

# YIFAN

## Mobile Jaw Crushing Plant



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.



# YIFAN

ZHENGZHOU YIFAN MACHINERY CO.,LTD

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Mobile crushing plant is a kind of efficient crushing equipment, which adopts self-drive mode, possesses advanced technology and complete function. Under any terrain condition, this equipment can get to anywhere of work place, in this way, it can decrease the operation to the material, in addition, it is also convenient to comprehensively assist the coordination of mechanical equipment. By the control of wireless remote, it is easy to place the crusher to trail car and transport to the operating site.

Because it does not have to spend on assembly time, therefore the equipment can throw into work immediately when it arrives in operating site. It has greatly expanded the coarse crushing, fine grinding concept field. The design concept of mobile crushing plant is standing in customers' position to eliminate obstacles of crushing ground, environment and multifarious basic configuration. It provides customers with simple, high efficient, low cost equipments.



## Features and Benefits

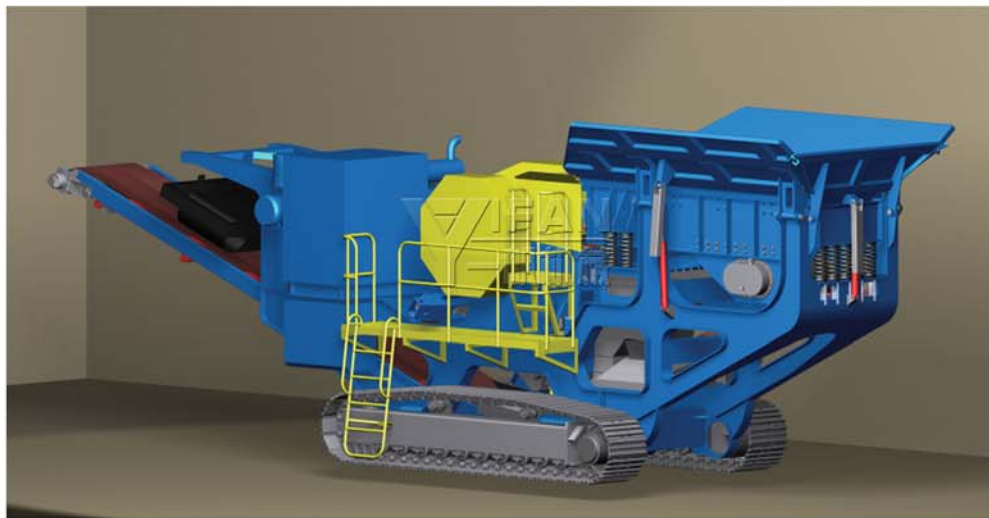
1. Light weight, Small volume, especially suitable for narrow worksite;
2. Convenient transport; track drive has no harm to the road surface; equipped with multifunction attachments; used widely;
3. Gather material receiving, crushing, transport and other processing equipment as a whole. It will possess the first-class crushing performance for rock crushing, aggregate production, strip-mining by the optimization of process flow. The union of different machine types can form a powerful assembly line of crushing work, and finish required processing work;
4. The whole machine adopts the all-wheel-drive. It can achieve pivot steering, standard configuration and perfect security protection function;
5. The moving screen equipment uses double-deck sieving machinery, which main frame equipped with excellent grid screening gallery, can stand freely without support.
6. Fuel conservation, the saving rate of fuel oil reaches up to 25%. The screening mode of Crawler-type feeding not only fits the environmental protection, but also saves the cost;
7. The optimal design: attach the power unit with machine;
8. It can carry out climbing work and meet the crushing need such as mine, hydropower, coal mine etc.;

Mobile crushing plant has the characteristic of multifunction operating;

1. It is widely used in mine, coal mine, the recycling of construction waste, earth and stone works, urban infrastructure, road and construction site etc.
2. Handle the topsoil and other various materials; separate viscous coagulating aggregate; screening after crushing;

Eco-friendly concept of mobile crushing plant:

Noise collecting system, sound-proof system, compact and flexible equipment can further meet construction waste crushing work between cities. Suitable diesel noise pollution discharge system, effective dedusting system and release system can remote control the barriers in the portable crushing and screening plant while the pre-screening system can greatly increase crushing efficiency.



欧星MP1000履带移动式破碎站采用如下世界著名品牌产品:  
**MP1000 Mobile Jaw Plant purchase from world famous brand:**



美国品牌康明斯发动机 Engine from Cummins, American brand



德国品牌力士乐液压泵 Hydraulic pump from Rexroth, Germany brand



瑞典品牌SKF轴承 (选装) Bearing from SKF, Swedish brand (Optional)

MP1000履带颚式移动破碎站可以应用于:  
**MP1000 Mobile Jaw Plant is applicable for:**

- |           |                                   |
|-----------|-----------------------------------|
| ◆ 矿物和硬岩破碎 | ◆ Minerals and hard rock crushing |
| ◆ 砂石骨料生产  | ◆ Aggregate processing            |
| ◆ 建筑废物回收  | ◆ Construction waste recycling    |
| ◆ 钢渣处理    | ◆ Slag processing                 |
| ◆ 隧道破碎    | ◆ Tunnel crushing                 |
| ◆ 水泥原料加工  | ◆ Cement                          |



## Technical Date

### 颚式破碎机 *Jaw crusher JC342*

最大进料粒度 Max feed size	500mm
排矿口调整范围 Gap width	60-175mm
处理量 Crushing capacity	最大 up to 300t/h

### 动力装置 *Driving unit*

发动机 Engine	Cummins Tier3
功率 Performance	164kw (220hp)

### 给料斗 *Feed hopper*

料斗容积 Hopper volume	约 approximately 6m <sup>3</sup>
料斗宽度 Hopper width	2760mm
料斗高度 Hopper height	4160mm

### 棒条给料机 *Grizzly feeder with pre-screening*

驱动方式 Drive	液压 hydraulic
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### 主皮带机 *Main conveyor belt*

皮带宽度 Belt width	1000mm
卸料高度 Discharge height	2900mm
驱动方式 Drive	液压 hydraulic

### 侧皮带机 *Side conveyor belt*

皮带宽度 Belt width	650mm
卸料高度 Discharge height	2140mm
驱动方式 Drive	液压 hydraulic
运输时皮带机头部可以折叠 For transportation the head-piece can be folded.	

### 履带行走装置 *Crawler unit*

移动速度 Travelling speed	1 kmph
爬坡能力 Climbing ability	最大 max20°
驱动方式 Drive	液压 hydraulic

### 永磁自卸式除铁器 *Permanent magnetic separator*

皮带宽度 Belt width	800mm
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### 外形尺寸和重量 *Dimensions and weight*

工作状态外形尺寸 Working dimensions	
- 长度 Length	12600mm
- 宽度 Width	4060mm
- 高度 Height	4160mm
运输状态外形尺寸 Transport dimensions	
- 长度 Length	12600mm
- 宽度 Width	2760mm
- 高度 Height	3460mm
重量 Weight	约approximately 39t

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