



黎明重科



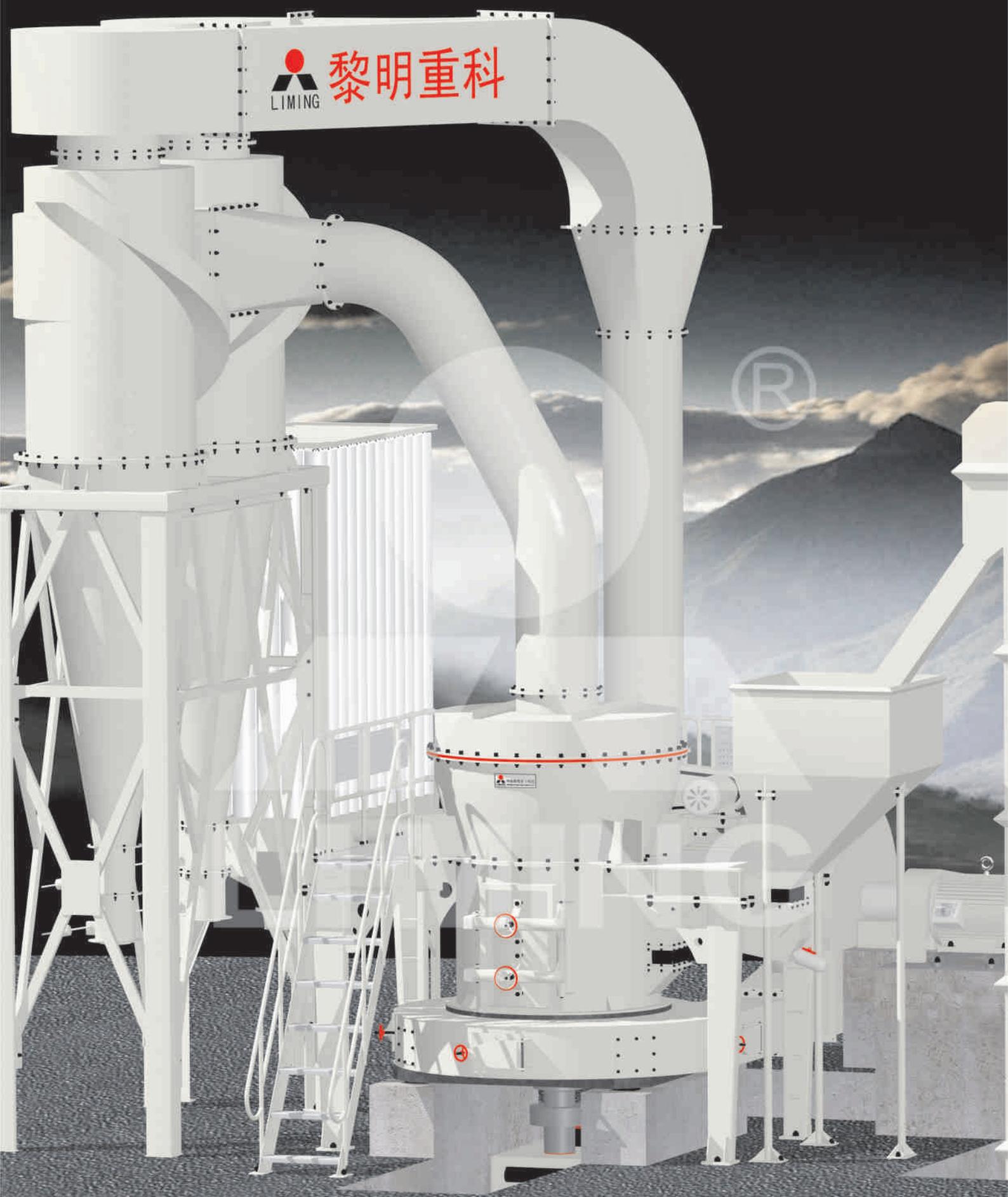
# T130X SUPERFINE GRINDING MILL

TOP 1 BRAND OF CHINA'S CRUSHING  
AND GRINDING INDUSTRY





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## PRODUCT PRESENTATION

T130X superfine grinding mill with innovative design is a new-type grinding machine evolving from the original patented product - TGM Super Pressure Trapezium Mill. Based on market research, feedbacks and suggestions of customers both at home and abroad, it's optimized by our professional engineers and technicians. T130X superfine grinding mill has been proved by our thousands of customers to be outstanding and stable grinding mill.



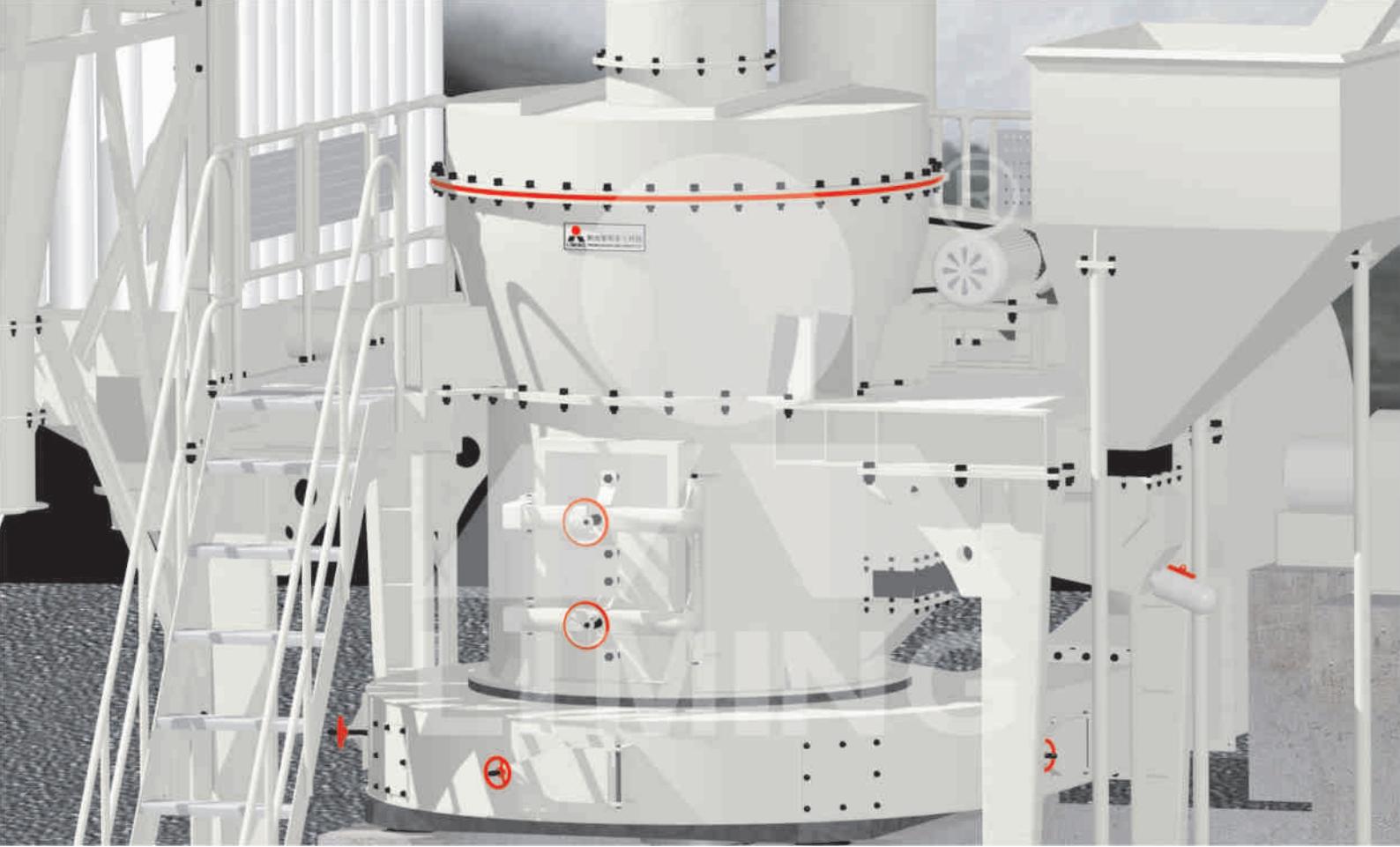
## PRODUCT PRESENTATION

### Four Structural Advantages Highlight the Value of Liming Brand

1. The main frame and the base are completely soft-linked without any rigid-contacted.
2. The main frame and reducer are connected by pin coupling with elastic sleeve, which improves the reliability of the whole equipment.
3. Bypass powder collector are adopted to reduce the pressure loss and increase the powder collecting efficiency.
4. The discharges of the collector and dust remover are in the same line which is convenient for powder collecting and packing and reduces the amount of work.

### Purpose and Application Scope:

T130X superfine grinding mill is mainly used in processing powder of mineral materials of metallurgy, building materials, chemical industry, mining, etc. It can grind non-flammable and non-explosive materials with moisture less than 6% such as feldspar, calcite, talc, barite, fluorite, rare earth, marble, ceramics, bauxite, manganese ore, iron ore, copper ore, phosphate rock, iron oxide red, slag, granulating slag, activated carbon, dolomite, granite, iron oxide yellow, fly ash, bituminous coal, coke, lignite, gold ore, red mud, clay, Kaolin, coal gangue, porcelain clay, kyanite, bentonite, medical stone, rhyolite, diabase, shale, purple rock, basalt, gypsum, graphite, etc.



## Product Structure

The complete set of T130X grinding mill consists of mainframe, reducer, classifier, maintenance platform, blower, collector, electric controller, etc. Auxiliary equipment is composed of jaw crusher, bucket elevator, electromagnetic vibration feeder and hopper, etc.

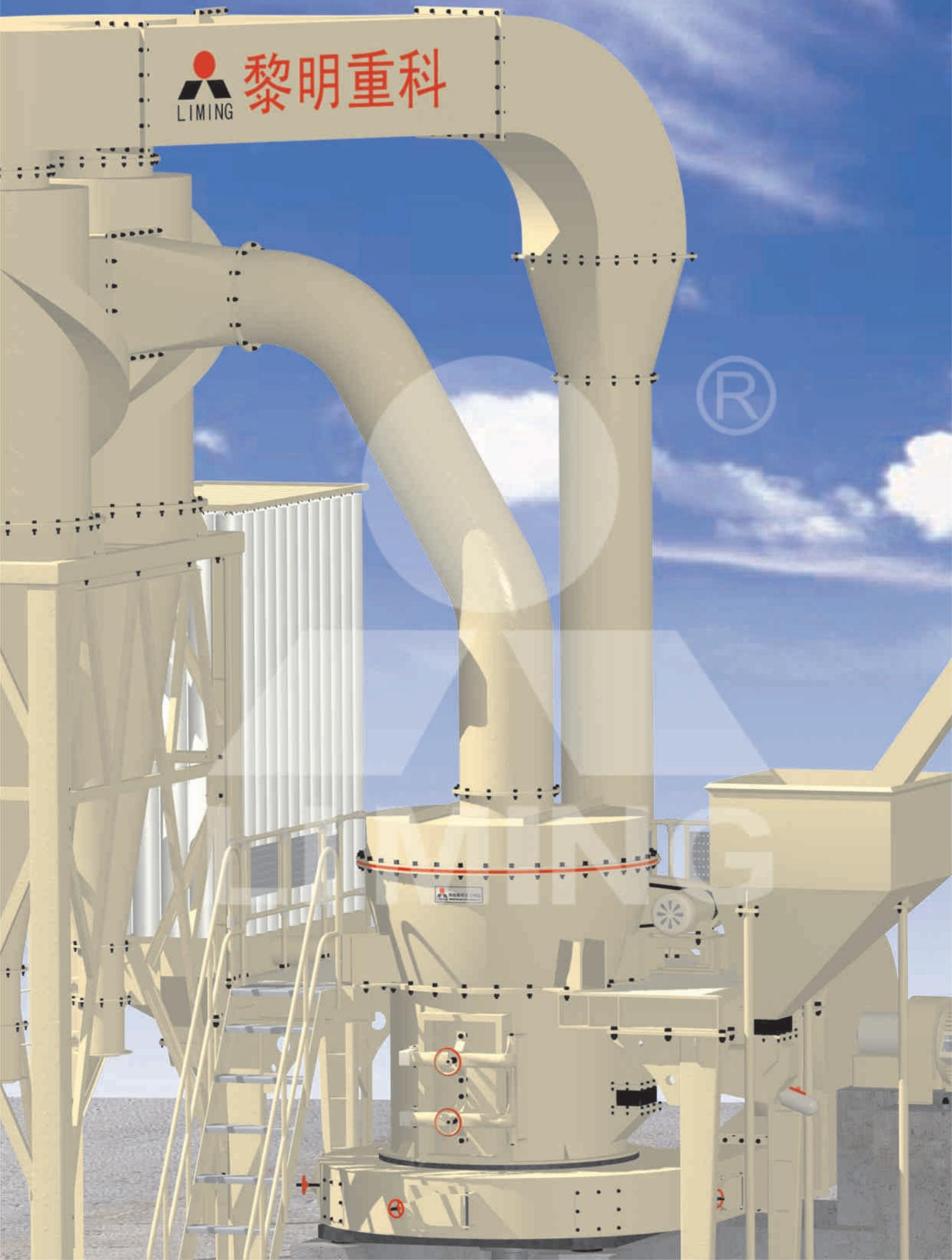
## The working principle of T130X Superfine Grinding Mill

Large materials are crushed by jaw crusher into required size for mainframe, then the crushed materials are elevated to the hopper by bucket elevator, then to the grinding chamber for grinding by vibrating feeder evenly and continuously. The powder goes upwards with the airflow, after separating by the classifier, those which can meet the fineness requirement enters into the collector through pipes for separating and collecting, and discharged from the discharged valve as finished products. The airflow is sucked into blower through wind recycling pipe at the upper part of cyclone power collector. And the closed airflow circulation system with negative pressure ensures the environmental health of production site.



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®



# PERFORMANCE ADVANTAGES

## 1. High precision and strength

The main frame and the base are completely soft-linked to avoid the vibration from the chamber transferring to the main frame and the classifier, which improves the precision of the classifier. The base is made of anti-crack nodular cast iron which boasts the strength of cast steel, the anti-vibration of cast iron and good impact resistance.

## 2. Stable and reliable security

It adopts the reducer that simulates German Flender. Technological advantages of professional reducer manufacturers are utilized to improve machine stability. Reducer and motor are connected by V-belt which is conducive to overload protection. The main frame and reducer are connected by pin coupling with elastic sleeve to improve the reliability of the whole equipment.

## 3. High production of low energy consumption

The classifier adopts high density impeller which can reduce the air resistance and improve the fineness and capacity meanwhile. The classifier adopts frequency control of motor speed with the characteristics of energy-saving, precision and high degree of automation.

## 4. High powder collecting efficiency

Bypass powder collector adopts the same resistance arrangement to avoid difference in power from two powder collector, which increases the efficiency, capacity and decreases internal circulation. The discharges of the collector and dust remover are in the same line which is convenient for powder collecting and packing and reduces the amount of work.

## 5. Easy maintenance

The maintenance platform makes maintenance work safer and more convenient.



## TECHNICAL PARAMETERS

### Technical parameters of T130X superfine grinding mill

Item	Quantity of roller	Diameter of roller×height (mm)	Diameter of ring×height (mm)	Main shaft speed (rpm)	Maximum feed size (mm)	Output fineness $\mu\text{m}$ (mesh)	Capacity (t/h)
parameters	4	$\Phi 410 \times 210$	$\Phi 1300 \times 210$	103	30	38-74 (200-400)	4-13

### Kinetic parameter of T130X superfine grinding mill

Main mill			Classifier			Blower			Weight (t)
Model	Power (kw)	Rotating speed (R/min)	Model	Power (kw)	Rotating speed (R/min)	Model	Power (kw)	Rotating speed (R/min)	
Y280S-4	75	1480	Y160L-4	15	1460 (frequency control)	Y280M-4	90	1480	28

#### 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

A close-up photograph of a welder's face and hands. The welder is wearing a light-colored protective welding helmet with a clear visor. Sparks are flying from the welding torch, creating bright orange and yellow streaks against a dark background. The welder's hands are gloved, and they are holding the welding torch. The overall lighting is dramatic, with strong highlights and shadows.

## **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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