



Mobile Crushing and Screening

Brief Introduction:

Mobile Crushing and Screening is a new designed rock crushing & screening plant, which is flexible, convenient and strong in mobility, so it can save a large construction capital and relocation. Raw Materials can be broken at the local place without being transported again, and also can be moved with the further exploitation of the raw material, which saves a large number of transportation cost. Liming corporation specializes in producing crusher, screen, transportation, other rock breaking, and mineral processing equipment. On the basis of professional technology, we optimize and introduce two large and three small series of crushing and screening equipment. Each large series is divided into three series: rough, medium and fine crushing and screening mobile plant. Therefore, it can fully adapt to the various mobile crushing and screening spots, and creates more new business opportunities for customers while reducing cost of production.



Highlights:

(1) Equipments Integration: Complete set of equipment, rational and compact combination, maximally saving the working area.



(2) High maneuverability: Small turning radius makes it convenient for driving on the ordinary road, and also easily for moving in and out of the mining area. Besides, it can be transferred to another working area anytime as needed, thus, eliminating the drawbacks compared with fixed crushing plant on dismounting, transporting and installation.

(3) Saving transportation cost of raw material: The mobile crushing plant can enter the mining area to work directly so that save the cost of the raw material being transported away from the mining area.

(4) Flexible configuration: According to different requirements of customers, we are providing a targeted mobile crushing plant configuration. It can operate with one single crushing station, and also can work with multiple crushing plants. That is can either crushing with one single plant and also composes multiply-stage crushing, screening and other plants work jointly.

(5) Independent power generation system: The mobile crushing plant can equip a generator accordingly so that can work normally in the non-power supply's remote border district.

(6) Reliable quality and stable performance: With more than 20 years' crushing equipments manufacture experience, facile, nimble, reasonable mobile frame, strict debugging before leaving the factory, ensuring every mobile crushing plant operate stably with reliable performance.



Working Principle:

The mobile crushing and screening plants is composed of primary crushing and screening station and secondary one, belt conveyor, etc. Every crushing



station is an independent working unit, they can respectively assume their different responsibility, and the belt conveyer is responsible for material transmitting and piling up between each crushing station.

Technical Data:

TABLE 1

Cone Crusher	CS75	CS160	HP220
Vibrating Feeder	GLD1500/4	GLD1500/5	GLD1500/5
Up Hopper Volume (M ³)	4	5	5
Feeding Height (mm)	2700	2900	2900
Main Belt Width (mm)	800	1000	1000
Main Belt Discharge Height (mm)	2700	2800	2800
Power (KW)	150KW	300KW	400KW
Transportation Length (mm)	12000	12500	12500
Transportation Width (mm)	3050	3050	3050
Transportation Height (mm)	3700	3900	3900
Transportation Weight (T)	38	45	50

TABLE 2

Vibrating Screen	2ZS1848	3YZS1860	3YZS2160
Closed hopper volume (M ³)	5	6	8
Closed hopper Height (mm)	4300	5000	5000
Feeding Belt	B800X7.2	B1000X8.5	B1000X8.5
Screen Under Belt	B800X7	B1000X8	B1000X8
Screen Under Belt Discharge Height (mm)	3500	3500	3500
Side Belt	B500X5	B650X5	B650X5
Side Belt Discharge Height (mm)	3500	3500	3500
Front Belt	B650X7	B800X8	B800X8
Front Belt Discharge Height (mm)	2800	3000	3000
Power (KW)	120	150	180
Transportation Length (mm)	12000	13500	1400
Transportation Width (mm)	3050	3200	3400
Transportation Height (mm)	3500	4100	4100
Transportation Weight (T)	30	36	42



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