

# Jaw Crusher Mobile Crushing Plant

## **Introduction of YGE series Jaw Crusher Mobile Crushing Station:**

YGE series mobile crushing station is a newly designed rock crushing equipment of our company. It largely expands the coarse crushing area. Its aim of designing concept is eliminating working area and providing with customers high efficiency, low cost operating hardware facilities.

## **Superior performance of YGE series Jaw Crusher Mobile Crushing Station:**

- High-performance crusher of PE series.
- Vibrating feeder and vibrating screen combined with the crusher.
- Belt conveyor under screen, the crusher and the vibrating screen installed all-in-one truck.
- The turning traction axis is convenient to road transport and go deeper of the working site.
- Supporting device installed on the truck is convenient for the truck coming to the working site.
- Vehicle-mounted motor and the control panel is integrated.

## **Usage and Advantages of the coarse mobile crushing station**

Integrated packaged unit:

Installing form of the integrated equipments eliminates the infrastructure installation work of the dividable parts on the complex working site. Reasonable and compact spatial distribution improves the flexibility of the working site.

Flexibility:

Bottom head of the truck-mounted coarse mobile crushing station is high. Width of the truck is smaller than the operating semi trailer. The turning radius is small and it is easy for road driving and more convenient for driving in the hash hilly environment. It saves much time from start working. It is more convenient for the vehicle to enter the exact processing area. It provides for the whole crushing flow with more flexible space and reasonable layout.

Transporting cost is reduced:

Coarse mobile crushing station can crush the material on the front line. It avoids the redundant procedure of transporting materials away from the site and then crushing. This will largely reduce the transporting cost. Also the lengthened unit can directly send the materials being crushed to the truck hopper and then leaves the working site.

Immediacy and efficiency:

Integrated mobile crushing station can work separately, also more flexible technical plan can be provided to satisfy customers' various requirements on mobile crushing and mobile screening according to the material type and products request. The working process and transportation of final material will be more effective and cost can be reduced at most.

Strong adaptation and flexible design:

For coarse, fine crushing and screening system, YG938E69 coarse mobile crushing station can work

separately also can flexibly make up of configuration unit for teamwork. Side discharging hopper produces various transportation methods of final products. Diesel generator in the station can provide power for the station itself and other flowing system.

Stable performance and easy maintenance:

PE series Jaw crusher in the coarse crushing station has the features of high crushing efficiency, versatility, and good final products, lightweight and reasonable structure, excellent crushing performance. Its reliable quality guarantee sets up nice credibility for customers home and abroad.

The technique is mature and it is easy for operating. It has good adaptability and safe reliability on transport quantity, size of materials, and abrasion. Integrated equipments unit is easy for maintenance so that it has high durability and working efficiency.

#### **Instruction on Installation of Mobile crushing station:**

Choose the working site of the mobile crushing station first and then do site preparation work. Drive the mobile crushing station to the proper place. Stretch the lifting legs to support the crushing station, and dig a hole under each leg. Size of hole depends on local soil condition, the softer the earth is, and the deeper the hole should be. Fasten the movable legs on the fixed legs with joint bolts and water concrete foundation to the holes. Adjust the concrete surface after the concrete is congealed, to make the station more stable. At last retract the lifting legs. Put some accessory supporting stuff, such as sleeper under the vehicle to make it completely stable.

#### **Technical Data:**

Model	YG830E46	YG938E57	YG938E69	YG114E710	YG134E912
Technical data					
Transportation Length (mm) (If there is an diesel generator)	8600 10000	9800 11600	11000 12000	13000 14000	14000 15500
Transportation Width (mm)	2450	2450	2450	2450	3000
Transportation Height (mm)	3800	3500	3600	4500	4800
Maximum Length (mm)	12000	13300	13200	15000	17000
Maximum Width (mm)	2800	2900	2900	2900	3100
Maximum Height (mm)	3800	4100	4600	5800	5800
Weight (T)	26	32	41	55	81
Tire Configuration	Uniaxial	Dualaxial	Triaxial	Triaxial	Quadrxial
Jaw crusher	PE400×600	PE500×750	PE600×900	PE750×1060	PE900×1200
The maximum Feeding size (mm)	350	425	480	630	750
Discharge opening size(mm)	40-100	50-100	65-160	80-140	95-165
Capacity (T/h)	15-60	50-100	60-130	100-250	160-380
Vibrating Feeder	GZD850×3000	GZD960×3800	GZD960×3800	GZD1100×4200	GZD1300×4900
Belt conveyor	B650×7M	B650×7.5M	B800×8M	B1000×9M	B1200×11M

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