



Application

This series of crushers is widely applied in metallurgical, construction, road building, chemical and phosphatic industry. It is suitable for hard and mid-hard rocks and ores, such as iron ores, copper ores, limestone, quartz, granite, gritstone, etc. Type of the crushing cavity is decided by the application of the ores. Standard type is for PYZ (secondary crush); middle type is for PYD (tertiary crush); short-head type is for primary and secondary crush.

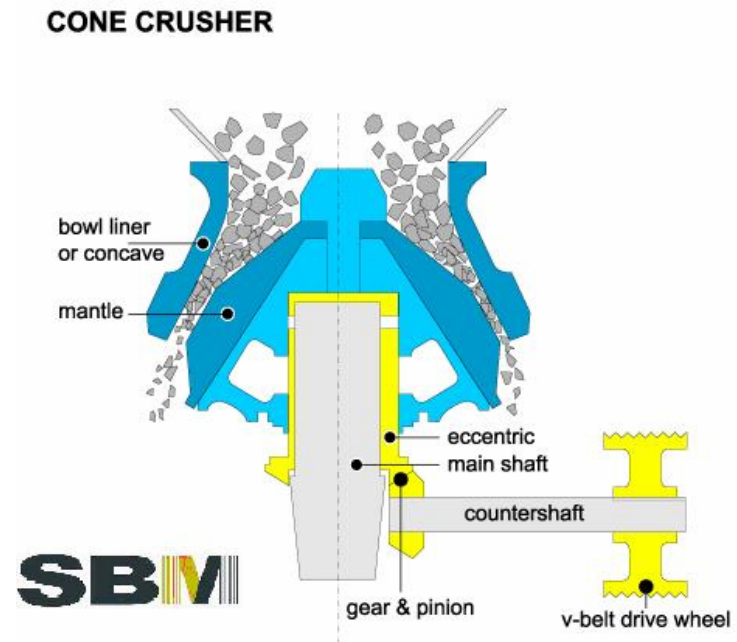
Features

1. high productivity; high quality
2. less machine stop time
3. easy maintenance and low cost
4. unique crushing ability in primary, secondary and tertiary crushing

Structure and operation principles

The crusher consist of frame, transmission device, hollow eccentric shaft, bowl-shaped bearing, crushing cone, springs and hydraulic pressure station for adjusting discharge opening.

During operation, the motor drives the eccentric shaft shell to turn around through a horizontal axle and a pair of bevel gear. The axle of crushing cone swings with the force of eccentric shaft shell so that the surface of the crushing wall is close to the roll mortar wall from time to time. In this way, the ores and rocks will be pressed and crooked and crushed.



Technique paramete

| Model | weight (T) | power | diameter of cone | width of feed | max feeding size | adjustment range of discharge opening | capacity (t/h) | |
|-------|------------|-------|------------------------|---------------|------------------|---------------------------------------|----------------|----------|
| | | | crusher at big end(mm) | opening (mm) | | | | |
| PYB | 600 | 5 | 30 | Φ600 | 75 | 65 | 12-25 | 20-40 |
| PYD | | | | Φ600 | 40 | 35 | 2-13 | 12-23 |
| PYB | 900 | 11.2 | 55 | Φ900 | 135 | 115 | 15-50 | 60-105 |
| PYZ | | | | Φ900 | 70 | 60 | 5-20 | 50-90 |
| PYD | | | | Φ900 | 50 | 50 | 3-13 | 20-65 |
| PYB | 1200 | 35 | 130 | Φ1200 | 170 | 145 | 20-50 | 110-168 |
| PYZ | | | | Φ1200 | 115 | 100 | 8-25 | 42-135 |
| PYD | | | | Φ1200 | 60 | 50 | 3-15 | 18-105 |
| PYB | 1750 | 50.2 | 160 | Φ1700 | 250 | 215 | 10-30 | 280-480 |
| PYZ | | | | Φ1700 | 215 | 185 | 10-30 | 115-320 |
| PYD | | | | Φ1700 | 100 | 85 | 5-15 | 75-230 |
| PYB | 2200 | 80 | 260 | Φ2200 | 350 | 300 | 30-60 | 590-1000 |
| PYZ | | | | Φ2200 | 275 | 230 | 10-30 | 200-580 |
| PYD | | | | Φ2200 | 130 | 100 | 5-15 | 125-350 |

Note: This specification is just reference, any changes are subject to the products.

SHANGHAI SHIBANG MACHINERY CO., LTD



877th, Dongfang Rd., Pudong New District, Shanghai, China

Postcode : 200122

E-mail : shsb@21shsb.net shibangmachinery@yahoo.com

International Trade Department:

International Dept.1: Tel: 0086-21-50589952 Fax:0086-21-50582655

International Dept.2: Tel: 0086-21-50582656 Fax:0086-21-50582655

International Dept.3: Tel: 0086-21-58300271 Fax:0086-21-50586122