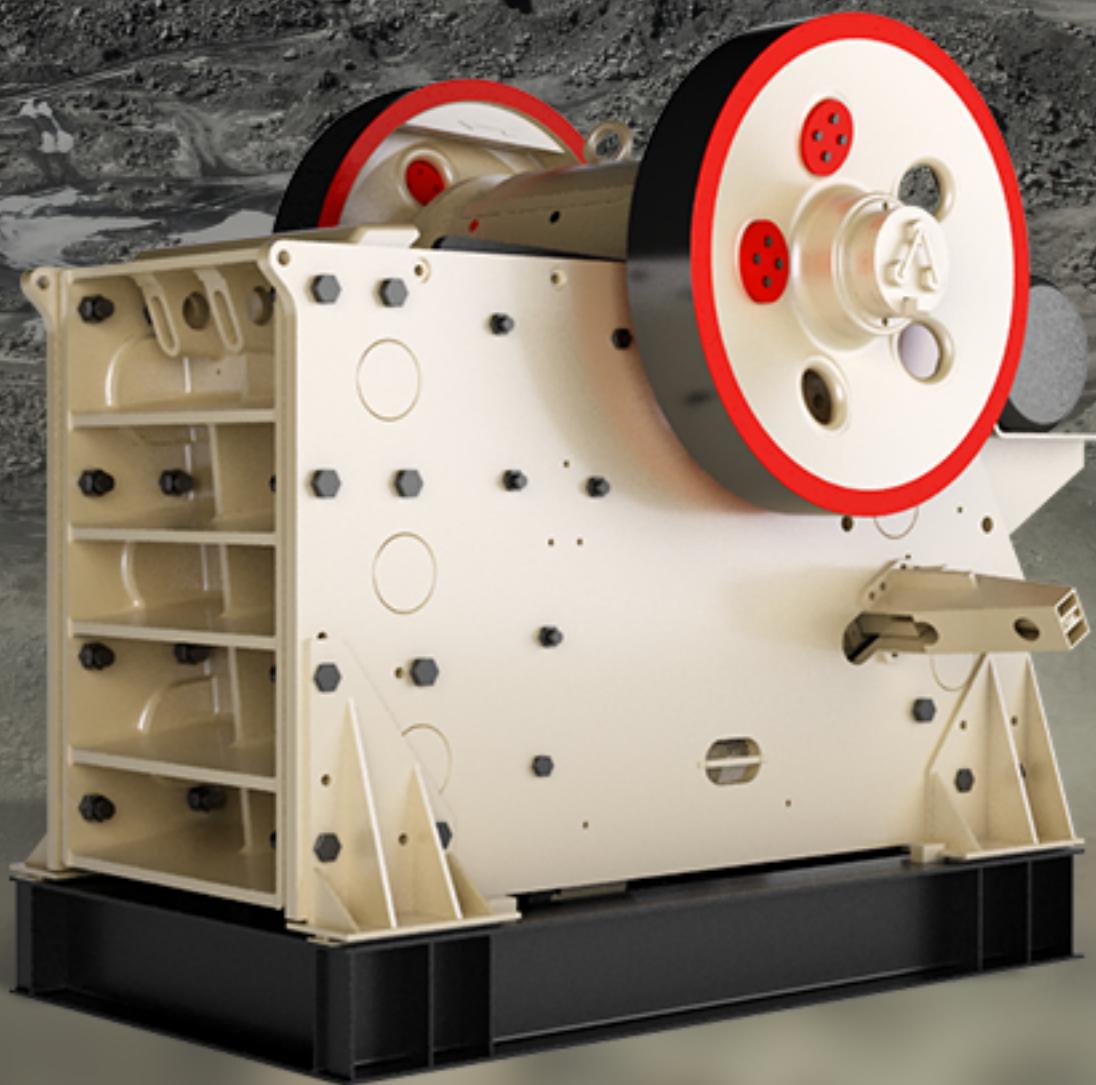




JAW CRUSHERS FOR ALL YOUR NEEDS





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Forty Years of Production Experiences



Henan Fote Mining Machinery Co., Ltd. is a joint-stock mining machinery enterprise integrated in scientific research, production and marketing, which mainly produces heavy-duty mining machines. The advanced technologies have been introduced from America, Germany, Japan and Australia.

The international advanced production line, first-class modern testing base and research centers of sand making, powder grinding, ore beneficiation and building material equipment are established.

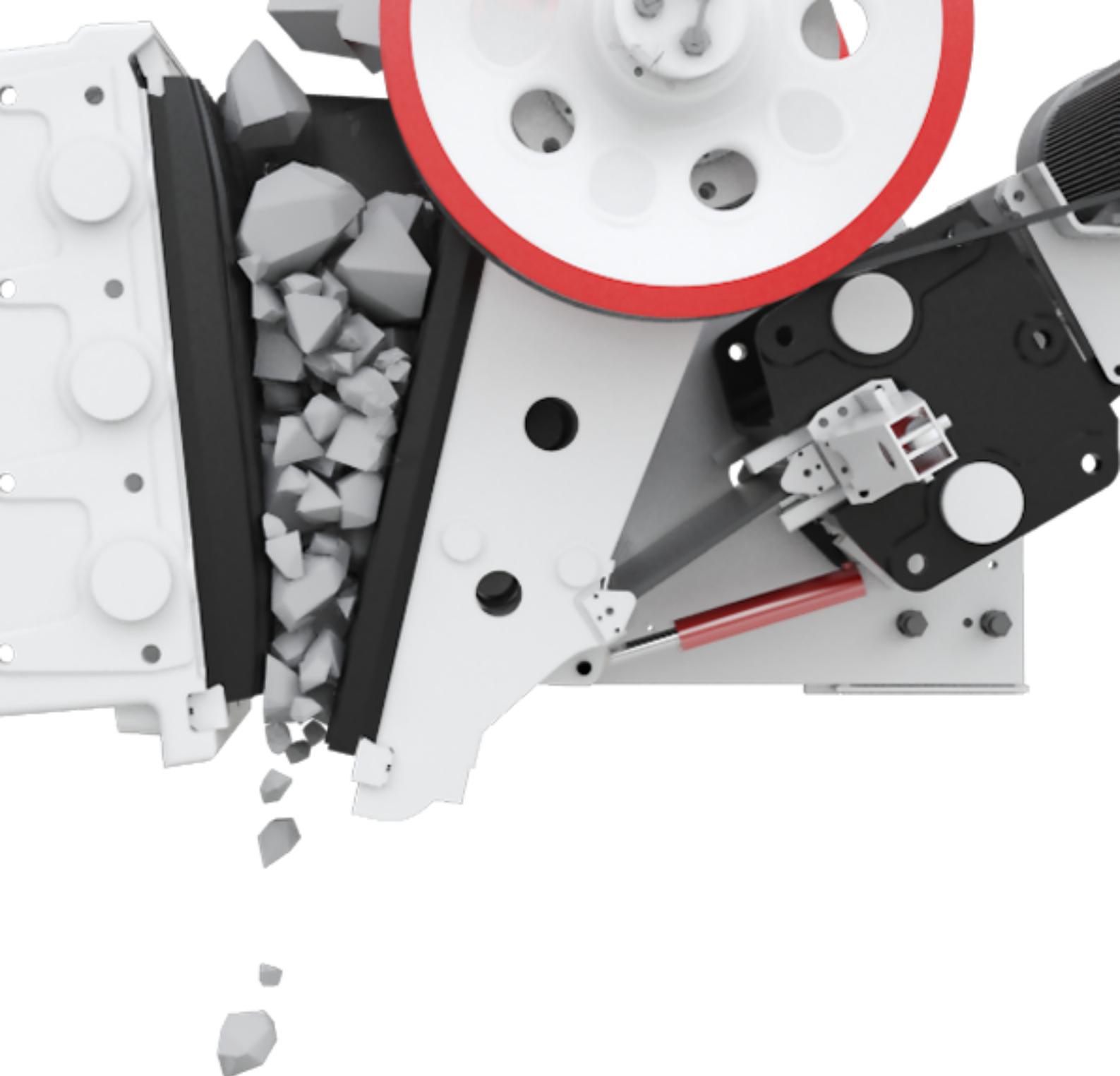
- The enterprise has
- Scientific management
 - Excellent manufacturing technologies
 - Creative manufacturing ideas
 - Rapidly developed into high-end production and export base.

The enterprise covers an area of over 350,000 m²

Standardized heavy-duty industrial plants of 260,000 m²

More than 600 large and medium-sized equipment

More than 2,300 employees, including more than 360 high-tech talents



The equipment consists of bracket, movable jaw, eccentric shaft, jaw plate, toggle plate, etc.

Eccentric shaft is driven to rotate by motor and jaw runs on adjusted track to crush materials in the crushing chamber.

STRUCTURE

JAW CRUSHER



CJ Series of Euro Jaw Crusher



- I.** The new toothed guard plate is used to increase efficiency and productivity.
- II.** The final product has a uniform particle size, good grain shape, and higher economic value.
- III.** With the excellent motion parameters, the design of the main components is more precise, and the crushing effect is better.
- IV.** The bearing specifications are larger, the bearing capacity is higher, the crushing force is larger, and the waste generated from the crushing process is less.

CJ SERIES OF EURO JAW CRUSHER PARAMETERS

| Model | Feed Opening Size L×W (mm) | Max. Feeding size (mm) | Range of discharging port (mm) | Handling capacity(t/h) | Power (kw) |
|--------|----------------------------|------------------------|--------------------------------|------------------------|------------|
| CJ96 | 930×580 | 480 | 60-175 | 120-450 | 90 |
| CJ106 | 1060×700 | 560 | 70-200 | 155-580 | 110 |
| CJ125 | 1250×950 | 760 | 100-250 | 290-840 | 160 |
| CJ150 | 1400×1200 | 960 | 125-250 | 340-950 | 200 |
| CJ160 | 1600×1200 | 960 | 150-300 | 430-1260 | 250 |
| CJ200 | 2000×1500 | 1200 | 175-300 | 760-1590 | 400 |
| CJ1511 | 1500×1070 | 850 | 125-300 | 385-1080 | 200 |
| CJ1513 | 1500×1300 | 1040 | 150-300 | 480-1160 | 200 |



German Type Jaw Crusher

More Crushing Power

The use of oversized bearings and forged spindles provides greater crushing force.

High Quality, High Productivity

Compared with other crushers, the HD German version jaw crusher has a larger crushing stroke, higher productivity and greater load carrying capacity, which can increase the output by 30%-50%.

Low Failure Rate and Easy Maintenance

Reliable performance, high wear-resistant toothed plate, long maintenance period, and cost-saving.

Wide Application and Strong Applicability

Compared with the other jaw crushers of the same specification, the German Type Jaw Crusher has simple and reasonable structure with less space.

CJ SERIES OF EURO JAW CRUSHER PARAMETERS

| Model | HD72 (57) | HD86 (69) | HD98 (751) | HD110 (912) | HD125 |
|--------------------------------------|-----------|-----------|------------|-------------|----------|
| Feed Opening Size(mm) | 460×720 | 580×860 | 680×980 | 850×1100 | 950×1250 |
| Maximum feeding size (mm) | 425 | 500 | 630 | 750 | 900 |
| Range of discharging port (mm) | 45-100 | 50-150 | 75-175 | 100-200 | 125-225 |
| Handling capacity(t/h) | 50-120 | 60-210 | 110-330 | 230-450 | 280-750 |
| Power (kw) | 6p 55 | 8p 75 | 8p 110 | 6p 132 | 8p 160 |
| Width × | 1566 | 1722 | 1960 | 2381 | 2600 |
| Length × | × | × | × | × | × |
| Height (mm) | 1965 | 1943 | 2470 | 2775 | 3320 |
| | × | × | × | × | × |
| | 1630 | 1810 | 2180 | 2500 | 3120 |



PE Jaw Crusher PERFORMANCE

Unique Flywheel Design

Running stably with effectively reduced vibration.

Large Crushing Ratio

low suspension motion mechanism leads to greater crushing ratio.

Easy To Maintain

Application of high wear-resisting toothed plate, long maintenance period, and cost-saving.

Low Failure Rate

Reliable performance, optimized design, the low failure rate.

CJ SERIES OF EURO JAW CRUSHER

PARAMETERS

| Model | PE-250×400 | PE-400×600 | PE-600×900 | PE-900×1200 |
|--|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| Feed Opening Size(mm) | 250×400 | 400×600 | 600×900 | 900×1200 |
| Max.feeding size (mm) | 210 | 340 | 500 | 750 |
| Adjusting range of discharge opening(mm) | 20-60 | 40-100 | 65-160 | 95-165 |
| Processing capacity(t/h) | 5-21 | 16-64 | 50-160 | 220-380 |
| Motor power(kw) | 6p 15 | 6p 30 | 6p 55 | 8p 110 |
| Dimensions (L×W×H) (mm) | 1300 × 1090 × 1270 | 1730 × 1730 × 1630 | 2190 × 2206 × 2300 | 3380 × 2870 × 3330 |

WOTETRACK

JAW CRUSHER STATION PERFORMANCE

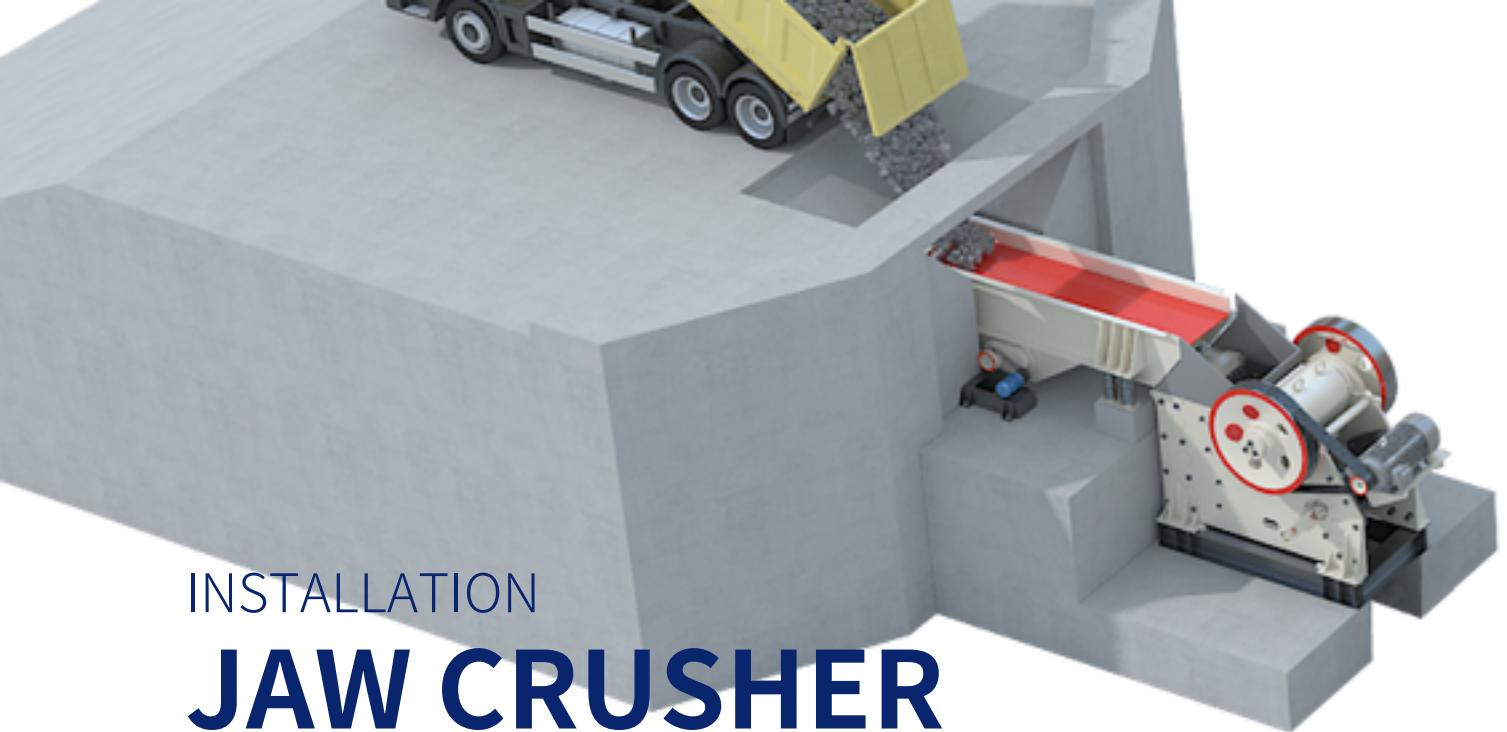


- I . Feeding guard adopts hierarchical type with two layers structure which provides prerequisites for widening.
- II . It adopts ship form steel structure and low vehicle chassis with light weight.
- III . Feeding guard is lifted by hydraulic pressure, easy to be loaded and unloaded, conveniently and reliably to be fixed.

- Adapt to harsh conditions
- The material can directly reach the granularity of the final product

WOTETRACK JAW CRUSHER STATION PARAMETERS

| Dimensions of Transmission Devices | | | | |
|------------------------------------|------------------|-----------|------------|------------|
| Crusher | Model | CJ96 | CJ106 | CJ120 |
| Dimensions of Transmission Devices | Length | 14200mm | 14900mm | 15200mm |
| Dimensions of Transmission Devices | Width | 2900mm | 3000mm | 3200mm |
| Dimensions of Transmission Devices | Height | 3470mm | 3600mm | 3700mm |
| Dimensions of Transmission Devices | Weight | 38t | 50t | 65t |
| Crusher | Inlet Dimensions | 930×580mm | 1060×700mm | 1200×870mm |
| Crusher | Max.Feeding Size | 480mm | 560mm | 700mm |

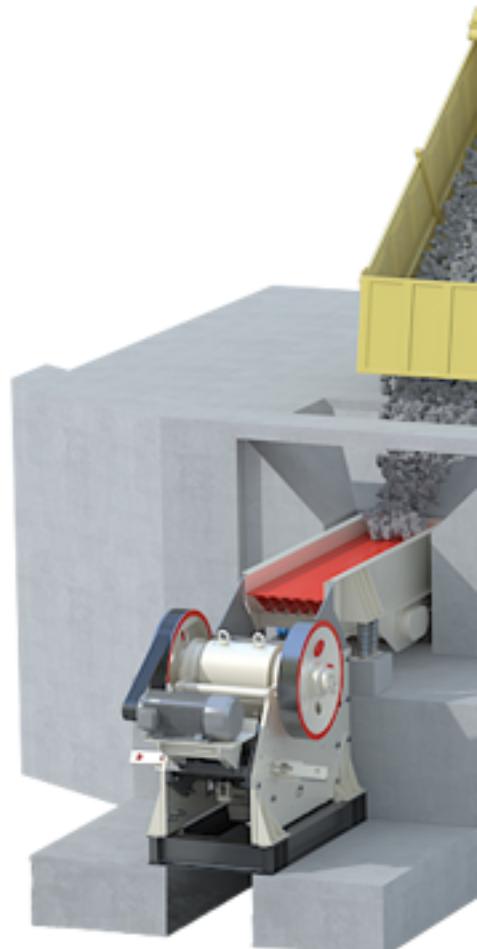


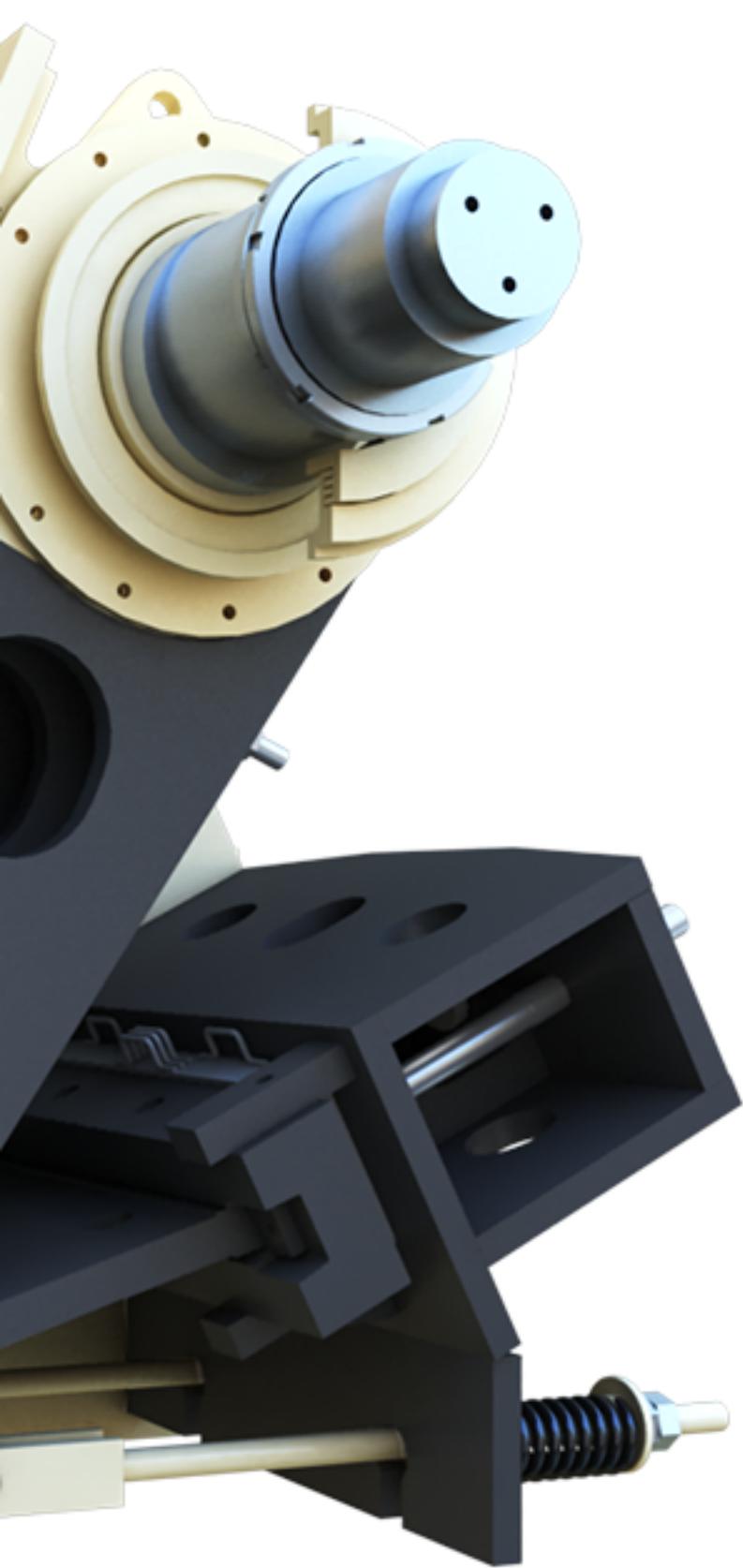
INSTALLATION

JAW CRUSHER

The equipment is provided after assembly and required to be checked as soon as you receive the product in order to avoid possible troubles during transportation.

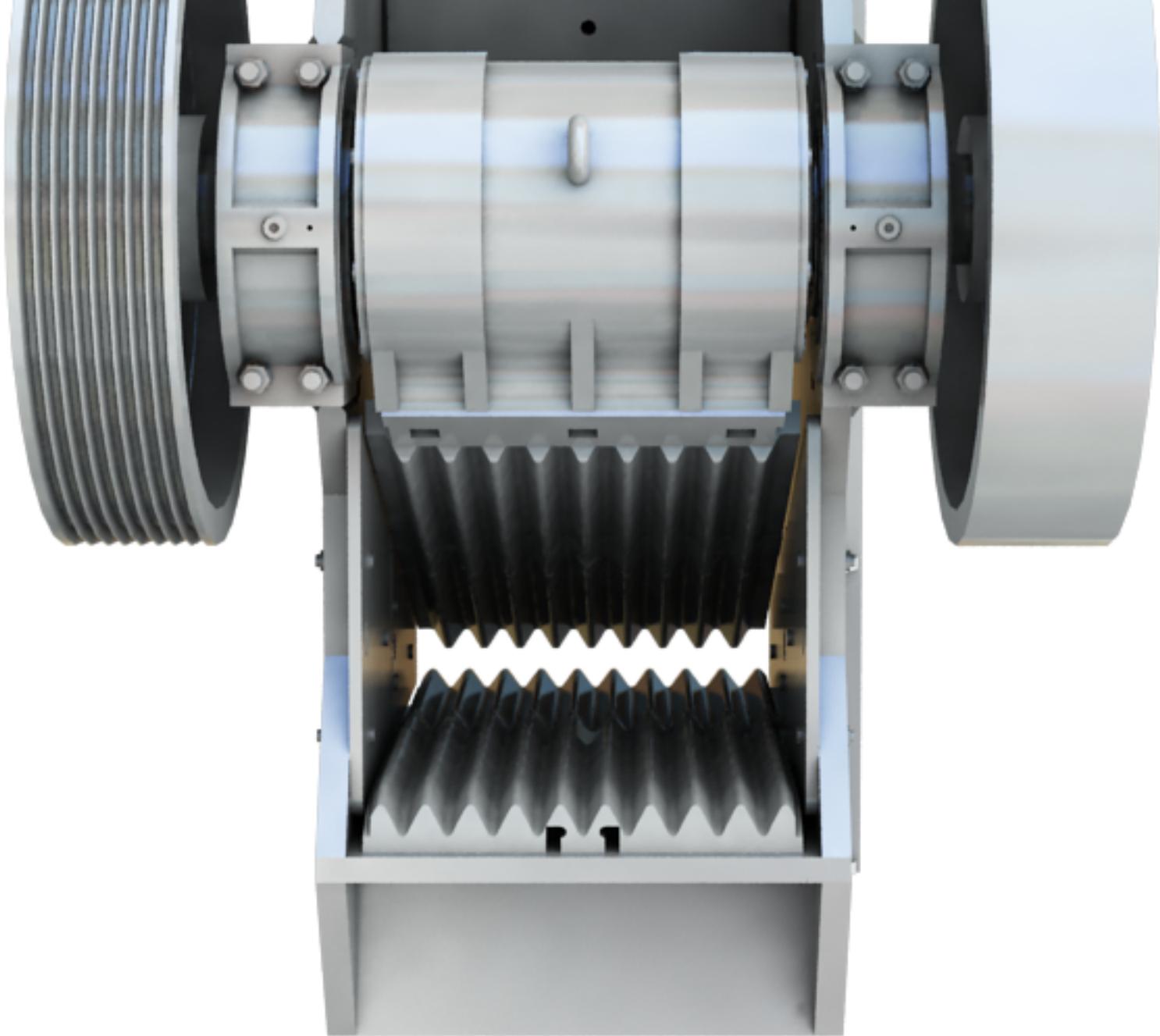
- ① It is suggested to install the equipment on concrete base to decrease vibration, noise and absorption of shock and avoid impact on building base. Fill ironwood, rubber belt or other buffer materials as cushion materials.
- ② Weight of base can be determined as 5-10 times of that of equipment and the depth of base shall be more than that of local frozen earth. Refer to the foundation drawing for locations of installing equipment and foundation bolt.
- ③ Before adjusting discharge door, release stretched spring, and then adjust spring in order to prevent drop of toggle plate.





PREPARATIONS BEFORE START

- ① Check lubrication of bearings and guarantee adequate lubricant inside bearings and on joint of toggle plate.
- ② Check carefully all tightness.
- ③ Change the abraded belt and clean the oil stain on belt and belt pulley with clean duster cloth.
- ④ Check protection device, and eliminate unsecured phenomena.
- ⑤ Clean ore or other things out of the crushing chamber.



START A CRUSHER

- ① Start under normal driving conditions.
- ② Start only under no load.
- ③ Stop and get rid of hidden trouble when an abnormal thing occurs.

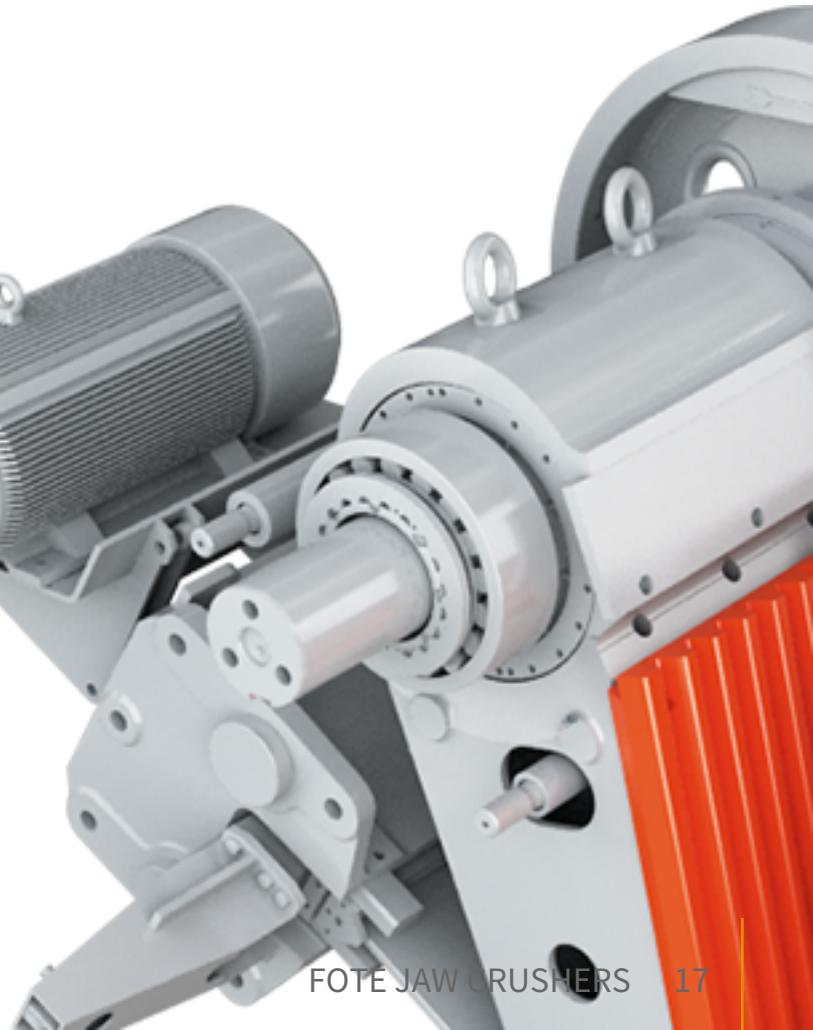


MAINTENANCE AND USAGE

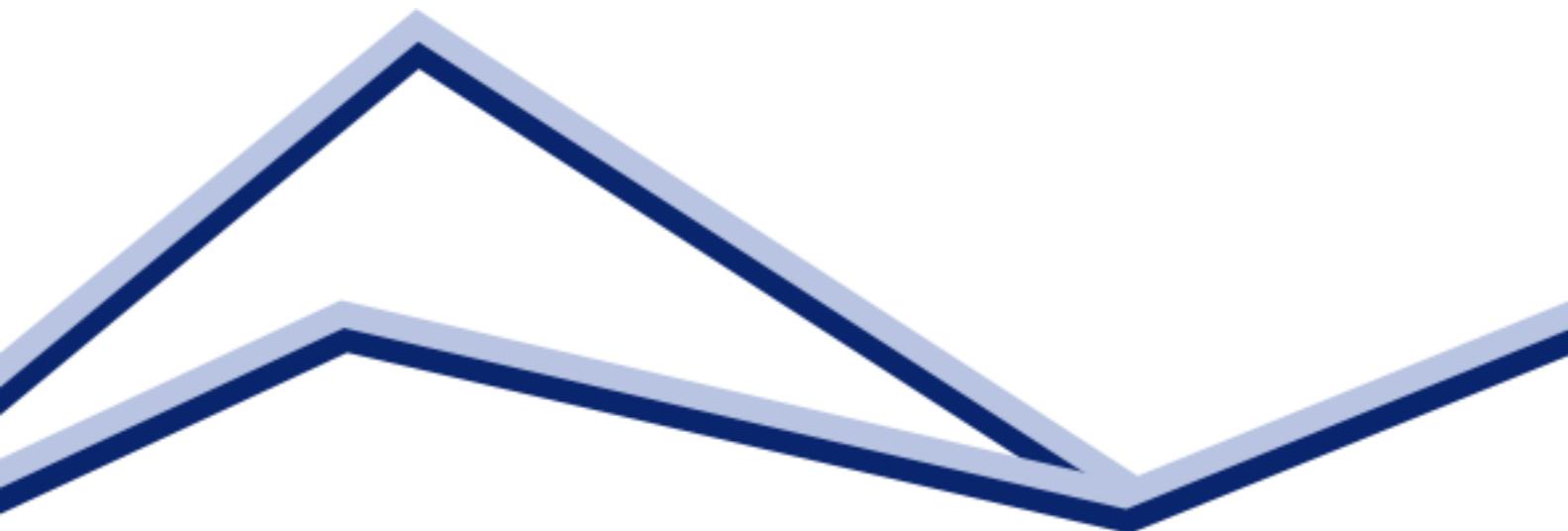
- ① Feed the equipment evenly.
- ② Prevent side load or side weight from increasinge.
- ③ Generally, temperature rising shall not exceed 35°C and maximum temperature shall not exceed 70°C, or stop the machine and get rid of the trouble.
- ④ Stop feeding before stopping equipment, and cut motor after completely discharging materials in chamber.
- ⑤ Cut motor immediately when equipment is stopped by materials blocked and restart the equipment after completely discharging materials in chamber.
- ⑥ Change the abraded end for the other end.

- ① Guarantee friction surface lubricated in order to keep normal running and prolong service life of equipment.
- ② Calcium grease, sodium grease and calcium sodium grease can be applied to the equipment in terms of application location and temperature. Bearing should be added 50g 3#lithium grease every day.
- ③ The added lubricant is 50-70% volume of bearing pedestal and shall be changed every three months. Clean track of bearing roller by clean gas or coal oil when changing lubricant.
- ④ When toggle plate contacts the plate gasket, lubricant shall be added before starting equipment.

JAW CRUSHER BEARING LUBRICATION



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**200,000 CUSTOMERS FROM
120 COUNTRIES**



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