

# YIFAN

## Mobile Jaw Crusher



Leading crushing and screening equipment manufacturer in China

Zhengzhou YiFan Machinery Co.,Ltd(the share-holder is Shande Technology (Beijing) Co., Ltd) has its headquarter in Beijing. It is a famous manufacturer of crushing and screening equipment and provides series stone crusher and crushing equipment for customers.



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ZHENGZHOU YIFAN MACHINERY CO.,LTD

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PP Series Portable Jaw Crushers is equipped with high-performance jaw crusher, vehicular feeder and high strength of vibrating screen, short length, light weight.

Its design concept is fully adapting to the all kinds of mobile crushing situation, eliminating the barriers of crushing place, environment and underlying configuration. Providing customers with simple, high efficient and low cost crushers. It is mainly used in metallurgy, the chemical industry, building materials, water and electricity.



## Features and Benefits

1. PP series high performance crusher.
2. Vehicular feeder, vibrating screen, belt conveyor.
3. Traction steering shaft, be convenient to highway transportation.
4. Vehicle installation, equipment can be installed on the scene conveniently.
5. Be equipped with motor and control box.

## Working Principle

Materials are transported to the jaw crusher through the feeder, after the primary crushing of jaw crusher, using the circular vibrating screen to realize recycling crushing. The finished materials are transported out by the belt conveyor to be crushed continuously. Portable jaw crusher can remove circular vibrating screen according to the actual production needs to realize the primary crushing directly. It has the advantage of simple and flexible operation.

## Composition

The parts of portable jaw crusher includes: frame, jaw crusher, feeder, vibrating screen, belt conveyor, motor and control box.

## Applications

1. It is widely used in mine, quarrying, rubbish, the recycling of construction waste, earth and stone works, urban infrastructure, road, building site and so on.
2. Handle topsoil and other various materials; separate viscosity coagulation aggregate ; the screening after crushing.
3. Manufactured sand for river gravel , hillstone ( limestone , granite , basalt , diabase , andesite , etc., ore tailings, aggregate chips and so on.



PP Series Portable Jaw Crushers  
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# Technical Date

Classification	Model					
New Name	PP4060PE	PP5075PE	PP6090PE	PP75106PE	PP87106PE	PP90120PE
Transport dimensions						
Length(mm)	8700	9326	10700	12500	12460	14450
Width(mm)	2490	2490	2780	2900	3120	3000
Height(mm)	3895	4125	3840	4450	4440	4800
Weight(kg)	17.4	27	35.4	60	60	82
Axle weight(kg)	8.1	16	25	40.5	41.3	52
King pin weight(kg)	50/9.3	50/11	50/10.4	90/19.5	90/18.7	90/30
Jaw Crusher						
Model	PE400X600	PE500X750	PE600X900	PE750X1060	PE870X1060	PE900X1200
Feed opening(mm)	400*600	500*750	600*900	750*1060	870*1060	900*1200
Max feed size	340	425	500	630	750	780
Setting rang(css)(mm)	40-100	50-100	65-160	80-180	170-270	95-225
Capacity	10-35	25-60	30-80	72-150	145-235	170-250
Feeder						
Model	GZT0724	GZT0724	GZT0932Y	ZSW490X110	ZSW490X110	ZSW600X1300
Feed Hopper volume(mm)	3.2	3.2	7.6	10	10	10
Hopper width(mm)	2200	2200	3150	3000	3000	3000
Main conveyor belt						
Model	B600X5.8Y	B650X5.8Y	B1000X7.0Y	B1000X7.2Y	B1000X7.2Y	B1200X8.3Y
Side conveyor belt (Optional equipment)						
Model	无	B400X2.7Y	B500X2.7Y	B500X2.7Y	B500X2.7Y	B650X3.5Y
De-iron separator (Optional equipment)						
Model	RCYD-6.5	RCYD-6.5	RCYD-10	RCYD-10	RCYD-10	RCYD-12
Axles number of carframe						
Number of axles	1	2	2	3	3	4



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