



DING BO

# DBMY Portable Cone Crusher

Capacity: 25-586t/h  
Max. Input Size: 450mm



Craftsmanship  
Shape the reputation of trust



# Features

## **Flexible Configuration and Great Adaptability**

According to the different requirements of different crushing process, Dingbo Portable Crushing Plants can form the following two processes of "crushing first, screening second" or "screening first, crushing second". The crushing plant can be composed of two-stage plants or three-stage plants. The two-stage plants consists primary crushing plant and secondary crushing plant, while the three-stage plants includes primary crushing plant, secondary crushing plant and tertiary crushing plant, each of which is of high flexibility and can be used individually.

## **General Modular Design**

It adopts the overall modular design that allows for easy interchangeability of parts. Various modules can be quickly assembled, reducing the production cycle and meeting the needs of users for rapid delivery.

## **Solid and Compact Framework**

Portable Crushing Plant has simpler design and simplified structure. Body framework adopts straight girder steel, which increases strength and improves equipment reliability and production allows for quick access to the working mode.

## **Integrated Control System**

Portable Crushing Plant adopts integrated control with a user-friendly PLC system featuring a simple and clear touch screen interface. By only pushing buttons, automated production can be achieved. The intelligent production process allows for safe production and helps reduce failure rate of equipment.

## **Quick Entrance to Operation, Flexibility Saving More Money**

Compared with fixed production lines, this mobile crushers have a shorter engineering period and rapider transition, which not only reduces the investment risk and opportunity cost of the investors, but also avoids the demolition and construction after the end of project, making it more economical and environmental.



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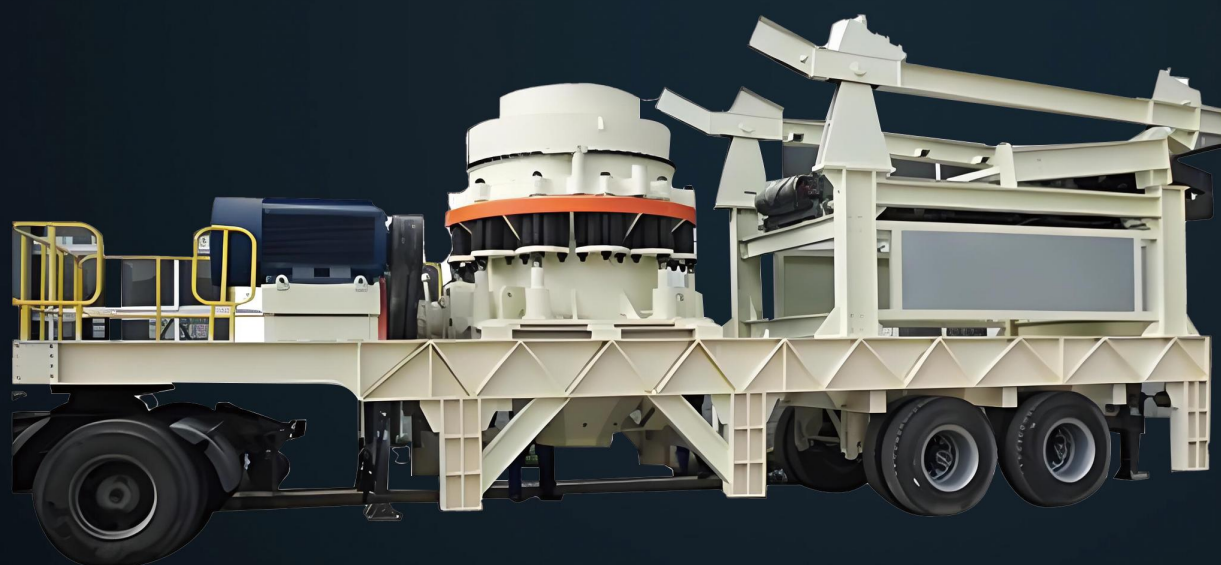
### **Application**

Popular among aggregates, highway construction, railway construction, airport building and some other industries.

### **Material**

Most kinds of rocks, metallic ores, and other minerals, such as granite, marble, basalt, iron ore, copper ore, etc.







# Technical Parameters

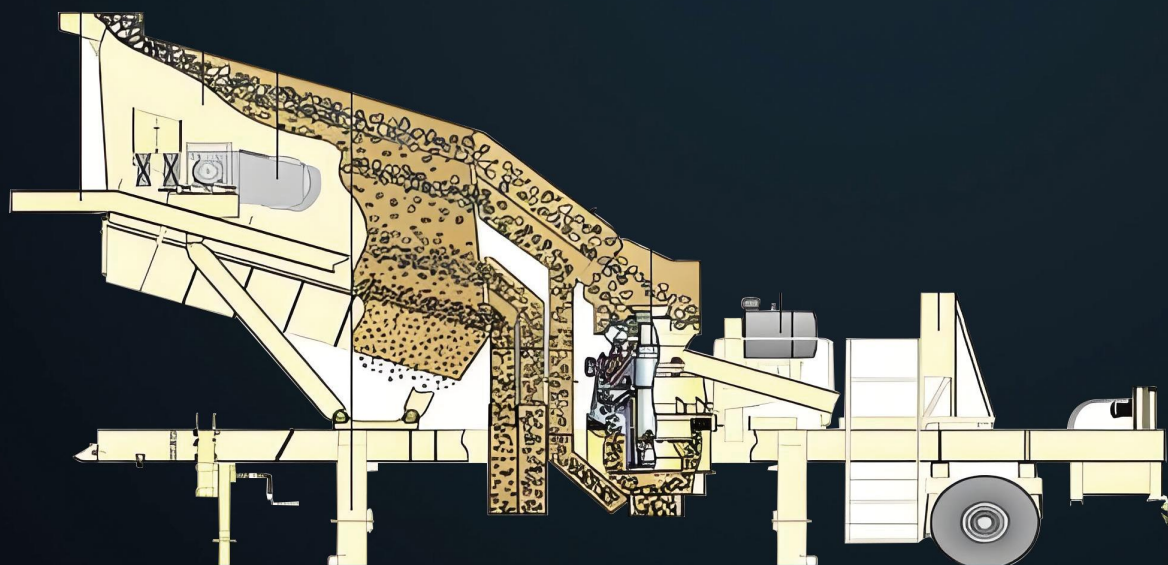
Model	Vibrating feeder	Cone crusher	Belt conveyor	Wheels	Generator	Capacity (t/h)	Power (kw)	Overall dimension(mm)	Weight (t)
3YBY1590	3YZS1548	PYB900	B500*7m	Biaxial	Optional	50-200	75	13000*2800*6400	43
3YBY1836	3YZS1548	ZYS36	B650*7m	Biaxial	Optional	70-300	99-134	13000*3000*6400	47
3YBY1851	3YZS1860	ZYS51	B650*8m	Triaxial	Optional	120-400	212.5-220.5	14000*3000*6700	53
3YBY2122	3YZS2160	HP220	B800*8m	Triaxial	Optional	140-450	257.5-264.65	14000*3200*6700	58

**Notice:** Any change of technical data shall not be advised additionally.



# WORKING PRINCIPLE

Feed the material through feeder to cone crusher in regular way. After primary crushing, the material enters closed crushing circuit through inclined vibrating screen. The crushed material is conveyed out by the belt conveyor, and to be crushed continually. Mobile cone crusher station can remove inclined vibrating screen according to practical producing environment, and crush the material directly, in order to work together with other crushing equipment in a convenient and flexible way.





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