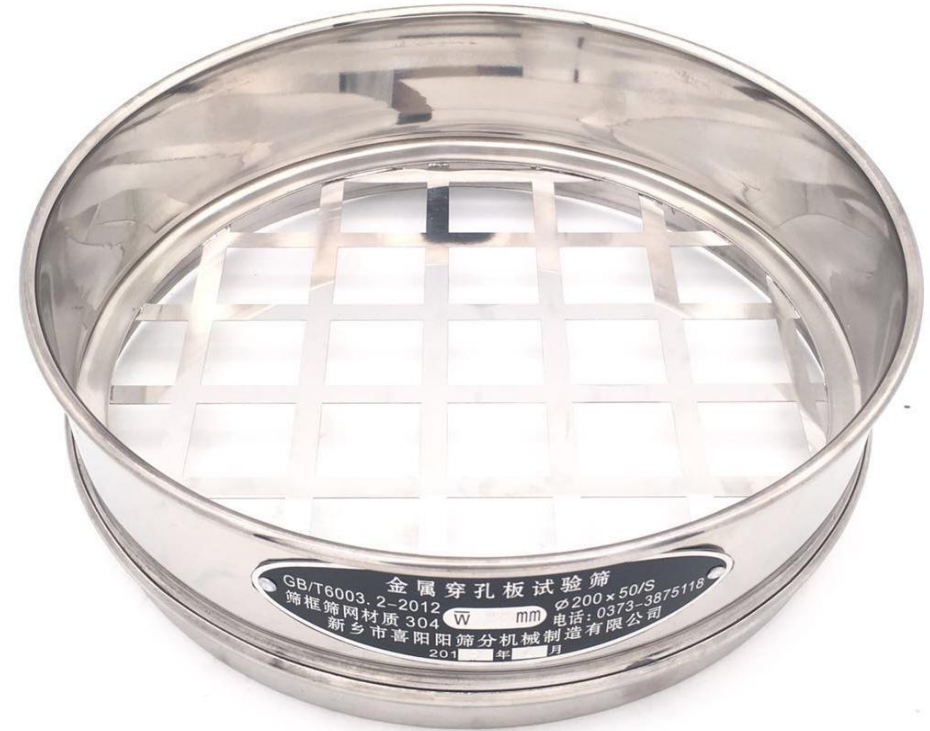
304 stainless steel test sieve

一、 Product performance and characteristics

The test sieve is a kind of sieve which can be used to screen and analyze the particle size of granular materials. As a general measuring instrument, it is widely used in geological exploration, metallurgy, chemical industry, medicine, building materials, abrasives, minerals, cement, glass, grain, ceramics, papermaking and other industries as well as scientific research institutes for particle size analysis and screening test.

According to the material of the screen surface, the test sieve is divided into:

Metal wire woven mesh test sieve, Metal perforated plate test sieve, Electroforming test sieve.



- The wire woven mesh test screen is produced according to the national standard GB / T6003.1-2012. The basic mesh size is 2.36mm-0.038mm, which meets the international standard ISO3310-1:1990 R20 / 3, R20, R40 / 3 series, and the screen material is stainless steel.



- The electroforming test screen is produced by precise electrochemical method. The mesh size range is 500-5um, and the absolute tolerance of mesh size is 2-3um. It is suitable for scientific research institutes and diamond is widely used.

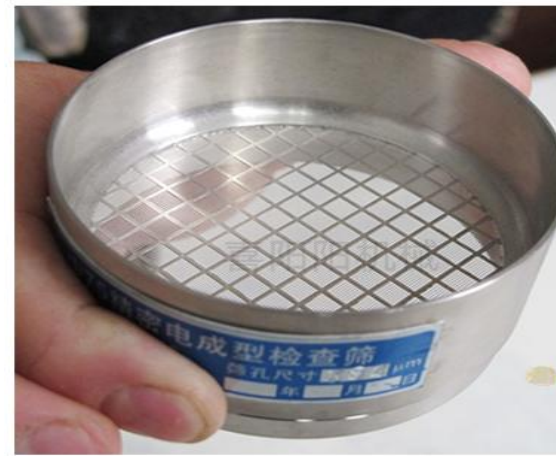
- The national standard GB / T6003.2-2012 is adopted for the metal perforated plate test screen, which conforms to the international standard ISO3310-2:1990 R20 / 3, R20, R40 / 3 series





Support inspection

In strict accordance with GB / t6003.1-2012 standard, using two coordinate detection, mesh uniformity.



The frame and the screen are made of 304 stainless material, and the integral stamping makes the circular concentricity high, and the verticality of the upper and lower connections is high.

304 SS material

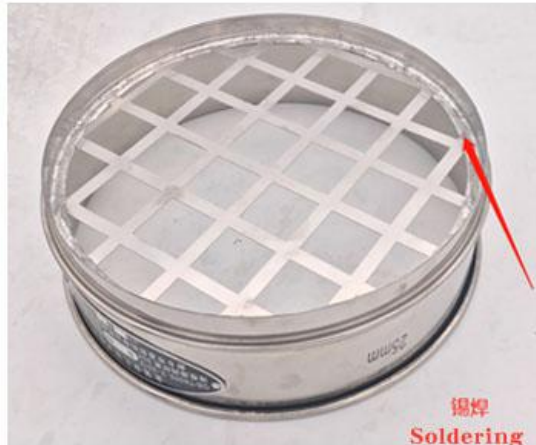
Integrated stamping structure

The frame and screen are made of 304 stainless material.
The integral stamping makes the circle concentric and vertical.



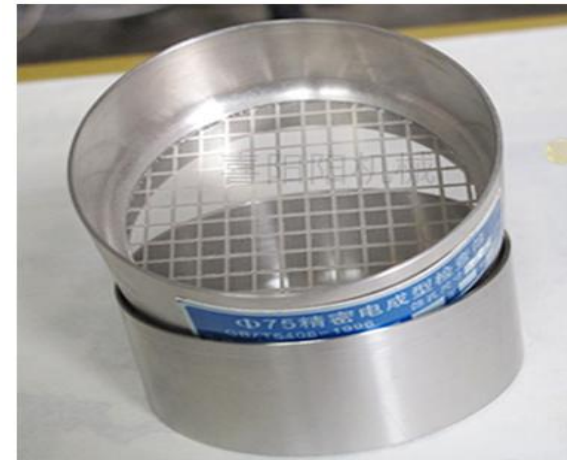
Uniform mesh

Strictly implement the GB/T6003.3-1999 standard and adopt two-coordinate detection with uniform mesh.



Using soldering process

Ensure the firmness between the screen frame and the screen, No material jam, long-term use.



Using soldering process

Ensure that the screen frame and the screen are firm, do not jam the material, and can be used for a long time.



Brand

Xiyangyang machinery

Name

Stainless steel screen

Wire dim

0.020-2mm

Mesh size

0.020-8mm

Material

304ss/316L

Standard grading screen technical standard: GB / T5330-2003, applicable to mining, petroleum, chemical, food, medicine, machinery manufacturing, building decoration, electronics, aerospace and other industries.

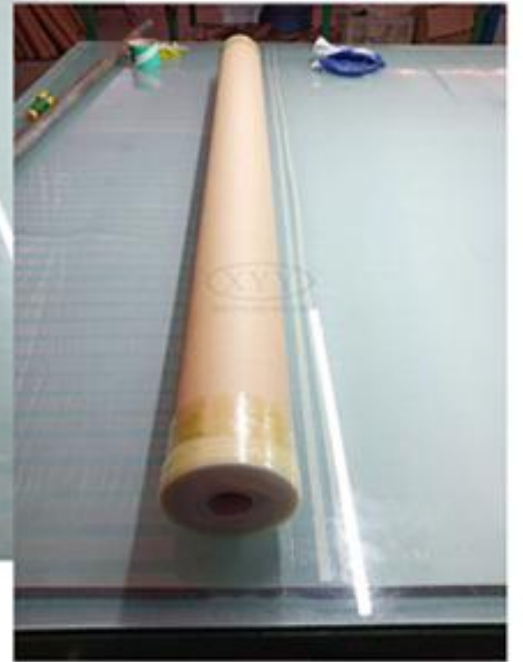


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包装前
Before packing



After packaging
包装后

金属丝编织方孔筛网规格表

Metal wire square mesh screen woven Specification table

筛号 Sieve number	网孔尺寸 Mesh	丝径 Wire diameter	筛分率 Screening rate	重量 (Weight)	英制目数 English mesh (mesh / hour)
				不锈钢 (304ss)	
5/16#	8.00	2.00	64	5.05	2.54
		1.25	75	2.13	2.75
	7.10	1.12	75	1.93	3.09
0.265#	6.70	1.80	62	4.81	2.99
		1.12	73	2.02	3.25
	6.30	1.12	72	2.14	3.42
3/8#	5.60	1.60	60	4.49	3.53
		1.12	69	2.36	3.78
	5.00	1.00	69	2.10	4.23
4#	4.75	1.00	68	2.19	4.42
		1.00	67	2.29	4.62
5#	4.00	1.00	64	2.52	5.08
		0.800	67	1.86	5.84
	3.55	0.063	72	1.20	6.08
6#		3.55	0.800	65	1.95
	3.15	0.800	64	2.04	6.43

金属丝编织方孔筛网规格表

Metal wire square mesh screen woven Specification table

筛号 Sieve number	网孔尺寸 Mesh	丝径 Wire diameter	筛分率 Screening rate	重量 (Weight)	英制目数 English mesh (mesh / hour)
				不锈钢 (304ss)	
7#	2.80	0.710	64	1.81	7.24
		0.560	67	1.29	8.30
8#	2.36	0.560	65	1.36	8.70
		0.500	67	1.15	9.27
10#	2.00	0.630	58	1.90	9.66
		0.500	64	1.26	10.2
12#	1.70	0.560	58	1.68	10.8
		0.450	63	1.43	11.9
14#	1.40	0.400	66	0.962	12.1
		0.500	58	1.5	12.1
16#	1.18	0.400	60	1.12	14.1
		0.560	48	2.19	14.0
18#	1.00	0.400	56	1.28	16.1
		0.355	58	1.08	17.2
	0.900	0.355	54	1.17	18.8
		0.355	51	1.27	20.2

金属丝编织方孔筛网规格表					
Metal wire square mesh screen woven Specification table					
筛号 Sieve number	网孔尺寸 Mesh	丝径 Wire diameter	筛分率 Screening rate	重量 (Weight)	英制目数 English mesh (mesh / hour)
				不锈钢 (304ss)	
20#	0.850	0.315	53	1.07	21.8
	0.800	0.315	51	1.12	22.8
25#	0.710	0.280	51	1.22	25.7
	0.630	0.250	51	0.90	28.9
30#	0.600	0.250	50	0.928	29.9
35#	0.500	0.224	48	0.879	35.1
	0.450	0.180	57	0.849	38.5
40#	0.425	0.180	51	0.649	40.3
	0.400	0.160	55	0.530	43.4
45#	0.355	0.160	48	0.705	45.3
		0.140	51	0.500	51.3
	1.25	0.560	48	2.19	14.0
	0.315	0.140	48	0.544	55.8
50#	0.300	0.140	46	0.562	57.7
		0.112	53	0.384	61.7
	0.280	0.140	44	0.589	60.5
60#	0.250	0.125	44	0.526	67.7
	0.224	0.125	41	0.565	72.8

金属丝编织方孔筛网规格表					
Metal wire square mesh screen woven Specification table					
筛号 Sieve number	网孔尺寸 Mesh	丝径 Wire diameter	筛分率 Screening rate	重量 (Weight)	英制目数 English mesh (mesh / hour)
				不锈钢 (304ss)	
70#	0.212	0.125	40	0.585	75.4
		0.090	49	0.381	84.1
	0.200	0.125	38	0.607	78.2
80#	0.180	0.125	35	0.647	83.3
		0.100	41	0.451	90.7
	0.160	0.112	35	0.582	93.4
		0.090	41	0.409	102
100#	0.150	0.100	36	0.485	102
		0.063	50	0.235	119
	0.140	0.100	34	0.526	106
		0.056	51	0.202	130
120#	0.125	0.090	34	0.475	118
		0.071	41	0.325	130
	0.112	0.080	34	0.420	132
140#	0.106	0.071	36	0.359	144
		0.063	39	0.296	150
	0.100	0.056	41	0.254	163

金属丝编织方孔筛网规格表

Metal wire square mesh screen woven Specification table

筛号 Sieve number	网孔尺寸 Mesh	丝径 Wire diameter	筛分率 Screening rate	重量 (Weight)	英制目数 English mesh (mesh / hour)
				不锈钢 (304ss)	
170#	0.090	0.071	31	0.395	158
		0.063	35	0.327	166
	0.080	0.056	35	0.291	2.54
		0.045	41	0.204	203
200#	0.075	0.050	36	0.252	203
	0.071	0.056	31	0.321	200
230#	0.063	0.045	34	0.237	235
		0.036	41	0.165	257
	0.056	0.040	34	0.210	265
270#	0.053	0.040	33	0.217	273
		0.032	39	0.152	299
	0.050	0.036	34	0.190	295
		0.030	39	0.142	318
325#	0.045	0.036	31	0.202	314
		0.032	34	0.168	330
	0.040	0.030	32	0.162	363

金属丝编织方孔筛网规格表

Metal wire square mesh screen woven Specification table

筛号 Sieve number	网孔尺寸 Mesh	丝径 Wire diameter	筛分率 Screening rate	重量 (Weight)	英制目数 English mesh (mesh / hour)
				不锈钢 (304ss)	
400#	0.038	0.025	36	0.125	403
	0.036	0.028	31	0.155	397
	0.032	0.025	31	0.138	446
500#	0.028	0.022	31	0.122	508
	0.026	0.025	26	0.155	498
	0.025	0.025	25	0.158	508
600#	0.020	0.020			635

Stainless steel screen material:
 SUS304, SUS304L
 SUS316, SUS316L
 SUS310, SUS310S, SUS430, etc

Dzsf series light linear vibrating screen

一、 Product performance and characteristics

The linear vibrating screen is driven by double vibration exciters. When the two vibration exciters are synchronously and reversely rotated, the excitation force generated by the eccentric block cancels each other in the direction parallel to the motor axis, and in the direction perpendicular to the motor axis. Stacking is a resultant force, so the trajectory of the screen machine is a straight line. The two motor shafts have an inclination angle relative to the screen surface. Under the combined force of the exciting force and the material's self-gravity, the materials are thrown up and jump forward on the screen surface for linear motion, so as to achieve the purpose of screening and grading the materials. Can be used to realize automated operations in the assembly line.



Product features



Small size, light weight, simple structure, easy installation and easy maintenance.



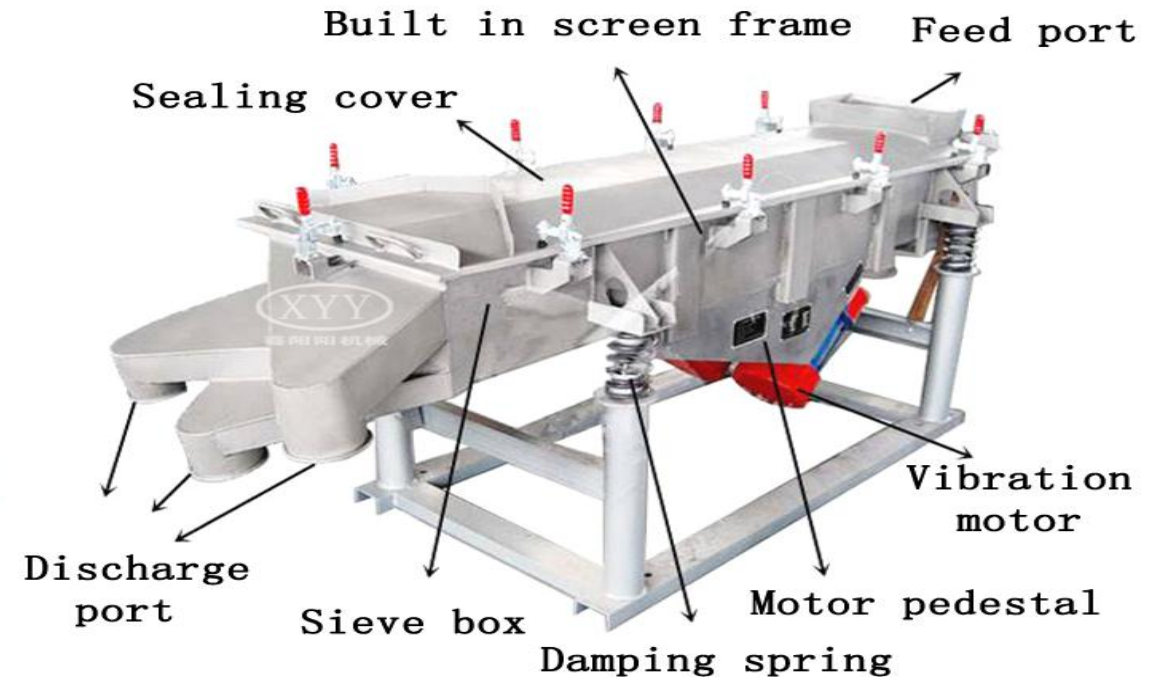
Low noise, low energy consumption, high efficiency and low cost.



High screening precision, no dust pollution, good for environmental protection



Multiple screens can be replaced with long service life.



Technical parameter

Size	Screen size (width * length)	Layer	Power (Kw)	Vibration times (r/min)	Amplitude(mm)	
					L(length)	B(wide)
DZSF-520	500*2000	1-3 4-6	2*0.4 2*0.55	960	2170-2310 2380-2440	890
DZSF-550	500*5000	1-3 4-6	2*1.1 2*1.5	960	5170-5310 5380-5440	890
DZSF-1020	1000*2000	1-3 4-6	2*0.75 2*1.1	960	2200-2450 2550-2750	1400
DZSF-1050	1000*5000	1-3 4-6	2*2.2 2*3	960	5200-5450 5550-2750	1400
DZSF-1220	1200*2000	1-3 4-6	2*1.5 2*2.2	960	2220-2462 2580-2820	1600
DZSF--1250	1200*5000	1-3 4-6	2*2.2 2*3	960	5220-5460 5580-5820	1600
DZSF-1520	1500*2000	1-3 4-6	2*2.2 2*3	960	2170-2470 2626-2920	1900
DZSF-1550	1500*5000	1-3 4-6	2*3 2*3.5	960	5170-5470 5620-5920	1900

Application of vibrating screen



Food



Pharmaceuticals



Chemical



Metallurgy



Filtration



Ceramic Industry



Plastic Industry



Magnetic Materials

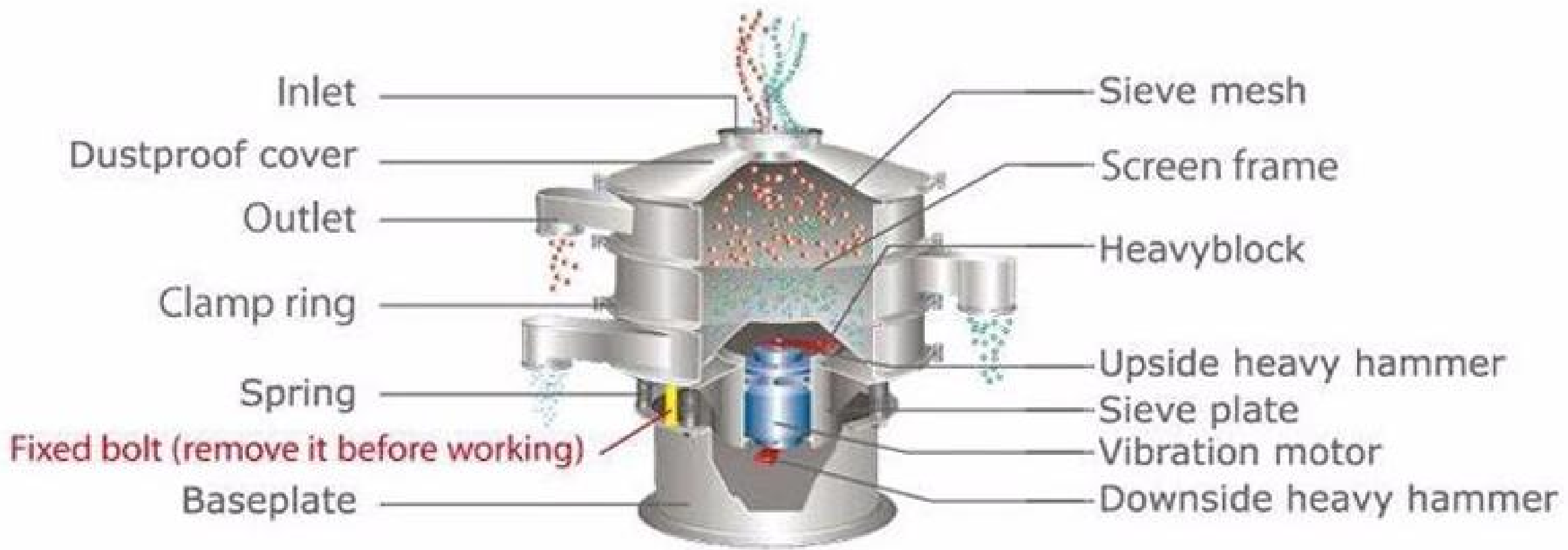
SZX rotary shaker / ultrasonic rotary shaker

一、 Product performance and characteristics

SZX series ultrasonic vibrating screen converts 200V, 50Hz or 110V, 60Hz electric energy into 18kHz high-frequency electric energy, inputs ultrasonic transducer and turns it into 18kHz mechanical vibration, so as to achieve the purpose of high-efficiency screening and cleaning, and make ultra-fine screening easy. Based on the traditional vibrating screen, a low amplitude and high frequency ultrasonic vibration wave (mechanical wave) is introduced into the screen to improve the screening performance of ultra-fine powder. It is especially suitable for users of high added value fine powder.



Product details display



Product features



Reduce or not produce network clearing time;



There is no pollution of auxiliary materials such as bouncing on the powder;



Keep the mesh size and stabilize the screening accuracy;



Decompose the adhesion material and reduce the material on the screen;



Reduce screening times.

Product accessories

旋振筛参数表

Parameter table of rotary vibrating screen

型号/Size		SZX-600	SZX-800	SZX-1000	SZX-1200
直径/Diameter		Φ 540	Φ 730	Φ 900	Φ 1100
有效筛分面积/Effective screening area		0.22889	0.4183	0.26359	0.9499
筛网/规格 Screen/Specification(Mesh)		500目/Mesh			
层数/Layer		1-5	1-5	1-5	1-5
功率 (KW) Power	振动电机 Vibration motor	0.25	0.55	0.75	1.1
	普通电机 Ordinary motor	0.75	1.1	1.5	1.5

Product display



Square swing vibrating screen

一、 Product performance and characteristics

FYBS square swing screen is a kind of high-efficiency screening equipment with high precision and large output specially designed for "pursuing screening accuracy at the expense of output, and pursuing large output will reduce accuracy".

It is widely used in chemical industry, Metallurgy, non-ferrous metals, non-ferrous metals, food, abrasives and other industries.



Product features



Reduce or not produce network clearing time;



There is no pollution of auxiliary materials such as bouncing on the powder;



Keep the mesh size and stabilize the screening accuracy;



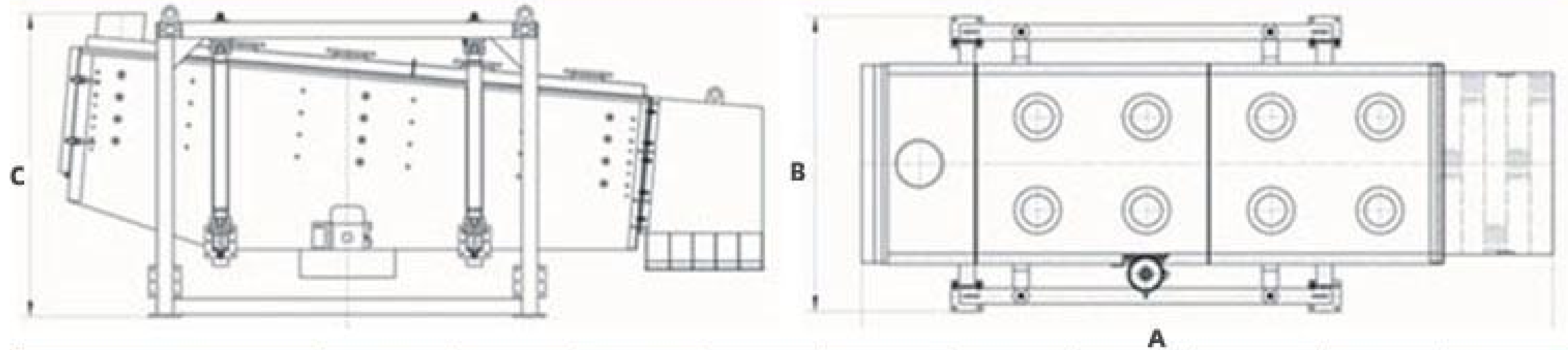
Decompose the adhesion material and reduce the material on the screen;



Reduce screening times.

Product principle

XYF-FY-Dimensions of square swing screen



Model	XYF-FY-1030	XYF-FY-1036	XYF-FY-1230	XYF-FY-1236	XYF-FY-1530	XYF-FY-1536	XYF-FY-1830	XYF-FY-1836	XYF-FY-2030	XYF-FY-2036
A(mm)	3824	4442	3824	4442	3824	4442	3824	4442	3824	4442
B(mm)	1700	1700	1900	1900	2200	2200	2500	2500	2700	2700
C(mm)	1917	1917	1917	1917	1917	1917	1917	1917	1917	1917

XYF-FY-Technical Parameters of Square Swing Screen

Model	XYF-FY-1030	XYF-FY-1036	XYF-FY-1230	XYF-FY-1236	XYF-FY-1530	XYF-FY-1536	XYF-FY-1830	XYF-FY-1836	XYF-FY-2030	XYF-FY-2036
Effective screening area(m ²)	3	3.6	3.6	4.32	4.5	5.4	5.4	6.48	6	7.2
Power (KW)	3		4		5.5		7.5		7.5	
Screen inclination (°)	5-8		5-8		5-8		5-8		5-8	
Number of layers	1-5		1-5		1-5		1-5		1-5	
Number of revolutions (r/min)	180-260		180-260		180-260		180-260		180-260	
Screen box stroke(mm)	25-60		25-60		25-60		25-60		25-60	

Application of vibrating screen



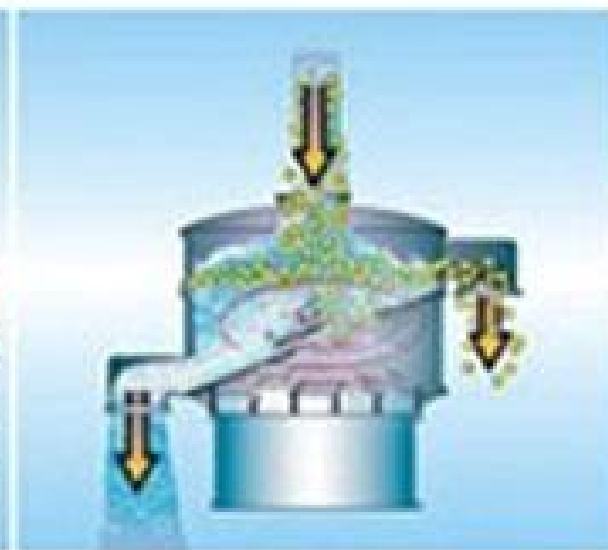
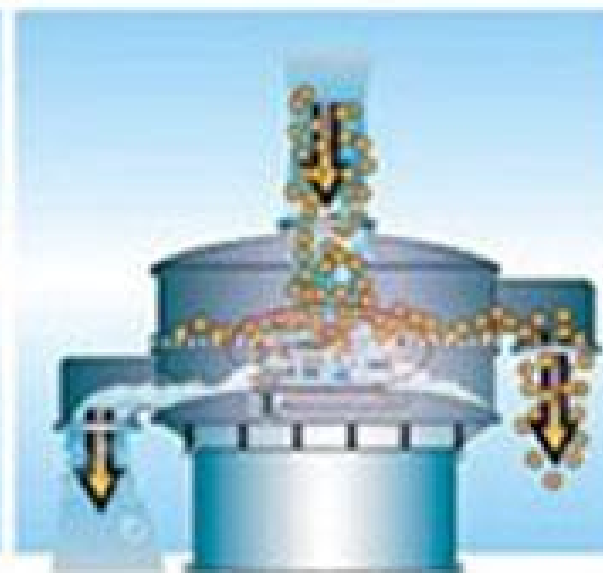
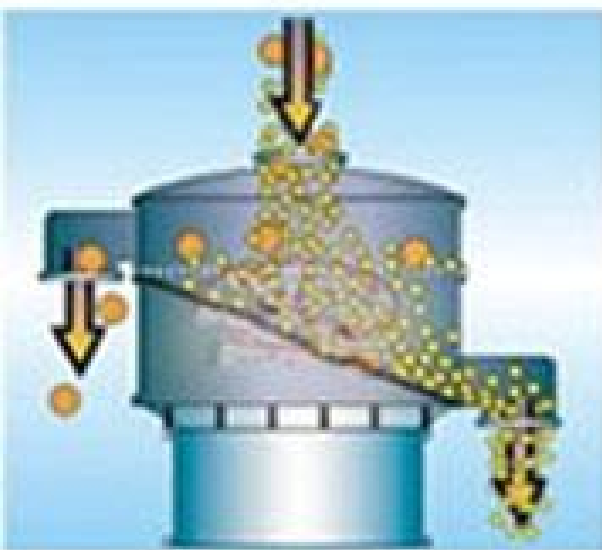
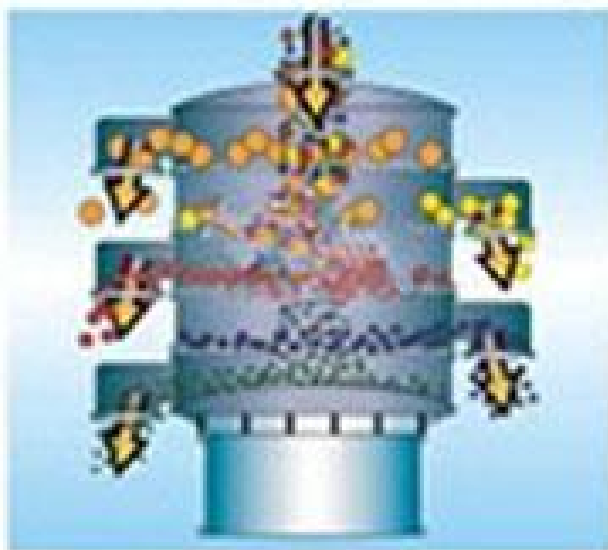
YBS circular swing screen

—、 Product performance and characteristics

Swing screen is designed to meet the needs of large production, high-precision screening is to look at both hands with eyes. Swing screen is the mechanical simulation of comparison, it is the most effective simulation of the effective principle of manual screening movement (the screening accuracy, efficiency, screen life are 5-10 times of the conventional round screen), in line with all fine and ultra-fine range of powder and particulate materials, especially suitable for difficult to process materials.



原理示意图 Schematic diagram



固体筛分

Solid sieving

固体筛分

液体过滤

Liquid screening

液体过滤

Product features



1. Up to 5 times the unit area reconstruction



2. Accurate to 6 levels of separation, the screening efficiency reaches 90-95%



3. Using silicone rubber ball, ultrasonic and other high-efficiency cleaning device cleaning device system, the screen hole will not be blocked

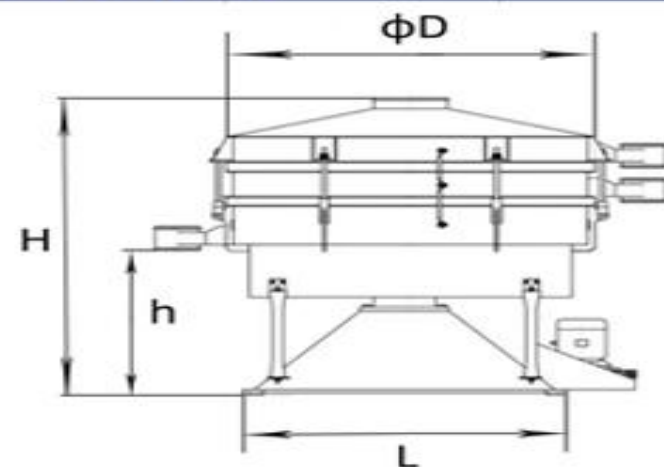
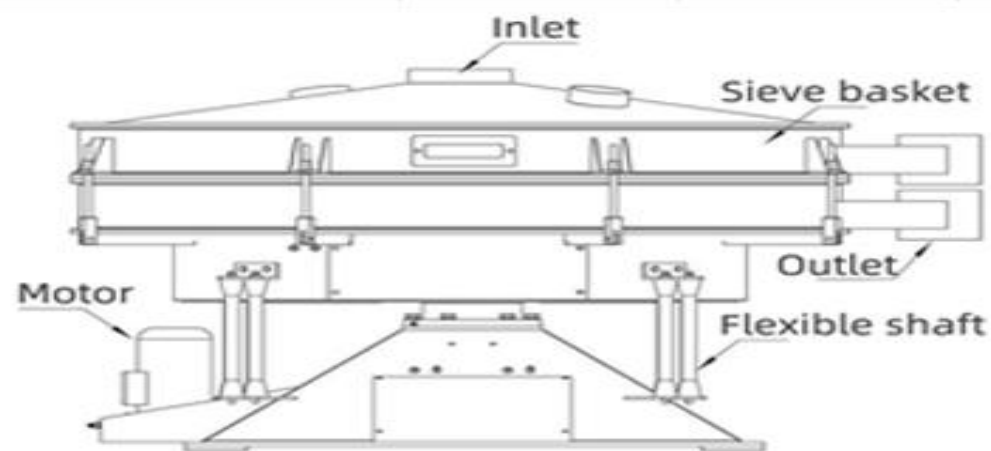


4. Airtight dust removal, safe operation; acceleration is 4.5 times lower than that of vibrating screen, the life of screening parts is increased and maintenance is reduced; noise is less than 75 decibels



5. Optimize the balance of gravity and low dynamic load on the foundation.

XYY-YBS Swing screen outline drawing



Screen machine model	XYY-YBS-1000	XYY-YBS-1200	XYY-YBS-1500	XYY-YBS-1600	XYY-YBS-2000	XYY-YBS-2600
L (mm)	900	1100	1340	1340	1340	1940
H (mm)	1387	1387	1492	1515	1629	1800
h (mm)	707	707	723	723	850	880
φD (mm)	1040	1250	1500	1580	1880	2650

XYY-YBS Swing screen technical parameters

Project		Specification					
Serial number	Name/Unit	XYY-YBS-1000	XYY-YBS-1200	XYY-YBS-1500	XYY-YBS-1600	XYY-YBS-2000	XYY-YBS-2600
1	Screening area(m ²)	0.71	1.11	1.60	1.83	2.62	5.31
2	Sieve layer numbers	1-5	1-5	1-5	1-5	1-5	1-5
3	Occupied area(m ²)	>0.81	>1.57	>2.30	>2.50	>3.24	>6.76
4	Driving power(KW)	1.5	1.5	3.0	3.0	4.0	5.5
5	Net cleaning method	1、2、3	1、2、3	1、2、3	1、2、3	1、2、3	1、2、3
6	Screening efficiency(%)	>95	>95	>95	>95	>95	>95
7	Reference weight (KG)	400	480	850	890	990	1660

Remarks: Description of the code name of the net cleaning device 1. Bouncing ball to clean the net 2. Turn to brush the net 3. Ultrasonic cleaning. If the actual object does not match the pattern in the text, please refer to the actual object.

Application of vibrating screen



contact us



134-0921-5871

135-2507-9458

Mike Li

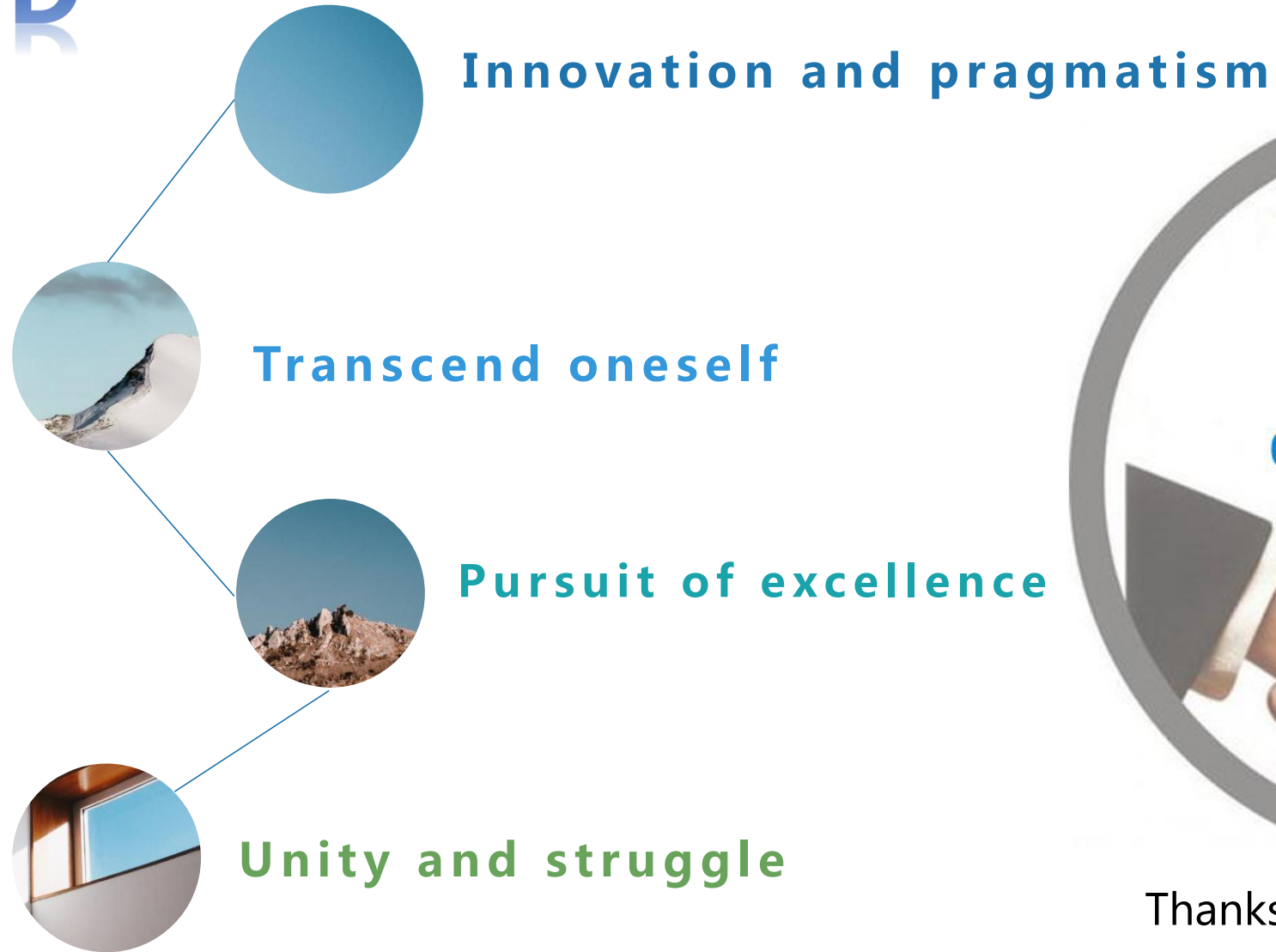
our company

WE ARE PROMISE

**Factory direct sales, lightning delivery
Support customized, do your strong backing!**

1723913959@qq.com

END



Thanks for watching

Welcome to our company for guidance and inspection!