



CRAWLER TYPE MOBILE CRUSHING PLANT

TOP 1 BRAND OF CHINA'S CRUSHING
AND GRINDING INDUSTRY





PRODUCT PRESENTATION

Crawler Type mobile crushing plant is the full hydraulic pressure driving and tracked vehicle chassis walking mobile crushing screening equipment researched and developed independently by LIMING heavy industry to meet the market demand, which include coarse crawler type mobile crushing plant, fine crawler type mobile crushing plant and crawler type mobile screening plant etc. With high performance, stability and reliability and elegant in design, it reaches the advanced level of international similar products. According to the different crushing process requirements, they can “crushing then grinding” or “grinding then crushing”. They can be combined into coarse crushing, fine grinding two screening system according to the actual demand. Also, they can be combined into coarse, medium and fine three crushing and screening system. We can meet the different customers' requirements maximally with high flexibility.

PRODUCT PRESENTATION

Four Innovative Technologies Highlight the Value of Liming Brand

1. Ship-shaped steel structure with high intensity, great fitness to different landform like mountain, marsh, etc.
2. High-torque moving motor. It is of strong driving force and perfect performance.
3. Servo-system, it is of easy operation and precise control, and can realize continuously variable transmission.
4. Both electricity and diesel oil power device with intelligent dual power switch.

Purpose and Application Scope:

Mainly it is used in the business of materials processing with high moving frequency like mining, metallurgy, chemical industry, building materials, water and electricity, highway, railway and earth-rock engineering, especially suitable for construction waste recycling, open-pit coal mine mining, urban infrastructure construction, etc.





Product Structure

There are nine functional modules in crawler-type mobile crusher: crawler moving module, power module, feeding module, crushing module, hydraulic module, electrical control module, belt conveyor module, screening module, and maintenance platform module.

Product Structure

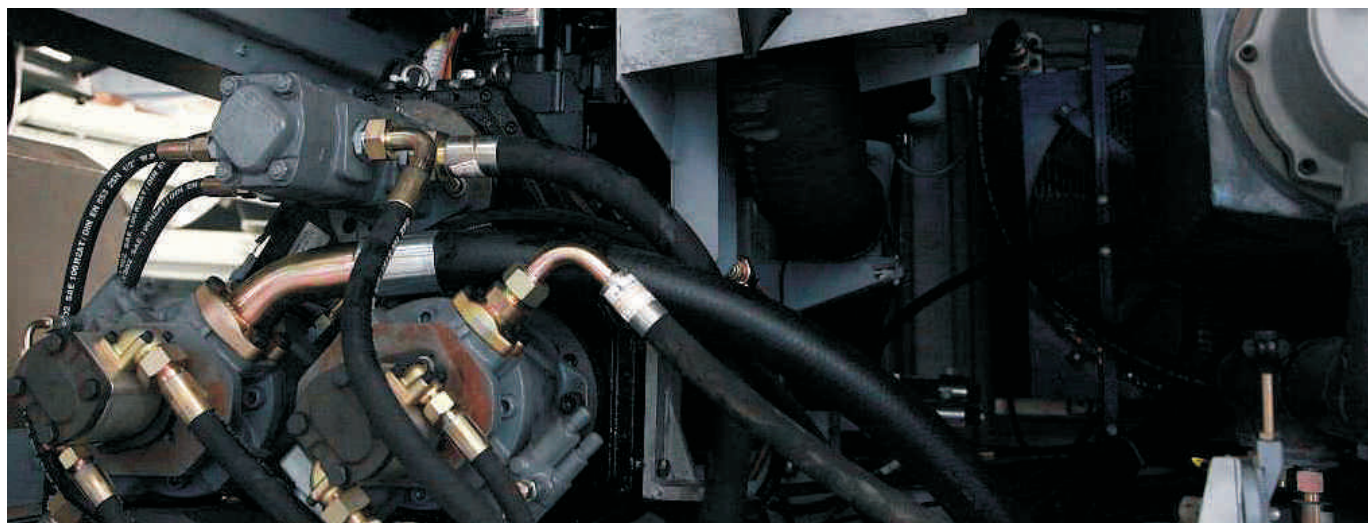
1.Crawler moving module

Walking component driven by large displacement hydraulic motor, adopts planet-gear speed reducer with low speed and large torque, which could meet the climbing requirements in rugged working environment.



2.Power module

Adopted large displacement diesel motor with intercooling, fully electric controlling and turbocharging, the whole mobile plant would be power strong, environment protecting and energy saving. Equipped with hydraulic controlled clutch imported with original packaging from US, the crawler mobile crusher intelligently controls the start and stop of the crushing units with the large torque clutch, enhances the safety and reliability of power transmission.



3.Feeding module

The feeding belt is driven by hydraulic motor directly, which could reach speed promise in feeding, and meet different feeding ways. There are two modules of working and transporting for feeding belt, the position of which is adjusted by hydro cylinder easily.



4.Crushing module

Mature efficient crushing equipment, produced by our own company, ensuring the good quality equipment.



5.Hydraulic module

Hydraulic components of the whole vehicle adopt the worldwide high-end configuration, superior quality, reliable operation; all hydraulic drive actions can be stepless; hydraulic system sets up multiple protection devices to ensure the safe use of the various components.



6. Electrical control module

The whole vehicle adopts 24V light-current system, more flexible, secure; three modes are adopted in controlling system: walking, installation and operating, easily troubleshooting; the complete appliance sets multiple overload safety protection.



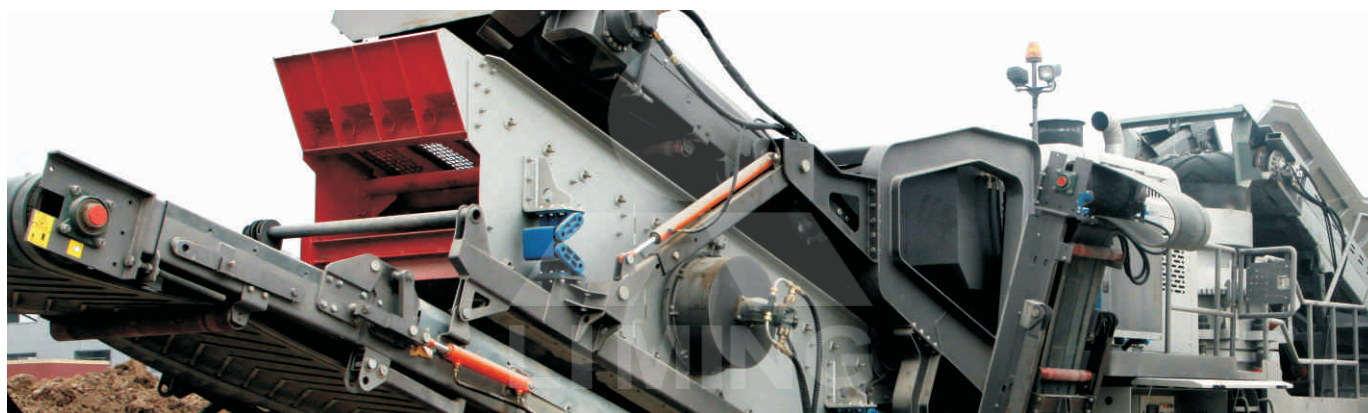
7. The belt conveyor module

The belt conveyor on the mobile crusher owns the side-block roller, the hanging plate, the protecting shield, the leak-proof device, which constitutes a perfect transportation system. Adopted the hydraulic folding technology and the hydraulic motor driving system, the belt conveyor can achieve the stepless speed regulation and can easily achieve the transition between operation and the transformation.



8.Screening module

With the special-designed appearance, low noise, and convenient installation, the vibrating screen can provide a sufficient screening of the materials depends on the strong exciting force come from the rubber spring. The mesh can be special made according to the request of the customers which is easily to be disassembled and repaired. Meanwhile, with the hydraulic lifting and descending system, the vibrating screen is very convenient to maintain.



9.Maintenance platform module

The humanized designed maintenance platform, the guardrail, and the anti-skidding footboard make it easily for the customers to maintain the whole mobile plant. The beautiful covering parts and the collapsible stairs can totally meet the different needs not during the operation or the transportation.



PERFORMANCE ADVANTAGES

1.The modular design

Adopted the highly integrated modular design idea, the whole mobile crushing plant is of the compact structure and the reasonable spatial arrangement. Based on the smooth corporation among the modules, the more professional nine modules can totally achieve different functions such as continuous feeding, high-efficiency crushing, sufficient screening and classified transportation.

2.Mobility and flexibility

Machine designs are in full accordance with international road transport standard, maximum extent possible to meet the demand of monolithic transportation for customers without splitting, and thus to save transportation costs. Special materials crawler, flexible traveling over rough terrain, harsh, can quickly entered the site to save time, help to adapt to the harsh working environment, reasonable arrangements for crushing and screening processes to provide a more flexible space, to achieve the best layout.

3.High reliability

The machine adopts the globalization of high-quality high-end configuration, all configurations are quality assurance and control system, reliable operation; operation control system are user-friendly, simple to manipulate, easy maintenance.

4.Intelligent control

This machine is equipped with a variety of sensitive high-precision sensors, able to collect the equipment running various operating data, constantly monitoring the operational status of the device, and automatically handle a variety of situations arising in the work to effectively protect the machine work normally run .

5.The maximum benefit

The equipment can crush and classify materials on the first line. Specially designed feed back loop broken bodies, capable of crushing material after the initial screening continuously for secondary crushing, significantly reduce intermediate links, greatly reducing the cost of shipping materials. Meanwhile, the device can also be based on customer requirements for finished material, output three kinds of finished material in one time, to meet customer's mobile crushing and screening and other requirements. In this way, material processing will be more efficient, and costs will be minimized.

TECHNICAL PARAMETERS

Series	Standard model	Feeding equipment	Crushing equipment	Transportation Dimension(mm)	Weight (ton)
		Model	Model	Disassembly L×W×H	
Crawler type mobile jaw/impact crusher	YG935E69L	GZD960×3600	Pe600×900	12450X2800X3800	40
	YG1139EW760L	GZD1100×3900	PEW760	13460X3000X3800	50
	YG1345HJ110L	GZD1300×4500	HJ110	14212X3000X3800	50
	YG1345EW860L	GZD1300×4500	PEW860	14827X3000X3800	63
	YG1139FW1214IIL	GZD1100×3900	PFW1214II	13913X3000X3750	50
	YG1345FW1315IIL	GZD1300×4500	PFW1315II	14340X3000X3800	63
Series	Standard model	Feeding equipment	Crushing equipment	Transportation Dimension(mm)	Weight (ton)
		Model	Model	Disassembly L×W×H	
Crawler type cone crusher plant	YHST16L	GLD-10*4.5	HST160H1	12000x2800x3493	35
	YHST25L	GLD-12*4.8	HST250	14766x3000x3700	50
	YHPC22L	GLD-12*4.8	HPT300	14800x3000x3700	50
Series	Standard model	Feeding equipment	Crushing equipment	Transportation Dimension(mm)	Weight (ton)
		Model	Model	Disassembly L×W×H	
Crawler type mobile jaw/impact crusher	Y2S1860AL	GLD-14/5.25	2YZS1860	17800X3200X3700	36.5
	Y3S1860BL	GLD-12/3	3YZS1860	17000X3300X3600	38
	Y3S1848BL	GLD-12/3.8	3YZS1848	17000X3300X3600	36
	Y2S1848BL	GLD-12/3.8	2YZS1848	17000X3300X3500	34

Note:

1. Production in the table refers to grinding calcite, and the passing rate of finished product is 80%.
2. Any change of technical data shall not be advised additionally.

In order to enhance your experience of our equipment during the operation, we strongly recommend spare parts originally manufactured by LIMING Heavy Industry. These high quality spare parts are manufactured using advanced metallurgy techniques, precise machining, and perfect compatibility, ensuring the lowest malfunction operation and creating higher value for our customer.

Crushing Plant



Sine Liner



Spring



Toggle Plate



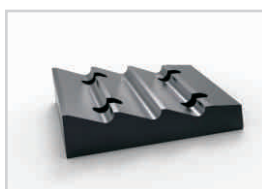
Guard Liner Plate



Impact Block



Wearproof Plate



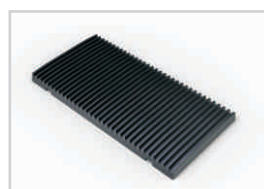
Impact Plate



Tension Rod



Feed Eye Ring



Movable Jaw Plate

Grinding Plant



Ring



Roller



Shovel Base



Shovel



Gland Arove Roller Sleeve



Roller Sleeve



Roller Shaft



Classifier Impeller



Lining Plate



Air Way Guard Plate

PRODUCT LIST

Production Line

Stone Crushing Line

Sand Making Line

Industrial Grinding Line

Grinding Plant

LM Vertical Mill

MTW European Trapezium Mill

LUM Vertical Roller Mill

TGM Trapezium Mill

T130X Superfine Grinding Mill

YGM Series Suspension Mill

HGM Series Micro Powder Mill

Coarse Powder Mill

Raymond Mill

Crushing Plant

HJ Series Jaw Crusher

European Type Jaw Crusher

European Type Impact Crusher

Impact Crusher

Jaw Crusher

HPT Hydraulic Cone Crusher

HST Hydraulic Cone Crusher

CS Series Cone Crusher

Spring Cone Crusher

Sand Making& Screening Plant

VSI5X Vertical Shaft Impact Crusher

VSI Vertical Shaft Impact Crusher

PCL Vertical Shaft Impact Crusher

YKN series vibrating screen

Vibrating Screen

Sand Washing Machine

Belt Conveyer

Vibrating Feeder

Mobile Crushing Plant

Crawler Mobile Crushing Plant

Mobile Primary Jaw Crusher

Mobile Impact Crusher

Secondary Cone Crusher

Multi-Combination Mobile Crusher

Mobile VSI Crusher

Mobile Vibrating Screen

QUALIFICATION

GOST Certificate



Grinding Plant



Crushing Plant



Mobile Crushing Plant

CE Certificate



Grinding Plant



Crushing Plant



Sand Making Plant



ISO9001:2008
Quality Management
System Certification



Environmental management
system certificate



Service – With me, enjoy your pleasant journey.

Liming has the most experienced team of engineers with professional knowledge and spirit of dedication. To serve the clients more conveniently, they scattered all over the world to work all year round. From the site planning to the drawing design, from the technical training to the installation and debugging, from the whole working line that values millions to the small pinion that looks insignificant, they fully understand the influence factors of actual situation on customer business, and create successful solution to improve the production efficiency and the environmental quality for customer operating agency.

WORKSHOP



ENTERPRISE PROFILE



Henan Liming Heavy Industry Science & Technology Co., Ltd. , established in 1987, is the leading enterprise of mining machinery in China.

Liming Heavy Industry is chronically committed to the research and develop of manufacturing of large infrastructure projects, such as construction, energy, transportation, etc. and provides various technical solutions and auxiliary products. "Made in Liming" is highly praised by our cooperative partners from more than 130 countries and regions overseas, such as Russia, Kazakhstan, Azerbaijan, Turkey, Kuwait, South Africa, Egypt, Vietnam, Malaysia, India, Australia, Korea, Canada and the European Union,etc. Liming is deserved to be one of the most excellent enterprises with the most industry customers and the most widely sales level service network.

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