

## Auto Centering Vibrating Screen

### Principle

Driven by the motor through the pulley, the eccentric main shaft integrated with the screen box rotates and generates centrifugal force, and drives the vibration of circular trail of the screen box.

### Features

World renowned wear-resistant rubber meshes with the service life 10- 20 times as long as that of the steel and 4-6 times as long as that of polyurethane can be provided.

World renowned wear-resistant rubber spring with long service life and low noise can be provided. Both the pedestal and hanged type vibrating screen are available.

The eccentricity of 3-5mm between the large pulley and the eccentric shaft balances the overall movement of the large pulley during the vibration of the vibrating screen, and increases the drive stability.

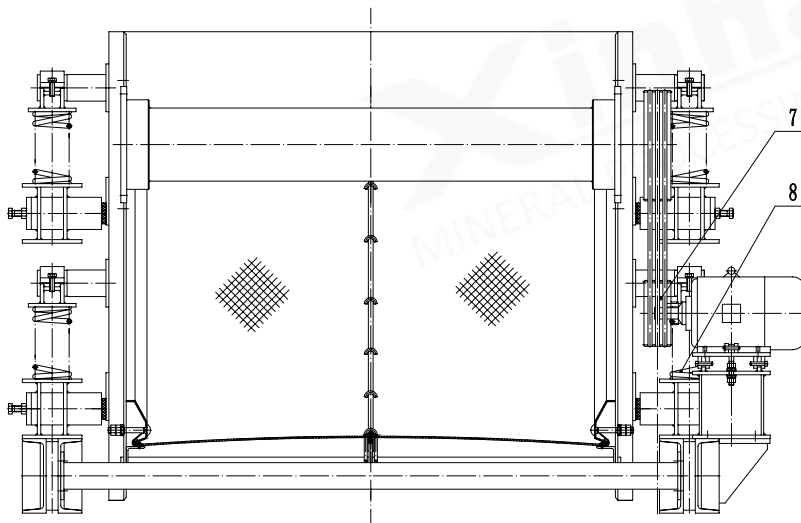
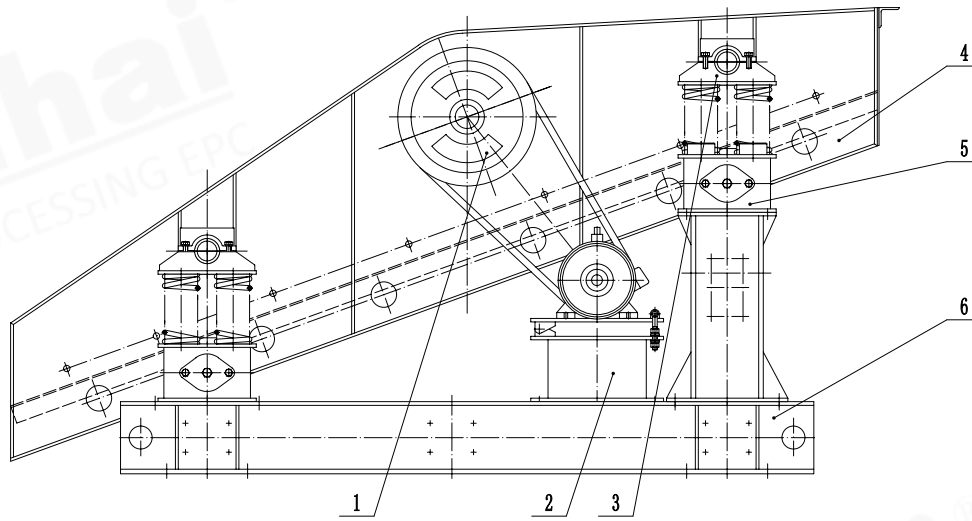
### Application

Applicable for the classification of fine-grained materials in the industries such as mines, coal, metallurgy, building materials and chemical engineering.



### Technical Parameters

Model	Spec.	Max. Feed Size (mm)	Capacity (t/h)	Motor Model	Motor Power (kW)	Weight (kg)	Remarks
SZZ0918	900 × 1800	40	20~25	Y100L1-4	2.2	420	Hanged
SZZ0918			10~30			553	Pedestal
2SZZ0918			20~40			570	Pedestal
SZZ1225	1250 × 2500	100	100	Y132S-4	5.5	1017	Hanged
SZZ1225			100			1466	Pedestal
2SZZ1225			100~150			1320	Hanged
2SZZ1225			100~150			1870	Pedestal
SZZ1530	1500 × 3000	100	90~200	Y132M-4	7.5	1850	Hanged
SZZ1530						2665	Pedestal
2SZZ1530						2963	Hanged
SZZ1540	1500 × 4000	100	90~200	Y160L-4	15	2865	Pedestal
2SZZ1540	1500 × 4000	400	90~200	Y160L-4	15	3412	Pedestal
SZZ1836	1800 × 3600	150	100~300	Y160M-4	11	4500	Hanged
2SZZ1836				Y180M-4	18.5	5616	Pedestal



■ Structure Drawing of Auto Centering Vibrating Screen

- ⊙ Notes:
- |                        |                         |
|------------------------|-------------------------|
| 1. Vibrator            | 2. Motor bottom frame   |
| 3. Spring upper seat   | 4. Screen case          |
| 5. Spring bottom frame | 6. Support bottom frame |
| 7. Motor belt pulley   | 8. Helical spring       |