英用机械
YING YONG MACHINERY

英用机械
YING YONG MACHINERY

HIGH EFFICIENCY MINERAL LAMINATION CRUSHING AND PRE-SEPARATION SYSTEM



Shanghai Yingyong Machinery Co., Ltd

Contact
+86 13917653369
+86 2154320331

Website
www.shyychina.com
Email
info@shyychina.com

上海英用机械有限公司
Shanghai Yingyong Machinery Co., Ltd
No.955JianchuanRoad,MinhangDistrict,Shanghai

ABOUT US

◆ ORIENTATION

Shanghai Yingyong Machinery Co., Ltd is a high-tech enterprise dedicated to high-end mineral processing, fluid engineering technology and equipment, special materials research and development, intelligent manufacturing technology research, digital engineering technology services and system integration of the above projects.

◆ SCALE

The company covers an area of 86,000 square meters, with a building area of 56 ,300 square meters and a lifting capacity of 100 tons.

◆ TALENTS

The company has more than 200 R&D personnel. Among the R&D personnel, the proportion of professors, professorial -level senior engineers, senior engineers, doctors and masters accounts for more than 40%.

◆ PARTNERS

The company has deep cooperation with Northeastern University, China University of Mining and Technology, Shenyang University of Technology and other related professional team, built a mineral high-efficiency dissociation and sorting engineering experimental center, with complete mineral laminar crushing and pre-sorting, ultra-fine grinding and sorting, dynamic solid-liquid separation, additive manufacturing engineering test system, with a strong minerals processing and special materials preparation of cutting-edge technology development and engineering application capabilities.



DEVELOPMENT

2015

December 2015

Established Shanghai YingYu Machinery Co.

2017

March 2017

The tower mill designed and developed by the company reaches the leading level of domestic technology.

2018

December 2018

The company passed the national high-tech enterprise certification.

2018

November 2018

The new high pressure roller mill designed and developed by the company fills the blank market in China.

2019

September 2019

Opened the high-end fluid engineering and mineral processing technology and equipment double main industry synergistic development road.

2020

May 2020

Investment of 360 million yuan, the construction of intelligent equipment industry base and special materials and intelligent equipment industry research institute.



INTELLIGENT MANUFACTURING

MAIN EQUIPMENT





CNC machining center





Automatic welding machine

100-ton crane for heavy-duty workshop



CNC Drilling



Heat treatment furnace



Engineering Test Center







英用机械
YING YONG MACHINERY

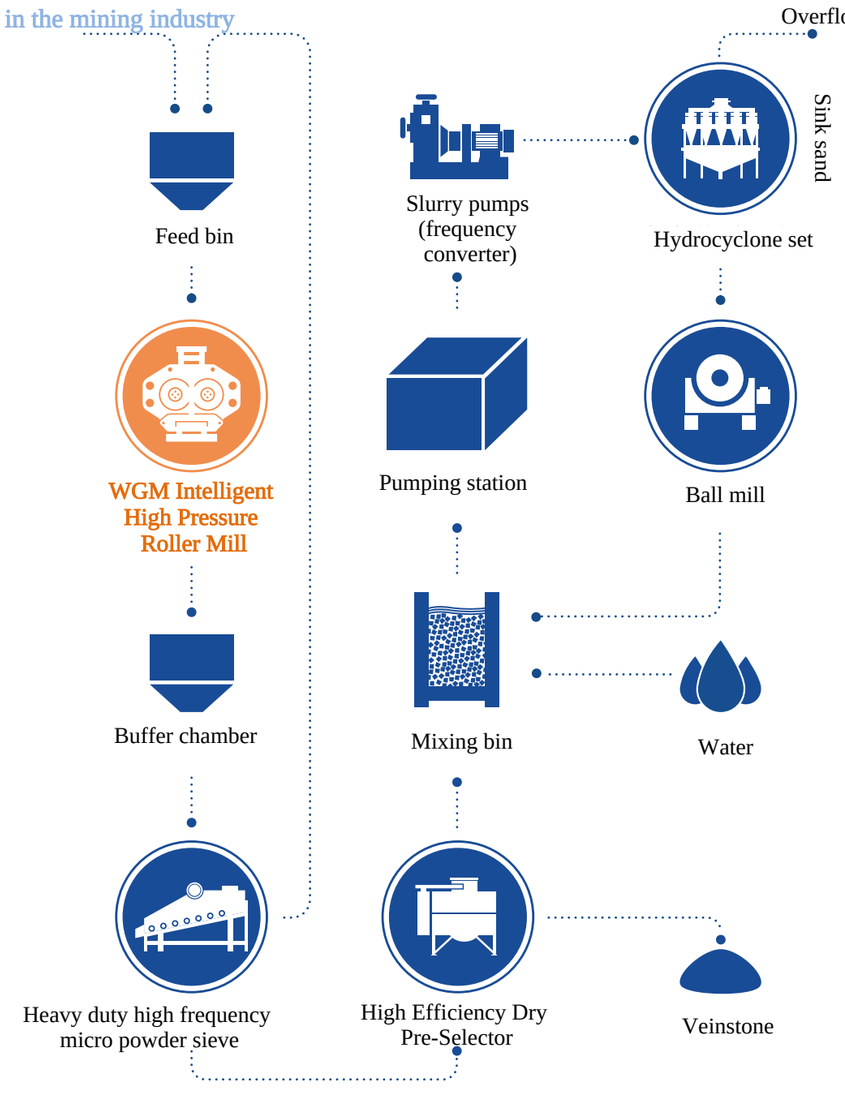
CORE EQUIPMENT IN SYSTEM

Efficient lamination
High Strength Screening
Efficient pre-selection

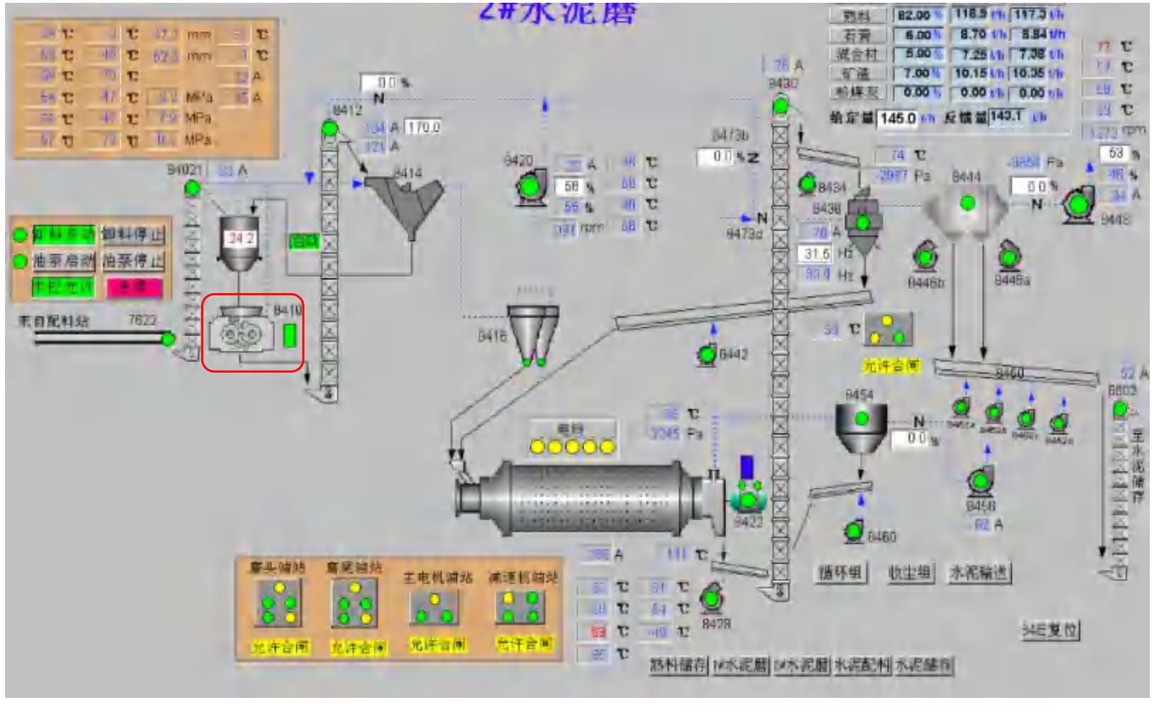


WGM Intelligent High Pressure Roller Mill

Used in the mining industry

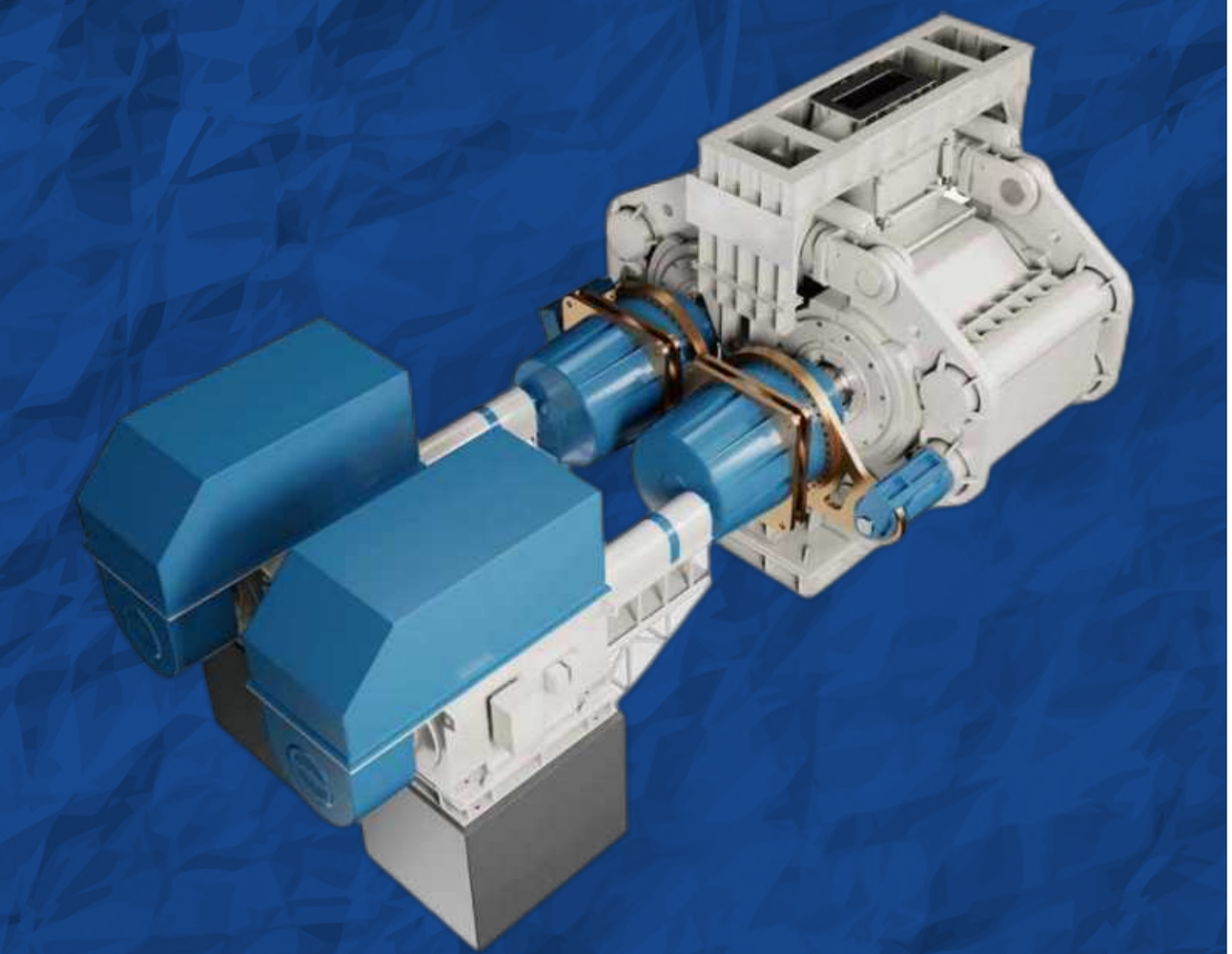


Used in the cement industry



英用机械
YING YONG MACHINERY

WGM INTELLIGENT HIGH PRESSURE ROLLER MILL



PERFORMANCE PARAMETERS OF WGM INTELLIGENT HPGR

Model	Roll system specification (mm)	Rated passing capacity (t/h)	Drive power (kw)
WGM–5425	Φ540×250	30	2×45
WGM–7030	Φ700×300	60	2×75
WGM–80	Φ800×(400–500)	80–100	2×(110–132)
WGM–100	Φ1000×(400–600)	100–160	2×(132–200)
WGM–120	Φ1200×(400–800)	160–400	2×(220–450)
WGM–140	Φ1400×(600–900)	360–560	2×(400–630)
WGM–150	Φ1500×(800–1100)	540–800	2×(630–850)
WGM–160	Φ1600×(900–1400)	760–1200	2×(800–1250)
WGM–170	Φ1700×(1000–1400)	1000–1400	2×(1120–1600)
WGM–200	Φ2000×(800–1600)	950–2000	2×(1000–2240)
WGM–240	Φ2400×(1400–1600)	2500–2800	2×(2500–3000)
WGM–260	Φ2600×(1400–1800)	2800–4000	2×(2800–4000)
WGM–300	Φ3000×(1600–2000)	4400–5600	2×(4500–5600)
WGM–360	Φ3600×(1600–2000)	5800–7400	2×(5600–7000)

- High efficiency, energy saving, increased production
- Strong adaptability of roll surface
- Strong process adaptability
- Long life of the side baffle
- Uniform roll surface wear
- Uniform product size
- Hydraulics, simple control, high system reliability
- Easy replacement of spare parts
- Internet of Things remote service

CORE EQUIPMENT CHARACTERISTICS

Integration of military-industrial hexagonal elements

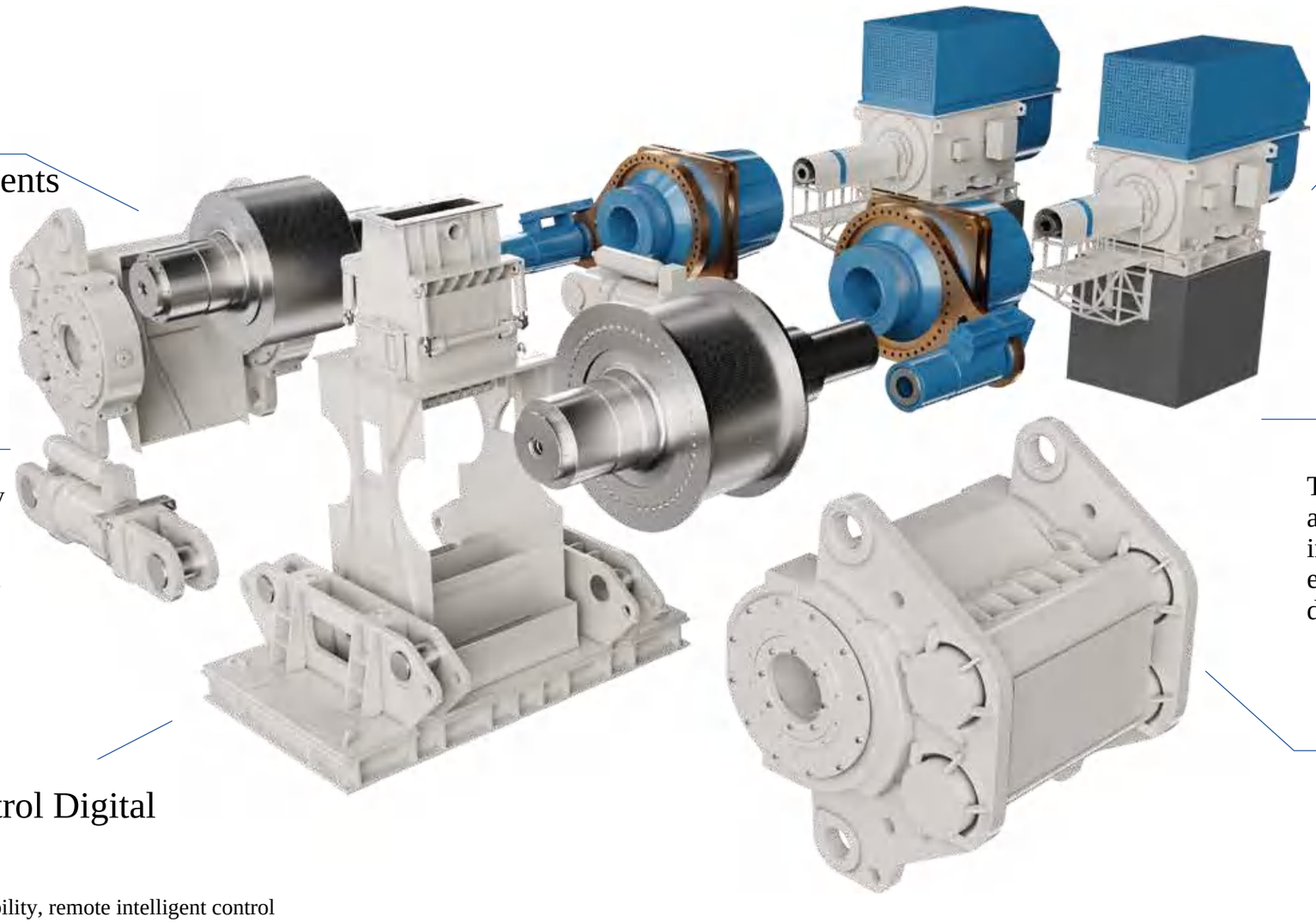
Reliability, Safety, Maintainability
Testability, security, environmental adaptability

Specialty Materials Reducing Consumption and Improving Efficiency

Multi-metallic nano-strengthened wear-resistant materials significantly reduce the consumption of spare parts and improve the economic efficiency of production and operation.

Remote Intelligent Control Digital Maintenance

Combined frame structure, higher reliability, remote intelligent control system, all-weather digital maintenance guarantee.



Specialist Services Team

Efficient and professional expert service team to provide systematic solutions.

Modular design

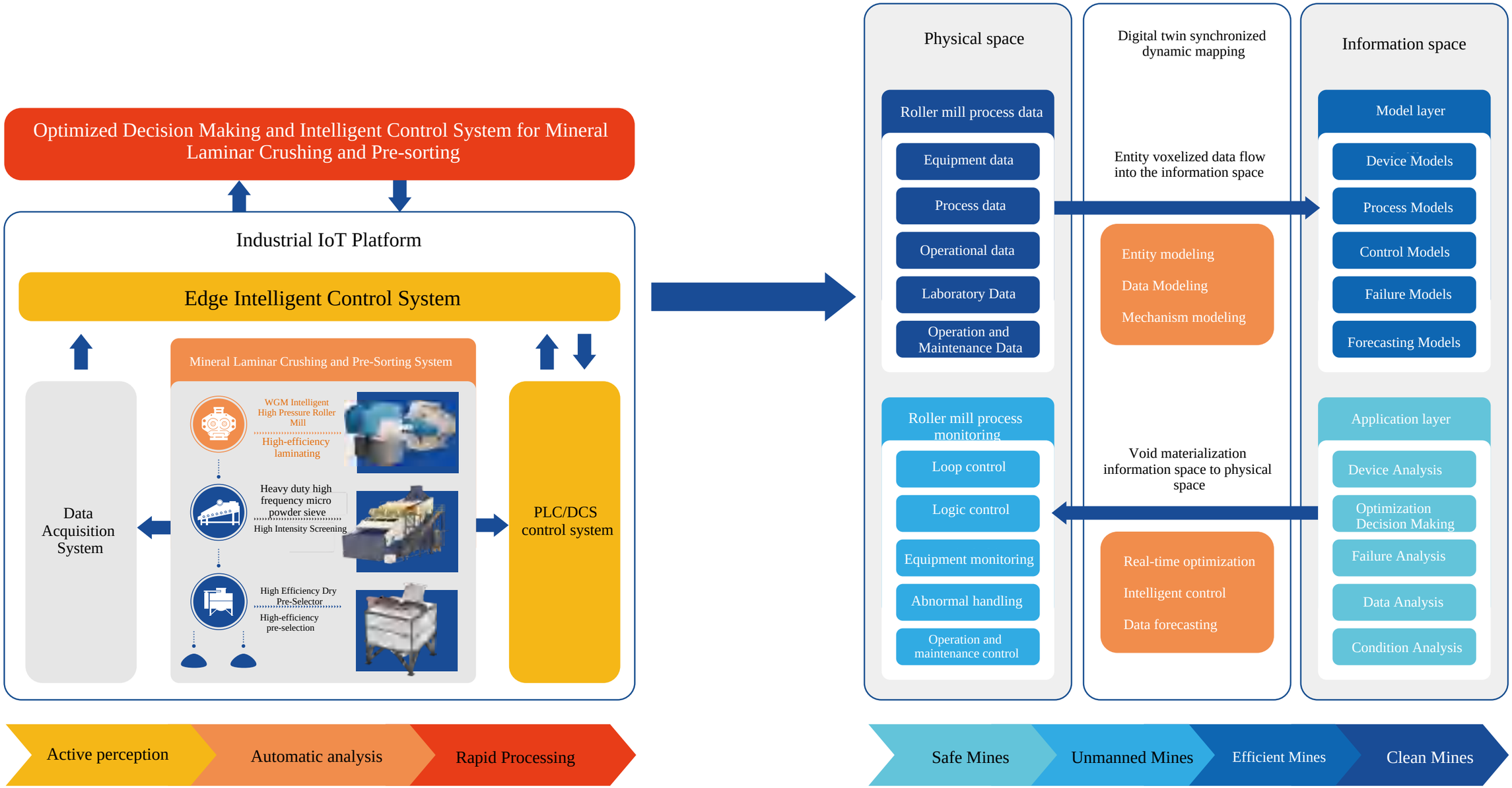
The design concept of "energy-saving and consumption reduction, quality improvement and efficiency enhancement" is based on the modular design of the real needs of users.

Equalized lamination control technology

Significantly reduces edge effects and lowers cyclic loads.

INTELLIGENT OPERATION AND MAINTENANCE SYSTEM BASED ON WGM

Intelligent Mineral Efficient Dissociation and Sorting Processes
Optimized Decision Making and Intelligent Control System



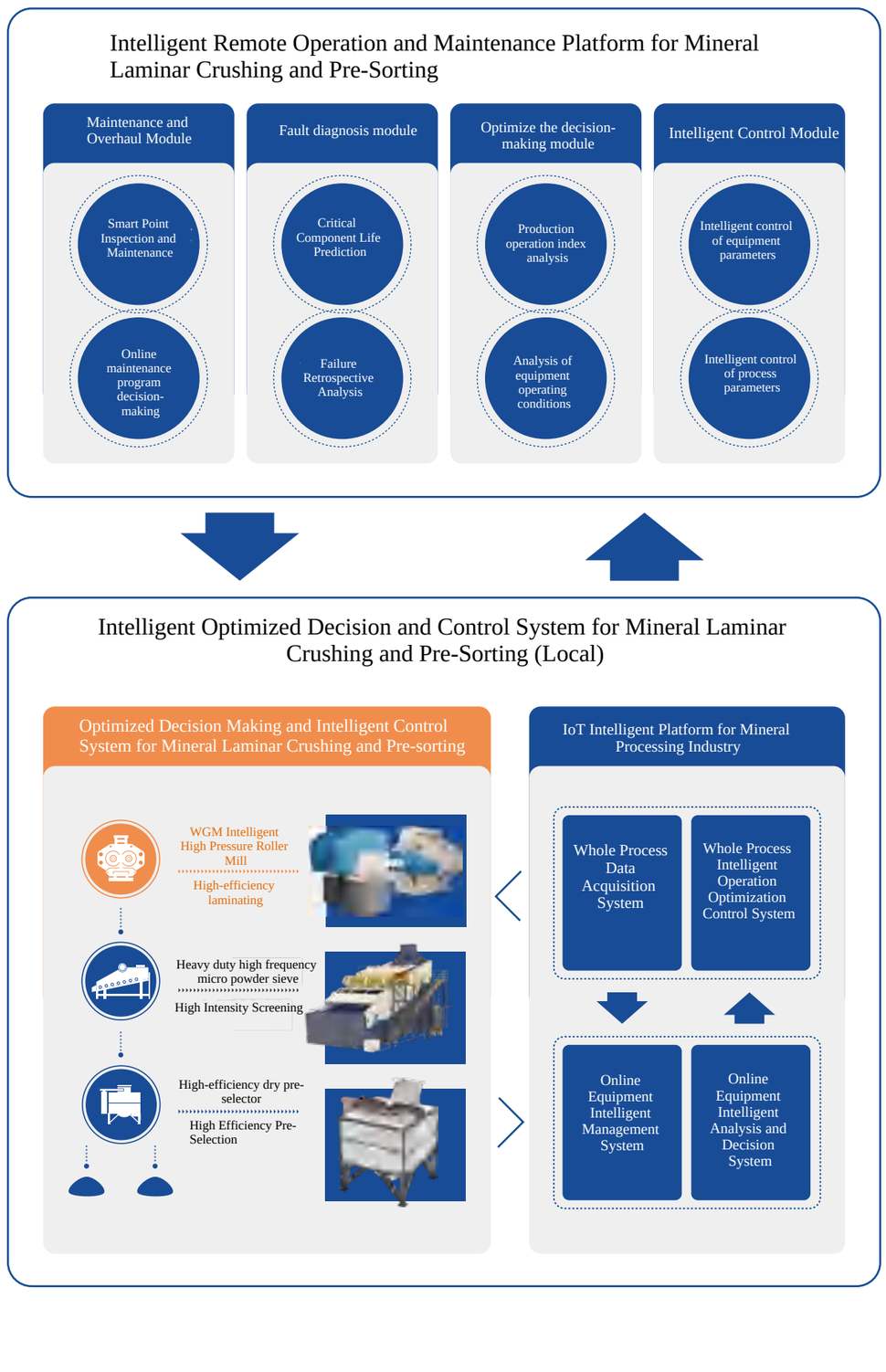
Active perception → Automatic analysis → Rapid Processing

Safe Mines → Unmanned Mines → Efficient Mines → Clean Mines

INTELLIGENT OPERATION AND MAINTENANCE SYSTEM BASED ON WGM

Digitizing Minerals for Efficient Dissociation and Sorting
Digitalized Operation and Maintenance Platform





TYPICAL PERFORMANCE

Has been widely used in:
Cement raw material, cement clinker, Iron ore, gold ore, copper ore, lead-zinc ore, bauxite, graphite ore, iron white powder, pyroxene and other mines and new energy fields











