

Cone Crusher Mobile Crushing Plant

YSY series fine crushing cone crusher mobile crushing station is another kind of mobile crushing unit, mainly to satisfy different requirement of final products. Cone crusher replaces impact crusher to produce much harder and fine stone or sand products. According to actual needs, cone crusher can be adjusted to different crushing chamber. It expands the using area of YSY series medium-coarse crushing cone crusher mobile crushing station.

YSY series fine crushing cone crusher mobile crushing station mainly consists of high efficiency cone crusher, high-performance vibrating screen, belt conveyor, and motor and control panel and so on. The whole unit is installed integrated, operating coordinately. It fully reflects the advantages of convenience and flexibility.

Operating principle of cone crusher mobile crushing station:

The materials directly enter the cone crusher and will be crushed into the demanded sizes and then sieved into different spec products by the vibrating screen. The final products will be sent to haystack by belt conveyors. The cone crusher is the latest high-efficiency cone crusher, whose output products have the good shape. The efficiency is greatly raised. The mobile cone crusher is full functional and can be matched with YGE series and YSF series mobile stone crushing station or other crushing equipment using for stone -shaping.

Performance characteristics:

YSY series stone crushing station is designed by different crushing principle and crushing effects of cone crusher and impact crusher.

There is large difference between input requirement and the output size. At the side of easy operating, it has the common advantage of YGE series mobile crushing station and YSF series mobile crushing station.

1. The integrating installation of the equipments makes strong coordination. Reasonable and compact spatial distribution saves much time for site construction. It improves the flexibility and avoids lots of infrastructure construction. In this method, invest cost is saved largely.
2. 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.
3. Cone crusher acts the function of fine crusher; also it can produce fine grained final products of stones and sands. It will save the cost of materials transporting. At the same time, the lengthened unit can directly send the crushed 120products to the bin of the truck and the transporting cost is reduced.
4. Cone crusher adopts static pressure principle. The shake will be softer after the second time obstruct. It is easy for installing.
5. The crushing efficiency will be high of bed of materials of cone crusher. It works stable and can save much time to a large extent.
6. The single unit can work separately; also it can be equipped with other unit flexibly to work together. The sideways hopper produces flexible equipments combination for transporting the materials. The

diesel motor in the line of integration unit can provide electricity not only to the line itself but also to the equipments combination of the whole system.

7. The technical is mature. It is easy for maintenance. A clear division of labor of the equipments is convenient for maintenance.

Technical data of cone crusher mobile crushing station

Model	Y3S154Y55	Y3S184Y75	Y3S186Y160	Y3S216Y220
Technical data				
Transportation Length (mm)	12000	12000	13500	13500
Transportation Width (mm)	2550	2800	2800	3000
Transportation Height (mm)	3900	3900	4200	4200
Maximum Length (mm)	13700	13700	15200	15200
Maximum Width (mm)	2800	3150	3150	3500
Maximum Height (mm)	5700	5700	6400	6400
Weight (T)	34	39	54	53
Tire Configuration	Dualaxial	Dualaxial	Triaxial	Triaxial
Cone crusher	PYB900	CS75	CS160	HPC-220
The maximum Feeding size (mm)	115	102	C-150 F-76	C-225 F-86
Discharge opening size (mm)	15-50	9-38	C13 F6>	C13 F6
Capacity (T/h)	50-90	45-165	C120-240、F55-180	C150-430、F90-260
Belt conveyor	B650X7M	B650X7M	B800X8M	B1000X8M
Vibrating Screen	3YZS1548	3YZS1848	3YZS1860	3YZS2160

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