英用机械

YING YONG MACHINERY

EFFICIENT MINERAL DISSOCIATION AND PRECISE SEPARATION SYSTEM

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DISSOCIATION
AND PRECISE
SEPARATION SYSTEM

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INTLLIGENT MANUFACTURING

MAIN EQUIPMENT





Data processing center





Automatic welding machine

100-ton crane for reassembly workshop



CNC drilling



Heat treatment furnace



Engineering Experiment Center



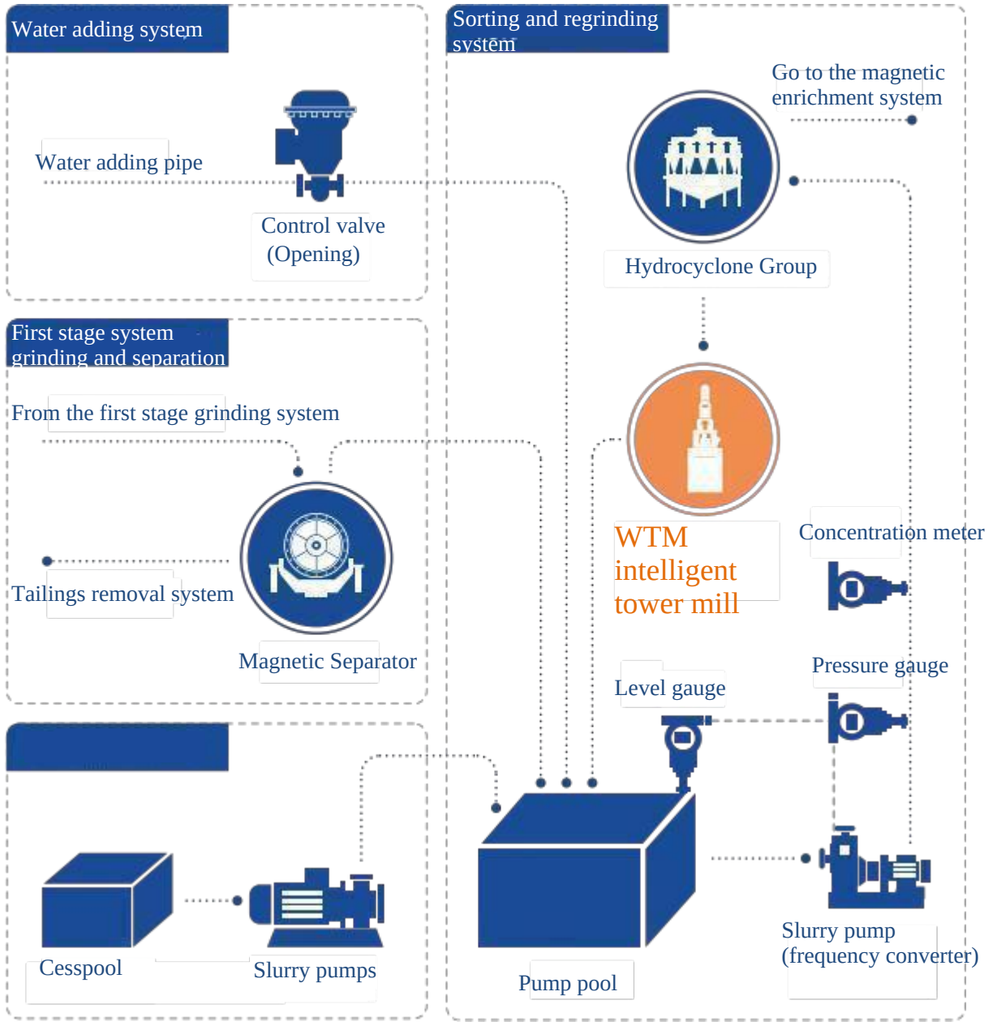


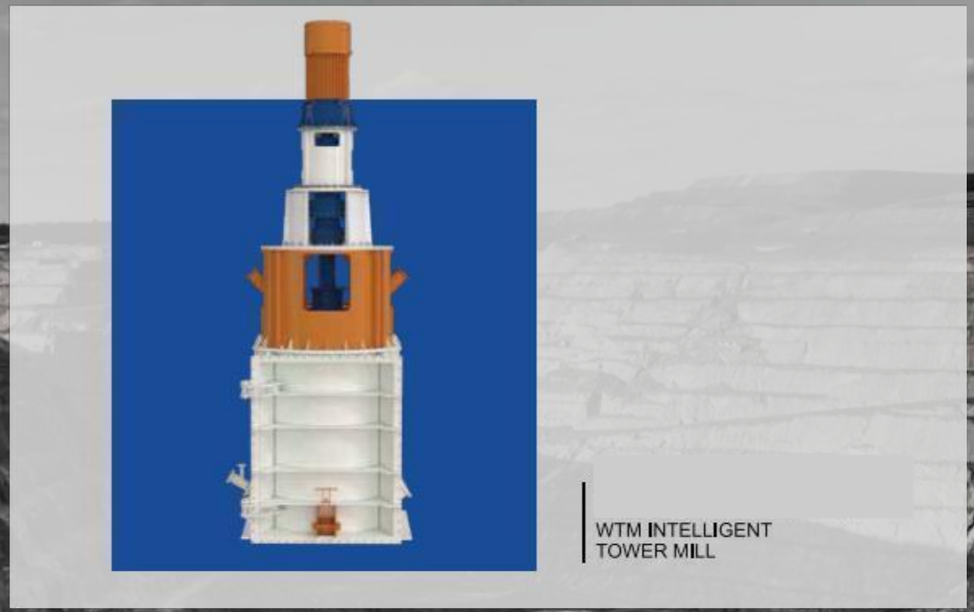


CORE EQUIPMENT IN SYSTEM

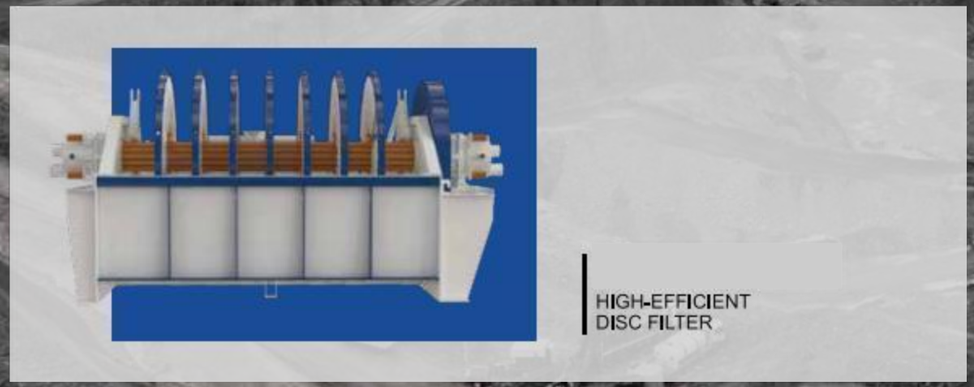
Typical system process flow

Efficient dissociation Precise separation









WTM INTELLIGENT TOWER MILL



Performance parameters Of WTM intelligent tower mill

Model	Power (KW)	Processing capacity (t/h)	Overall dimensions (length*width*height) mm
WTM-075	75	6~8	2400×2400×7500
WTM-112	112	10~12	2400×2400×7800
WTM-220	220	22~25	2800×2800×9350
WTM-280	280	30~35	3000×3000×9750
WTM-355	355	35~40	3300×3300×11500
WTM-560	560	55~60	3800×3800×12400
WTM-710	710	70~75	4300×4300×13200
WTM-850	850	85~90	4300×4300×13700
WTM-1000	1000	100 ~ 105	4300×4300×14100
WTM-1120	1120	110~120	4650×4650×14100
WTM-1300	1300	135~140	4650×465 0×4300
WTM-1500	1500	150~160	4950×495 0×4900
WTM-1850	1850	185~200	4950×495 0×5500
WTM-2250	2250	225~250	6000×6000×17200
WTM-3300	3300	330~350	7200×7200×18900

Note: The processing capacity is calculated based on the feed particle size - 200 mesh accounting for 60% ~ 70%, and the product particle size - 400 mesh accounting for 85% ~ 95%.

- Remote intelligent control system, all-weather maintenance guarantee
- Metal composite nano-reinforced wear-resistant lining plate, more wear-resistant and optimized
- Spiral design, higher efficiency
- World-class drive system configuration with stronger reliability
- Efficient and professional expert service team provides system solutions
- Multi-composite magnetically reinforced cylinder protection technology, wear-resistant, anti-corrosion, noise reduction, and environmentally friendly

Core equipment Characteristics

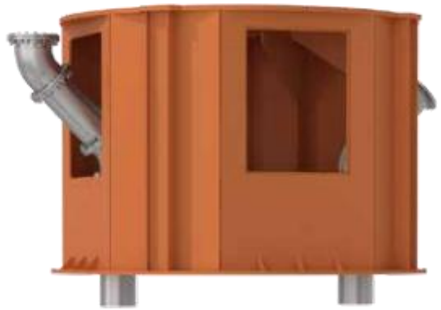


Integrating six elements of military industry

Reliability, safety, maintainability, testability, supportability, and environmental adaptability





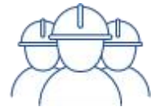






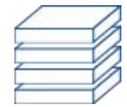






Expert service team

Efficient and professional expert service team provides system solutions



Modular design

The design concept of "saving energy, reducing consumption, improving quality and increasing efficiency" is a modular design based on the real needs of users.



Special materials reduce consumption and improve efficiency

Metal composite nano-reinforced wear-resistant lining plate signific antly reduces the consumption of spare parts
Improve economic efficiency of p roduction and operation





Remote intelligent control digital maintenance

Combined frame structure, higher reliability;
Remote intelligent control system, all-weather digit al maintenance guarantee



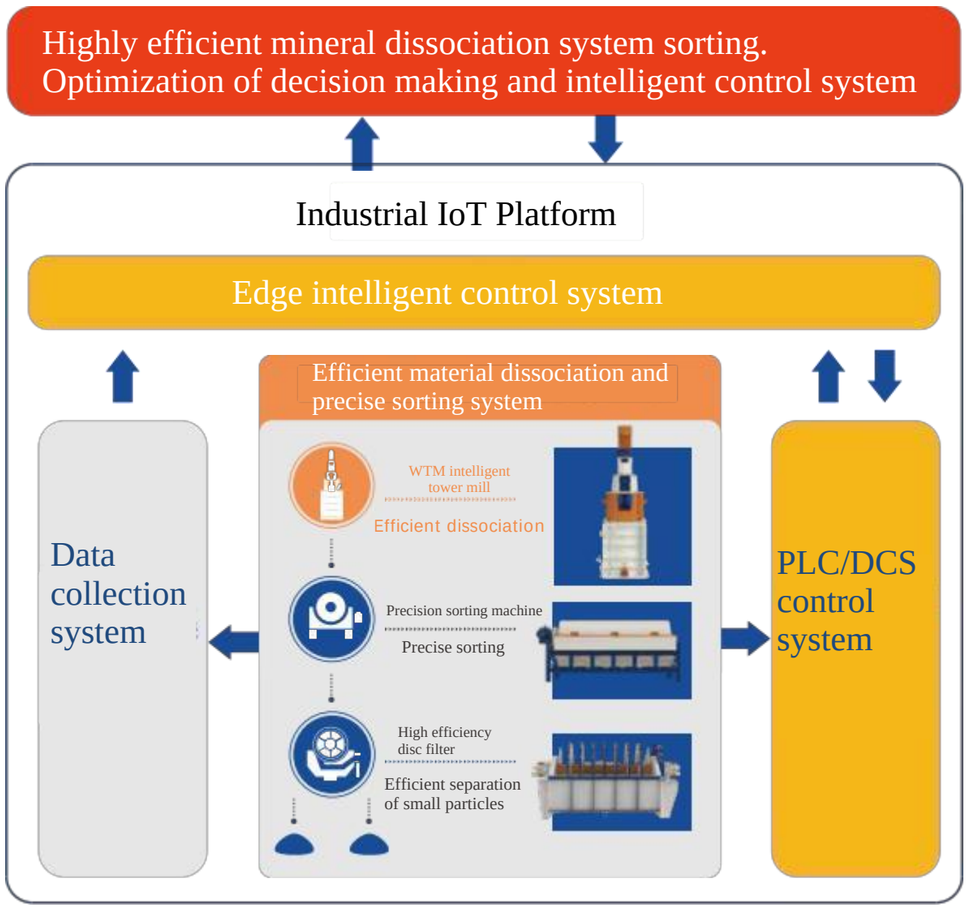


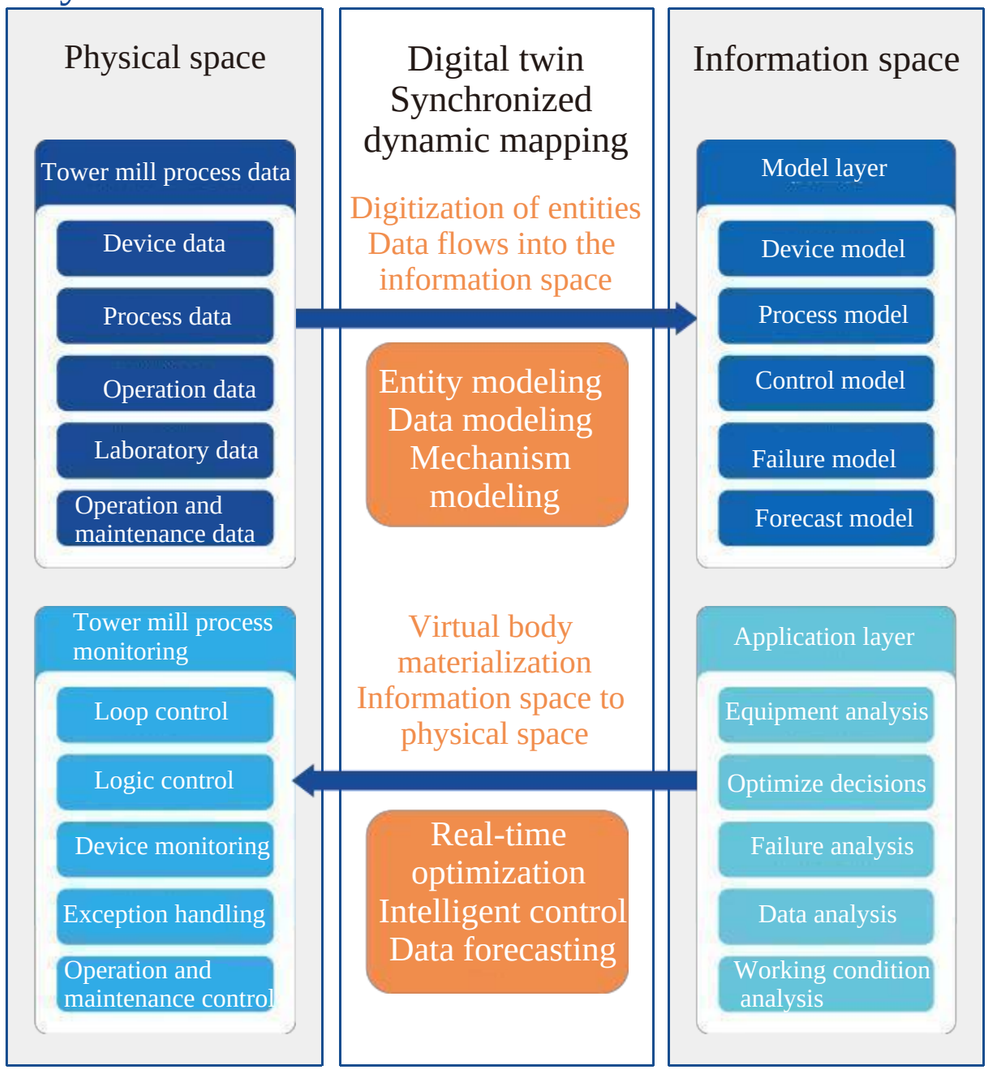
Multi-composite protection technology

Multi-composite magnetically reinforced cylinder protection technology, wear-resistant, anti-corrosion, noise reduction, and environmentally friendly

INTELLIGENT OPERATION AND MAINTENANCE SYSTEM BASED ON WTM

Intelligent mineral efficient dissociation and sorting process optimization decision-making and intelligent control system >>>





Active perception → Automatic analysis → Quick processing

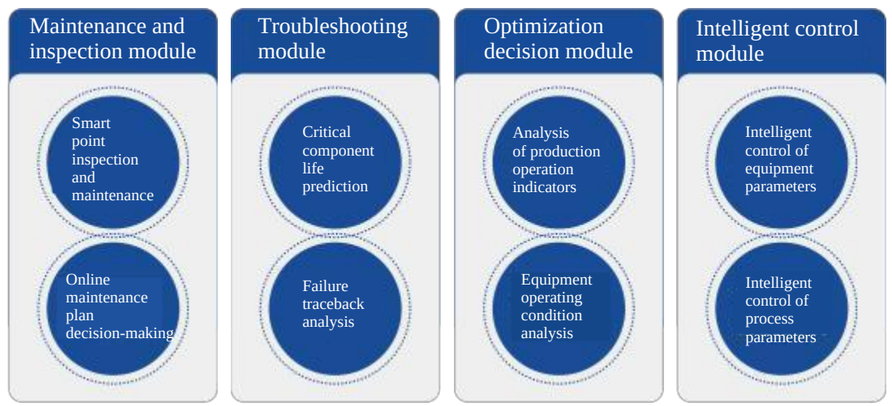
Safe mine → Unmanned mine → Efficient mine → Clean mine

INTELLIGENT OPERATION AND MAINTENANCE SYSTEM BASED ON WTM

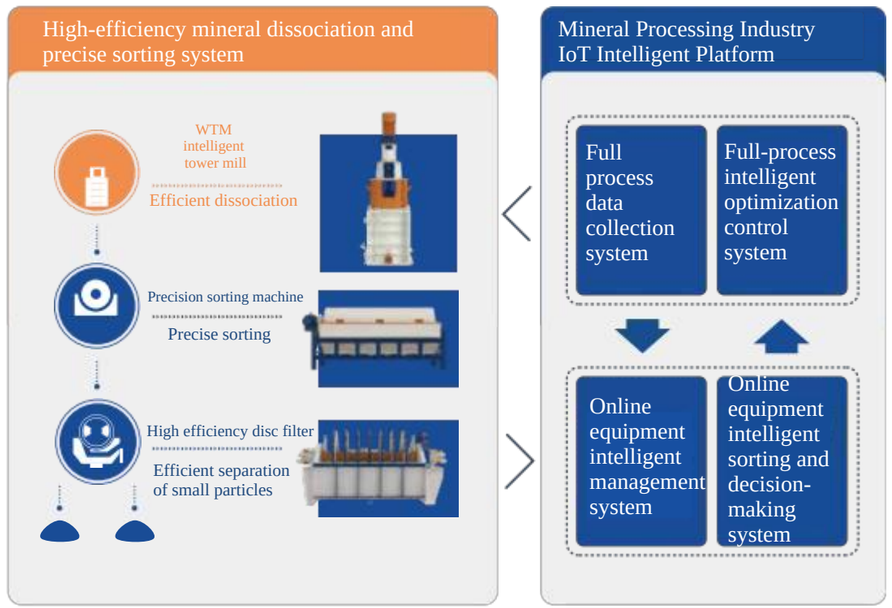
Intelligent mineral efficient dissociation and sorting
Digital operation and maintenance platform



Intelligent remote operation and maintenance platform for efficient mineral dissociation and precise sorting



Intelligent optimization decision-making and control system for efficient mineral dissociation and precise sorting (local)



TYPICAL PERFORMANCE

Has been widely used in:
Iron ore, gold ore, lead-zinc ore, copper ore, bauxite, graphite ore, fluorite ore, spodumene and other mining and new energy fields







