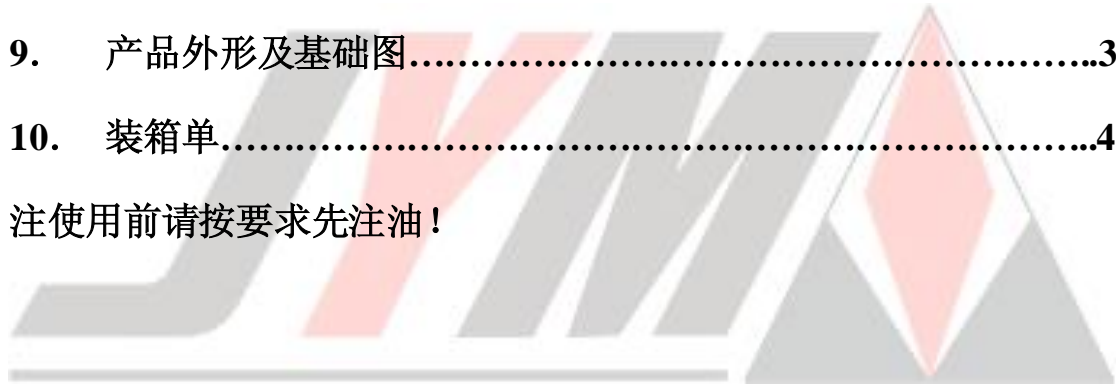


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注使用前请按要求先注油！





## 机器的操作和规定

### ■ 启动前的准备工作：

1. 阅读值班记录，处理上一班的遗留问题；
2. 检查并排除机体与溜槽，弹簧及支承座之间有无物料等影响机体运动的杂物；
3. 仔细检查所有紧固件是否安全紧固；
4. 检查激振器内的润滑油是否高于油标高度；
5. 检查传动皮带是否良好：如发现破损时应更换；有油污时，用抹布将其擦干净；
6. 检查防护装置良好，发现有不安全现象时应及时排除。

### 启动：

1. 经检查，机器与传动部分情况正常，始可启动；
2. 本机仅允许在无载荷情况下启动；
3. 启动后，如发现有不正常现象时，应立即停车，待查明和排除不正常情况后，方可再启动。

### 使用：

1. 本机稳定振动后，方可带料运行；
2. 加料应符合负载试车要求；
3. 停机应按工艺顺向进行，禁止带料停机时停机后继续给料。

## 机器的维护与安全技术

### ■ 经常的维护和检修延长机器使用寿命，确保正常工作的重要手段，用户应予以重视，对于润滑，应注意以下几点：

1. 本机采用溪油润滑，润滑油应根据使用地点，气候条件决定，一般采用 20# 齿轮油；
2. 应保证激振器中的稀油面高于油标高度（通过管接头弯管注），每 3-6 个月更换一次，换油时应用洁净的汽油或煤油清洗油箱，轴承滚道及齿轮表面。

### 安全技术：

1. 本机操作人员，必须安全技术教育；
2. 运转时，严禁机边立人、用手触摸机体、调整、清理或检修等；
3. 机器设备应接地，电线应可靠绝缘，并装在蛇皮带内，经常检查电机接线是否磨损和漏电。

## 易损件明细表

零件名称	图号	数量
弹簧	GW05-1	9
侧护板	GW05.1-1	4
底护板	GW05.1-2	4
侧护板	GW05.1-4	2
筛条	GW05.1.3	8

**ZSW-490\*110 振动喂料机装箱单**

序号	图号	名称	数量 (件)	外形尺寸 (mm)	重量 (kg)	附注
1		振动喂料机	1	1050*320*232		裸装
2		前弹簧支架	1	570*230*232		捆扎
3		后弹簧支架	2	Y180L-615KW		捆扎
4		电动机 (槽轮)	1			装箱
5		三角胶带	3 根	成品		装箱
6		电机底座	1			捆扎
7		螺旋弹簧	9	Φ 28*478		捆扎
8		螺栓	30			装箱
9		螺母 20	30			装箱
10		垫圈 20	3			装箱
11		弹簧垫圈	30			装箱
12		螺栓	4			装箱
13		螺母	4			装箱
14		垫圈	4			装箱
15		弹簧垫圈	4			装箱
16	GB799	地脚螺栓	12	M20*500		捆扎
17	GB799	地脚螺栓	4	M16*400		捆扎

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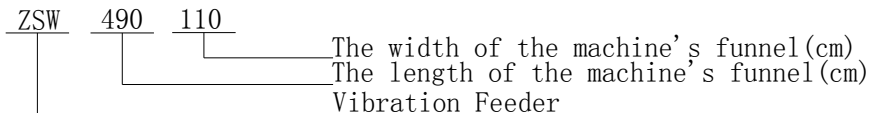
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## The Application Of The Machine

- This machine makes use of the principle of the vibration. It is applied for mill runing, construction, silicate and chemistry industry. It can equably supply the stone whose size is lower than 580 mm for line.

## Specification & Instructions



## The Main Technical Parameters

Size of the funnel(L*W)	4875*1164mm	Max feed size	600mm
Rotate speed of eccentric shaft	500 ~ 800r/min	The capacity of feeding	120~280t/h
Vibrating double swing	8mm	Motor Model、Power、 Rotate speed	Y280M-615KW1000r/min
Weight of machine(excluding motor)	5320KG	Overall dimension(l*w*h)	4957*2400*2150mm

## The Main Technical Parameters

- ZSW-490\*110 vibrating feeder consist of vibration mil, spring, pulsate, electric mil and the motor shaking device consists of the two eccentric shaft. These gear wheels jogged. When installation you must make sure these gear wheels jogged according to the sign. The power drives these the accentric shafts circumrotate, which can produce huge power to force the mil vibrate on the spring. The material can use power move on the funnel. This can force the material move ahead, so can attain the aim of feeding. When the material go through the screen that on the funnel, the small material can directly fall through the screen's clearance.

## The installation, and debugging

This machine is assembled by the making factory, and also examined by manufacturer. After receiving the machine users should exam carefully, you can find and get rid of the errors through the transportation. When installation, and debugging and trying-operation you should pay attention to something as follows:

1. Due to the strongly vibration of this machine, so it should be bull on the base concrete. The height, the depth and the area should caculated alone according to the soil condition. It is advisable to make basis 1.5 times of the total weight of the machine. Size of the machine can

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be consulted the drawing. Feeder basic height and the form of output of material according to topographical condition. Users can adopt terms steel construction or concrete construction's height's adjustment to meet the next working procedure's requirement.

2. The trough of the unfired and the screen belong to fixture. The through and the feeder vertical direction interval should be kept 90mm; the interval of the horizontal direction should be kept 30mm.
3. Installation of motor and frame should make the through wheel of the electrical machinery meet at an angle of 45 degrees with surging center line shaking device through and horizontal line. The board and the base lat of electrical machinery become from 15 degrees to 20 degrees. Pay attention to according with the rotation direction of the vibration device in the picture.
4. Clear the oil antirust that on the shaking device, and immix the lubricant oil consults 1(1) in seven. The surface of the oil is higher than the height of the mark.
5. After installation and debugging you should try to run the machine. When taking a trial run unloaded you should achieve some request as follows:
  - (1) Operate for 2 hours in succession.
  - (2) All fasteners should be firm and there is no phenomenon of becoming flexible.
  - (3) All friction position has not been scotched, and there is no abnormal noise and vibration when take a trial run loaded you should achieve some requests as follows.
  - (4) When feeding materials, make sure that the materials can not impact the machine, don't feed deflect or in pile machine so as to protect the machine, support the spring and make the machine shale steadily.
  - (5) The max feed size should according to the rules.

## The Operation Rules Of The Machine

### ■ The preparation work before running

- (1) Check the note on duty and deal with problem last time.
- (2) Check and debar the mil, check out if there are sundries that can stop working between the spring and bracket.
- (3) Check carefully whether all the fasteners are firm.
- (4) Check out whether the surface of the lubricating oil is higher than the height of the mark.
- (5) Check out whether the conveyor belt is good. If the conveyor belt is dishcloth, you should replace it. If there is smeary, you can rub it use a dishcloth.
- (6) Check out whether the protective device is all right, if there are unsafe phenomenas you should get rid of them in time.

### ■ Starting

- (1) Start after make sure machine and transmission part's condition is normal
- (2) This machine should be started unloaded.
- (3) Stopped immediately when some abnormal happen and start again after getting rid of the matters you can run it again.

### ■ Using

- (1) After shaking steadily, it can run with material.
- (2) Feeding material should meet the requirement of running unload.
- (3) Stop should be carried out along the ethnics, it forbids the machine to stop when there are

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material to stop when there are materials in it. And it also forbid feed when the machine is stopped or after or after stopped.

### Maintenance and Safety Technology

■ Maintenance and overhaul is an important means to lengthen machine service life and to guarantee normal work, the user should pay attention to that. As the lubrication, you should notice something as follows:

- (1) The lubricating oil this machine used is watery. The temperature of the use-place should adapt the lubricating oil. Usually use 20# oil.
- (2) Make sure that the surface of the lubricating oil is higher than the height of the mark. It should be replaced every 3~6 months. When replacing the oil, you should clear the oil-board by benzene or coat oil, bearing orbit and the surface of the gear.

■ Safe practice:

- (1) The operator must accept the education of safe technology.
- (2) When running, people mustn't stand near the machine, don't touch adjust clear and overhaul the mil.
- (3) The machine should be grounded parts the electrical wire should be insulated and installed in the snakeskin annulations. Check out whether the motor is abrasion or creepage.

### The List Of The Quick-wear Parts

Name of the parts	Number of the chart	Amount
Spring	GW05-1	9
The protect-board on side	GW05.1-1	4
The protect-board on bottom	GW05.1-2	4
The protect-board on side	GW05.1-4	2
Screening bar	GW05.1.3	8

## ZSW-490\*110 vibrating feeder

No.		Name	Quantity( Piece)	Overall dimension (mm)	Weight (kg)	Package
1		Vibrating feeder	1	1050*320*232		Nude Pack
2		Front spring bracket	1	570*230*232		Enlace
3		Back spring bracket	2	Y180L-615KW		Enlace
4		Mptor	1			Incase
5		Trigle belt SPC-2800	3	Finished product		Incase
6		Motor base	1			Enlace
7		Revolving spring	9	Φ 28*478		Enlace
8		Bolt M20*60	30			Incase
9		Nut 20	30			Incase
10		Gasket 20	3			Incase
11		Spring gasket	30			Incase
12		Bolt M 12*60	4			Incase
13		Nut M 12	4			Incase
14		Gasket 12	4			Incase
15		Spring gasket 12	4			Incase
16	GB799	Ground bolt	12	M20*500		Enlace
17	GB799	Ground bolt	4	M16*400		Enlace