



**LONG YUE ENVIRONMENTAL**  
**FINITE RESOURCES, INFINITE RECYCLING**



Whats app



Qrcode

**Guangdong Longyue Environmental Intelligent Equipment Co., Ltd.**

Address: No. S528, Qingsi Highway, Qingxin District, Qingyuan City, Guangdong Province

TEL: 400-666-2622

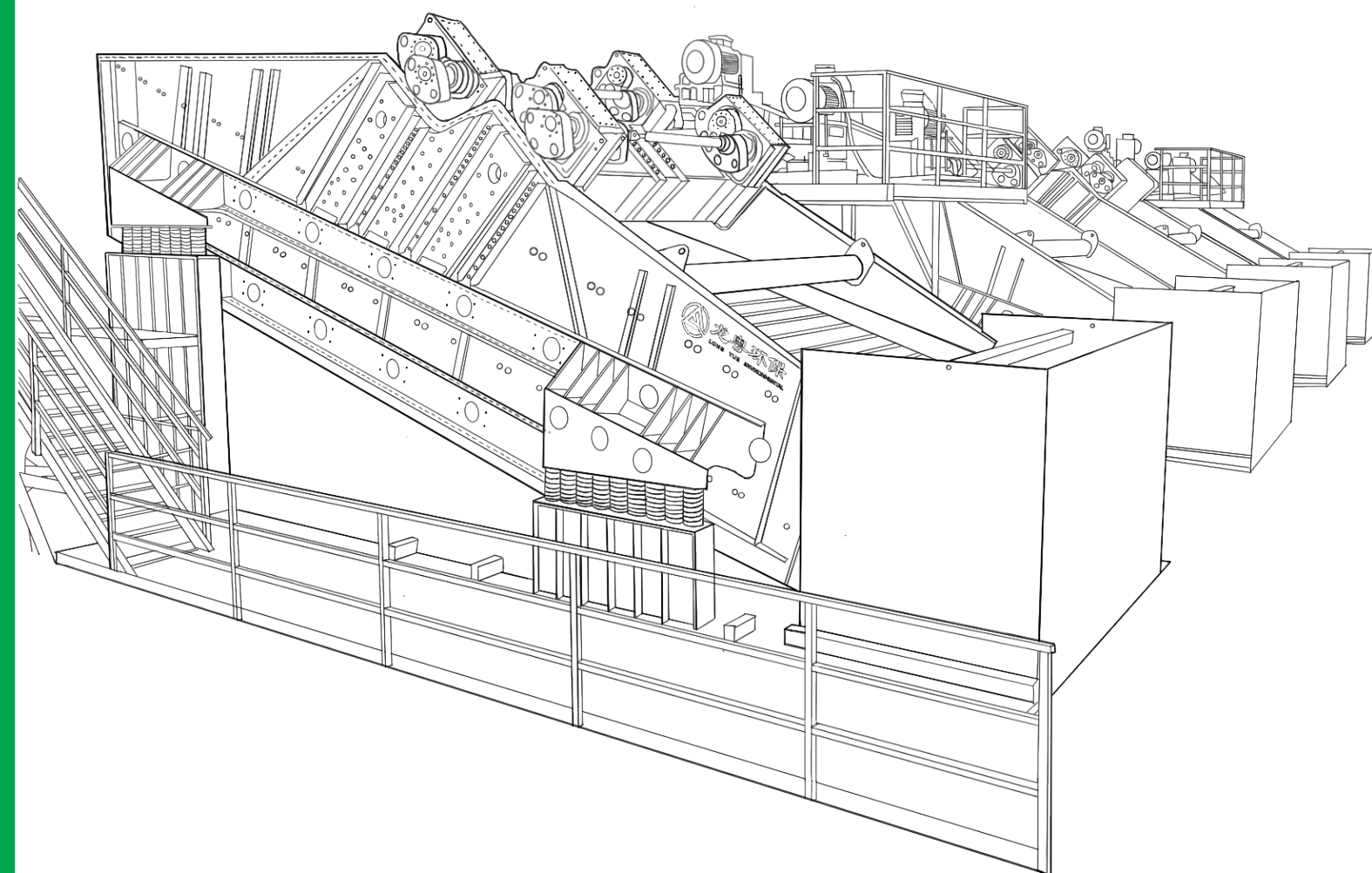
Email: gzlyhbjx@163.com

Website: www.Longyueegr.com

The company is dedicated to continuous product enhancement. In the event of modifications to technical specifications or descriptions, the physical product shall take precedence.

# LONGYUE

**PROVIDER OF MINERAL SCREENING EQUIPMENT AND INTEGRATED SOLUTIONS**



**Guangdong Longyue Environmental Intelligent Equipment Co., Ltd.**



Over 100 Acres of  
Modern Manufacturing  
Facility



Over 10,000  
Certified Clients



Over 50 Units of  
Advanced Production  
and Processing Equip-  
ment

**LONG YUE  
ENVIRONMENTAL**

## Company Overview

### Committed to Developing Sustainable, Intelligent Green Mining Operations

Guangzhou Longyue Environmental Protection Machinery Equipment Co., Ltd. is a high-technology enterprise integrating research and development, manufacturing, sales, and service. Its product portfolio encompasses screening of metallic and non-metallic minerals, sand and gravel aggregate processing, green mining wastewater treatment, and dust suppression, delivering critical screening equipment and comprehensive solutions for these sectors. From product development, manufacturing, quality assurance, full-machine testing, sales, to after-sales support, its solutions serve thousands of domestic mining enterprises and are exported to numerous countries and regions. The company has been honored with titles such as “Provincial Specialized and Sophisticated SME” by China’s Ministry of Industry and Information Technology, “High-Technology Enterprise,” “High-Technology Product,” and “Contract and Credit Integrity Enterprise.” It operates dozens of advanced, modern professional manufacturing and processing equipment. With meticulous craftsmanship and stringent quality control, the company consistently adopts cutting-edge domestic and international R&D methodologies and manufacturing techniques, prioritizing technological innovation aligned with market demands and operational practices to maximize client value.

#### Business Reach

Extending across China and globally to countries including Russia, Kazakhstan, Malaysia, Vietnam, Thailand, Laos, and others.

# ADVANCED MANUFACTURING FACILITY

The company operates a state-of-the-art production facility spanning over 100 acres, equipped with modern, standardized, and comprehensive manufacturing capabilities. The facility is outfitted with advanced equipment, including FAST laser cutting machines, CNC machining centers, large-scale gantry boring and milling machines, laser tube cutting chuck machines, plasma cutting systems, heavy-duty bending machines, and shot blasting equipment. These integrate production, welding, assembly, painting, and testing into a seamless workflow. Advanced hardware and technical support ensure a highly standardized and professional manufacturing process.



CNC GANTRY MACHINING CENTER



LARGE-SCALE PUNCHING MACHINE



LARGE-SCALE SHOT BLASTING MACHINE



HORIZONTAL LATHE MACHINING CENTER



20,000W LASER TUBE CUTTING CHUCK MACHINE



20,000W LASER CUTTING MACHINE



FABRICATION WORKSHOP



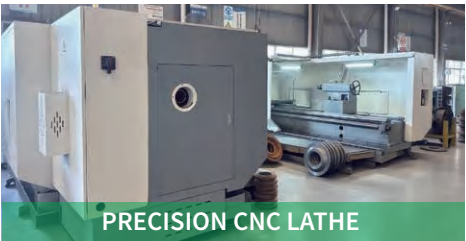
PLASMA AND LASER CUTTING MACHINE



CNC MATERIAL CUTTING CENTER



RESEARCH AND DEVELOPMENT LABORATORY



PRECISION CNC LATHE



HYDRAULIC CNC BENDING MACHINE

## SERVICE STRENGTHS

### LONGYUE PROFESSIONAL ENGINEERING TEAM

The Longyue environmental engineering team comprises seasoned technicians who undertake hundreds of wastewater treatment projects annually.

Wastewater treatment system engineering: Customized to site conditions with optimized layouts, construction adheres strictly to corporate management standards, ensuring a clean worksite, standardized operations, clear task delegation, and seamless team collaboration for zero-incident construction.



Safety-first production, meticulous attention to detail, pursuit of excellence, assured quality, and on-schedule completion embody the ethos of Longyue's environmental engineering team.

### ONE-TIME PARTNERSHIP, LIFETIME AFTER-SALES SUPPORT

**30** Second

Response To  
Client Technical Inquiries

**12** Hour

Resolution Of  
Client Complaints And Feedback

**24** Hour

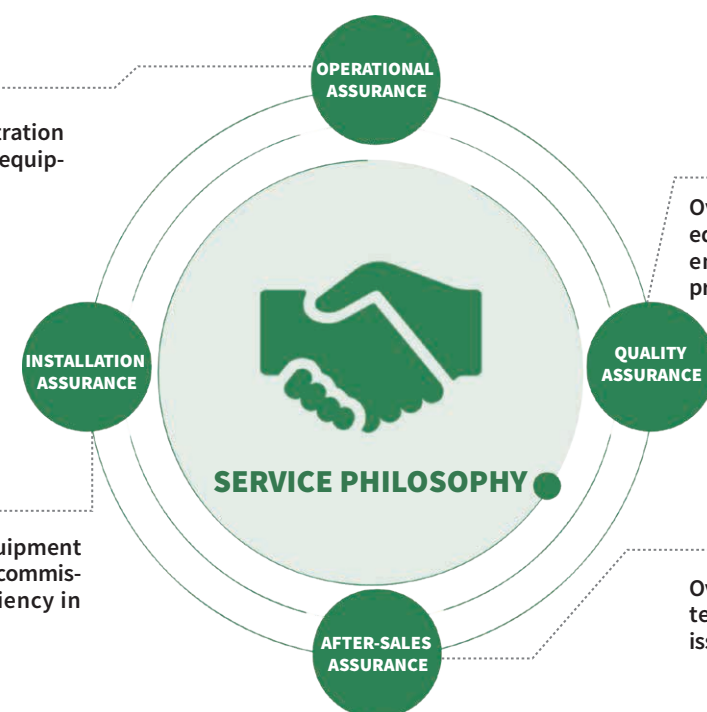
Delivery Of  
Detailed Design Proposals

**72** Hour

Dispatch Of  
Technical Personnel Within China

Multiple production line demonstration sites for convenient client on-site equipment inspections.

Comprehensive oversight of equipment transportation, installation, and commissioning to ensure client proficiency in operation.



Over a decade of expertise in mining equipment R&D and manufacturing, ensuring accountability for every process.

Over 200 dedicated after-sales maintenance professionals to address issues promptly.

## STRATEGIC PARTNERS

Extensive experience with large-scale and EPC projects, delivering rapid and comprehensive responses to client requirements, providing products and services that exceed expectations.



CORPORATE ACCOLADES

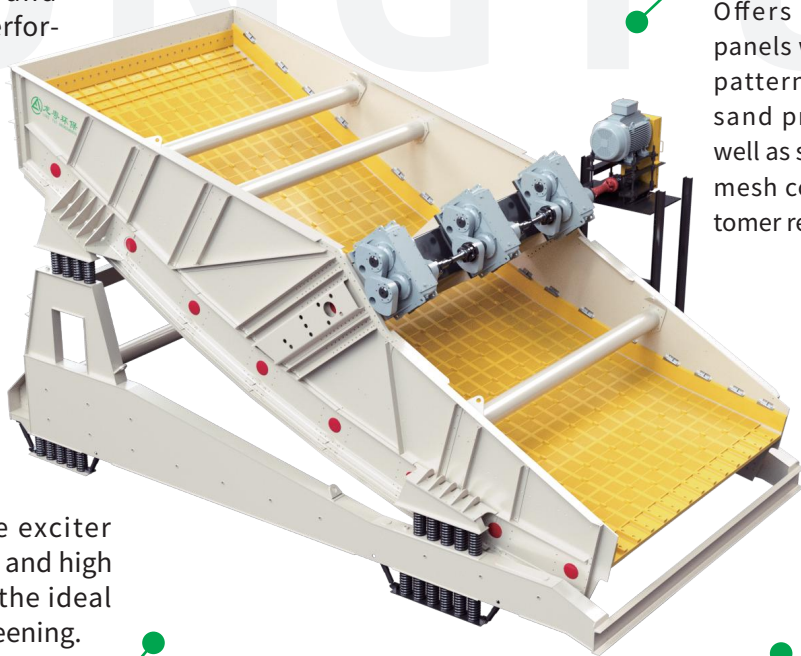


OVER 50+ UTILITY MODEL PATENTS  
INVENTION PATENT CERTIFICATES



# SINGLE-DECK BANANA SCREEN

Used for fine sand production, featuring a thin material bed, high frequency, and thorough screening performance.



Offers polyurethane screen panels with various perforation patterns to suit different fine sand production methods, as well as stainless steel woven wire mesh configurations upon customer request.

Provides feed distribution chute options, combined with a negative-pressure dust cover, making it an excellent solution for green mining operations.

Combination of three exciter groups, low load factor, and high vibration frequency – the ideal choice for fine sand screening.

| MODEL | SCREEN AREA<br>(M² PER DECK) | CAPACITY<br>(T/H) | VIBRATING MASS<br>(KG) | DRIVE UNIT | EXCITER  | TOTAL WEIGHT<br>(KG) | DIMENSIONS(MM)<br>L×W×H |
|-------|------------------------------|-------------------|------------------------|------------|----------|----------------------|-------------------------|
| 1848  | 8.64                         | 220-500           | 5700                   | 22KW       | SW317S*2 | 6260                 | 5675*2590*2880          |
| 2161  | 12.81                        | 300-900           | 7150                   | 22KW       | SW317S*2 | 7850                 | 6845*2895*2990          |
| 2496  | 23.04                        | 420-1000          | 14200                  | 37KW       | DF504S*2 | 15400                | 9900*3250*5180          |
| 3085  | 25.5                         | 550-1300          | 13900                  | 37KW       | SW322V   | 15100                | 9182*3860*3820          |
| 3685  | 30.6                         | 650-1650          | 19800                  | 55KW       | SW326V   | 21100                | 9100*4600*4292          |
| 4390  | 38.5                         | 800-2000          | 28000                  | 90KW       | SW326V   | 43600                | 10302*5200*5896         |

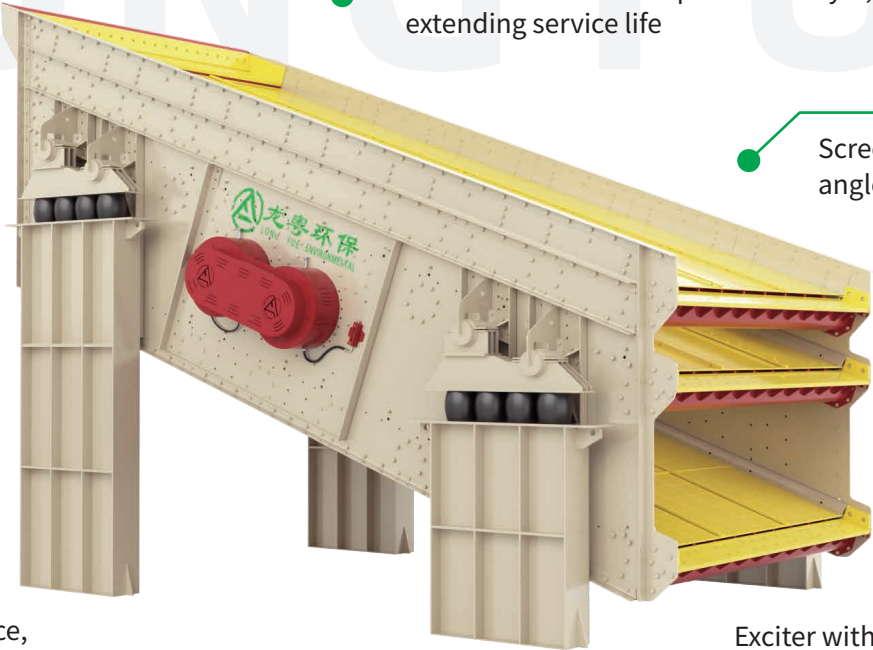
■ In case of modifications, the actual product shall prevail.

# CIRCULAR VIBRATING SCREEN

Simple structure, easy maintenance

Wear-resistant rubber protective layer, extending service life

Screen deck inclination angle: 17°-21°



High vibration force, non-clogging operation

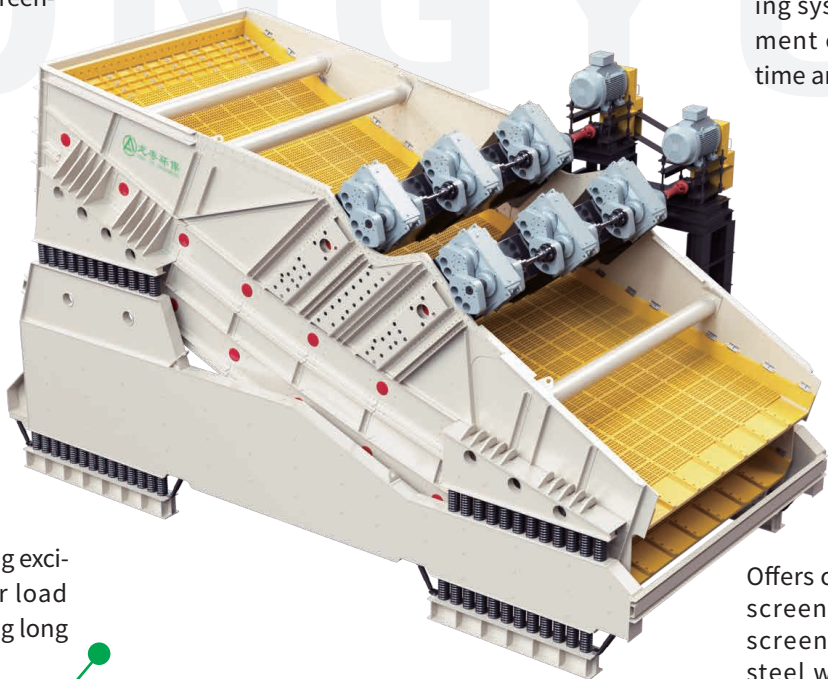
Exciter with eccentric shaft and eccentric mass configuration

| MODEL   | NUMBER OF SCREEN DECKS | SCREENING AREA<br>(M²) | PROCESSING CAPACITY<br>(T/H) | MOTOR POWER<br>(KW) | FREQUENCY<br>(RPM) | AMPLITUDE<br>(MM) | TOTAL WEIGHT<br>(T) |
|---------|------------------------|------------------------|------------------------------|---------------------|--------------------|-------------------|---------------------|
| YA3075  | 1                      | 22.5                   | 250-500                      | 2*30                | 750-850            | 8-11              | 23                  |
| 2YA3075 | 2                      | 22.5*2                 | 250-600                      | 2*30                | 750-850            | 8-11              | 25                  |
| 3YA3075 | 3                      | 22.5*3                 | 250-700                      | 2*37                | 750-850            | 8-11              | 26                  |
| YA3675  | 1                      | 28.1                   | 300-600                      | 2*30                | 750-800            | 9-11              | 25                  |
| 2YA3675 | 2                      | 28.1*2                 | 300-700                      | 2*37                | 750-800            | 9-11              | 27                  |
| 3YA3675 | 3                      | 28.1*3                 | 300-800                      | 2*45                | 750-800            | 9-11              | 32                  |
| 2YA3682 | 2                      | 29.5*2                 | 400-800                      | 2*45                | 750-800            | 9-11              | 34                  |
| 3YA3682 | 3                      | 29.5*3                 | 400-1000                     | 2*45                | 750-800            | 9-11              | 35                  |
| 2YA3685 | 2                      | 30.6*2                 | 500-1000                     | 2*45                | 750-800            | 9-11              | 39                  |
| 3YA3685 | 3                      | 30.6*3                 | 600-1200                     | 2*45                | 750-800            | 9-11              | 42                  |

■ In case of modifications, the actual product shall prevail.

# TWO-DECK BANANA SCREEN

Ultra-stable screen structure, suitable for high-capacity screening requirements.



Provides an intelligent monitoring system to know the equipment operating status at any time and place.

Combination of ultra-strong excitation force, with exciter load factor below 80%, ensuring long service life.

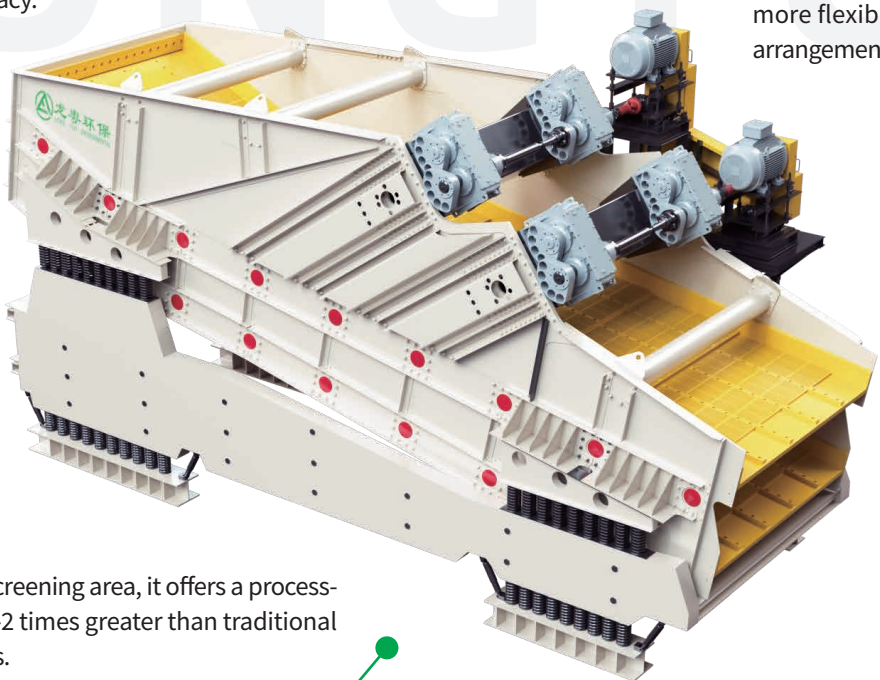
Offers configurations of rubber screen panels, polyurethane screen panels, and stainless steel woven wire mesh, with seamless changeover.

| MODEL | SCREENING AREA (M <sup>2</sup> PER DECK) | PROCESSING CAPACITY (T/H) | VIBRATING MASS (KG) | DRIVE UNIT | EXCITER | TOTAL WEIGHT (KG) | OVERALL DIMENSIONS (MM) L×W×H |
|-------|------------------------------------------|---------------------------|---------------------|------------|---------|-------------------|-------------------------------|
| 1861  | 10.98                                    | 500                       | 11000               | 22KW       | SW326   | 11500             | 6850*2580*3770                |
| 2161  | 12.81                                    | 550-1000                  | 11300               | 22KW       | SW326   | 11800             | 6850*2841*3876                |
| 2476  | 18.24                                    | 650-1300                  | 21000               | 55KW       | SW326V  | 22150             | 8115*3380*5300                |
| 3080  | 24                                       | 800-1600                  | 22000               | 55KW       | SW326V  | 23200             | 8370*3860*5190                |
| 3697  | 35.28                                    | 1500-2500                 | 37800               | 90KW       | SW326V  | 58400             | 10102*4430*6175               |
| 4385  | 36.5                                     | ≥2000                     | 39.25               | 90KW       | SW326   | 56.8              | 9200*5200*6560                |
| 4397  | 41.8                                     | 2400-3000                 | 55000               | 2*90KW     | SW326V  | 80000             | 11263*5162*6090               |

■ In case of modifications, the actual product shall prevail.

# LINEAR LINEAL

Suitable for a wide variety of materials, processes large volumes while improving screening accuracy.



The linear screen structure is more stable, with higher load capacity and more flexible and reliable structural arrangement.

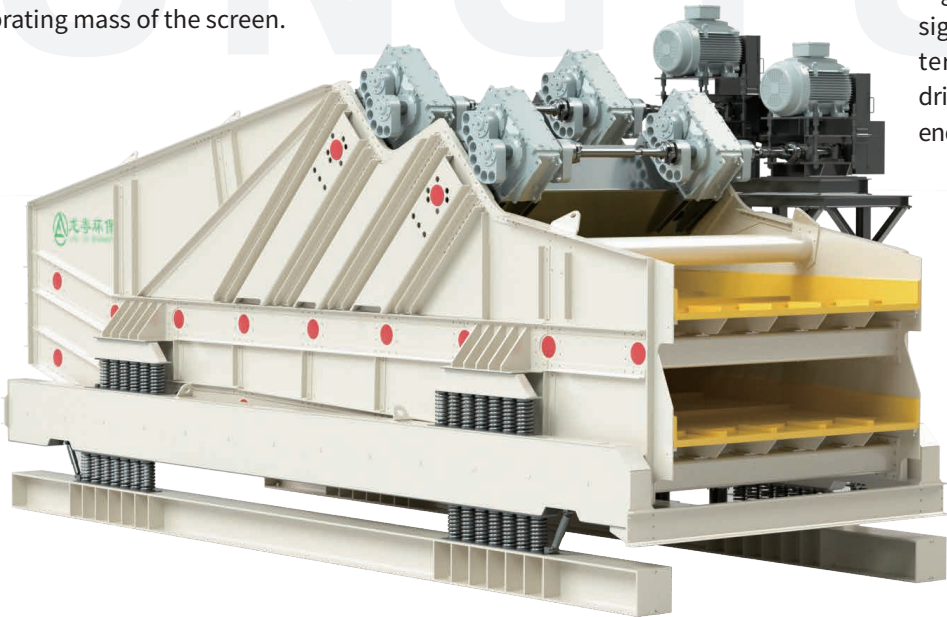
With the same screening area, it offers a processing capacity 1.5-2 times greater than traditional vibrating screens.

| MODEL     | SCREENING AREA (M <sup>2</sup> PER DECK) | PROCESSING CAPACITY (T/H) | VIBRATING MASS (KG) | DRIVE UNIT | EXCITER | TOTAL WEIGHT (KG) | OVERALL DIMENSIONS (MM) L×W×H |
|-----------|------------------------------------------|---------------------------|---------------------|------------|---------|-------------------|-------------------------------|
| VDDH 3673 | 26.8                                     | 800-1300                  | 25000               | 75KW       | SW326   | 40000             | 8200*4600*5360                |
| VDDH 3685 | 31.2                                     | 1000-1500                 | 29500               | 90KW       | SW326   | 48000             | 9100*4600*6185                |
| VDDH 3697 | 35.7                                     | ≥1200                     | 40200               | 55kw*2     | SW326   | 60000             | 10580*4600*6700               |
| VDDH 4385 | 36.4                                     | 1200-1600                 | 37300               | 90KW       | SW326   | 55500             | 9630*5200*5846                |
| VDDH 4395 | 36.5                                     | ≥2500                     | 24000               | 90KW       | SW326   | 25.3              | 9200*5200*5300                |

■ In case of modifications, the actual product shall prevail.

# GOLDEN SAND SCREEN

The dual-drive, dual-beam, four-exciter power system provides ample power, meeting the requirements of high capacity and large vibrating mass of the screen.



The high-frequency, high-speed operation mode significantly improves dewatering efficiency, achieving drier material at the discharge end.

Strict manufacturing processes and scientific assembly flow, with high precision in fabrication and assembly, controlling screen oscillation during operation within 0.5 mm.

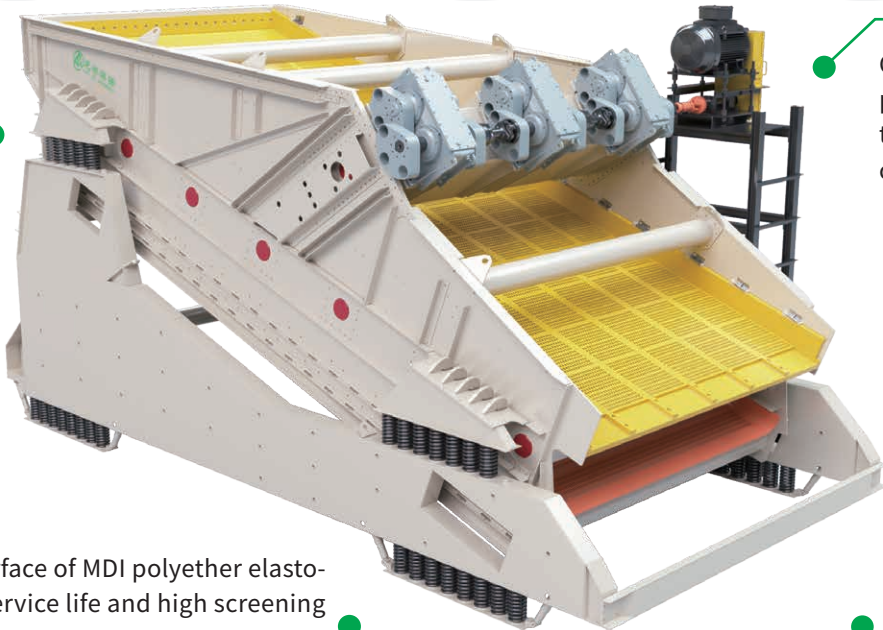
| MODEL | SCREENING AREA (M <sup>2</sup> PER DECK) | PROCESSING CAPACITY (T/H) | VIBRATING MASS (KG) | DRIVE UNIT | EXCITER | TOTAL WEIGHT (KG) | OVERALL DIMENSIONS (MM) L×W×H |
|-------|------------------------------------------|---------------------------|---------------------|------------|---------|-------------------|-------------------------------|
| 2461  | 14.8                                     | 100-200                   | 14500               | 55kw       | SW326   | 15600             | 6900*3200*3500                |
| 3097  | 29.9                                     | 300-800                   | 33000               | 110kw      | SW326   | 47000             | 11000*3930*4500               |
| 3673  | 26.8                                     | 300-800                   | 25000               | 75kw       | SW326   | 39300             | 8351*4600*5642                |
| 3697  | 35.7                                     | 300-800                   | 40200               | 110kw      | SW326   | 54500             | 11500*5200*5100               |

■ In case of modifications, the actual product shall prevail.

# TWO-DECK FLIP-FLOW SCREEN

Used for the production of wet and sticky fine sand, with an upper deck that separates coarse material and a lower deck for thin-layer classification, achieving thorough screening.

Combination of three exciter groups, low load factor, high vibration frequency, the ideal choice for fine sand screening.



Customized screen panel perforations, offering tailor-made solutions for customers.

Lower screen surface of MDI polyether elastomer, with long service life and high screening efficiency.

Provides a secondary isolation frame, with smooth transitions during start-up and shut-down, and a dynamic load of only 0.5%.

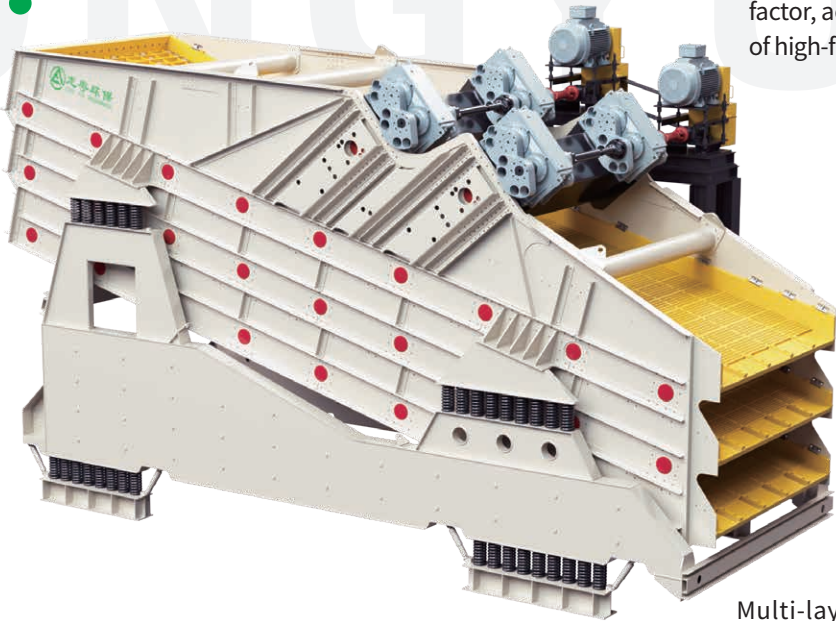
| MODEL | SCREENING AREA (M <sup>2</sup> PER DECK) | PROCESSING CAPACITY (T/H) | VIBRATING MASS (KG) | DRIVE UNIT | EXCITER | TOTAL WEIGHT (KG) | OVERALL DIMENSIONS (MM) L×W×H |
|-------|------------------------------------------|---------------------------|---------------------|------------|---------|-------------------|-------------------------------|
| 3090  | 27.3                                     | 700-975                   | 22800               | 55kw       | SW326   | 24000             | 9193*3950*5252                |
| 3673  | 26.28                                    | 850-1250                  | 24950               | 55kw       | SW326   | 26400             | 8040*4414*4561                |
| 4080  | 32                                       | 950-1300                  | 32000               | 90kw       | SW326   | 33500             | 9207*4700*5020                |
| 4312  | 51.6                                     | 1000-1500                 | 46700               | 90kw       | SW326   | 41000             | 11880*5024*6478               |

■ In case of modifications, the actual product shall prevail.

# TRIPLE-DECK

## LINEAR SCREEN

Used for precise screening of product materials, with high processing capacity, reducing infrastructure investment.



Combination of ultra-strong excitation force with low exciter load factor, achieving the advantages of high-frequency vibration.

Solid screen structure that allows high-frequency vibration, ensuring efficient fine sand screening.

Multi-layer screen surfaces for separation and weight reduction, with thinner layers and higher screening capacity.

| MODEL | SCREENING AREA (M² PER DECK) | PROCESSING CAPACITY (T/H) | VIBRATING MASS (KG) | DRIVE UNIT | EXCITER | TOTAL WEIGHT (KG) | OVERALL DIMENSIONS (MM) L×W×H |
|-------|------------------------------|---------------------------|---------------------|------------|---------|-------------------|-------------------------------|
| 2473  | 17.52                        | 800-1000                  | 21000               | 55kw       | SW326S  | 22500             | 6855*3860*4300                |
| 3073  | 21.9                         | 1000-1200                 | 31000               | 55kw*2     | SW326V  | 36000             | 8085*3860*5260                |
| 3097  | 29.1                         | 1000-1500                 | 38000               | 55kw*2     | SW326V  | 60500             | 10600*3930*6500               |
| 3697  | 35.6                         | 1500-2000                 | 45000               | 75kw*2     | SW326V  | 69500             | 10600*4600*6500               |

■ In case of modifications, the actual product shall prevail.

# HIGH-FREQUENCY

## INCLINED DEWATERING SCREEN

Ultra-large pulp storage capacity, high processing capacity of mineral sand solids.



Provides a corrugated dewatering screen mesh, increasing the concentration area by 30%.

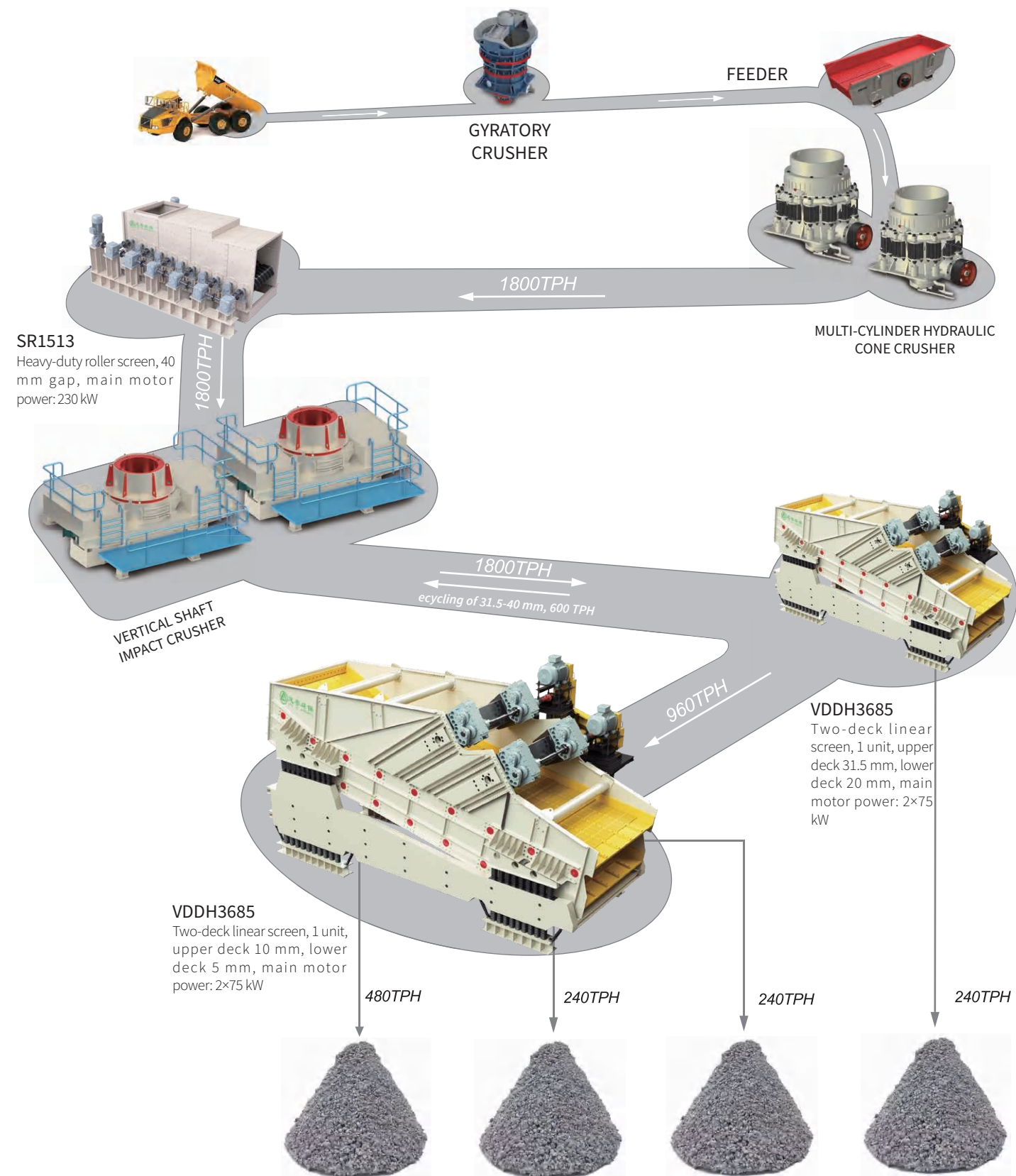
Ultra-strong high-frequency excitation force, controlling the moisture content of the material after screening and dewatering between 10% and 13%.

Can include stainless steel spray pipes for pulp dilution and classified dewatering.

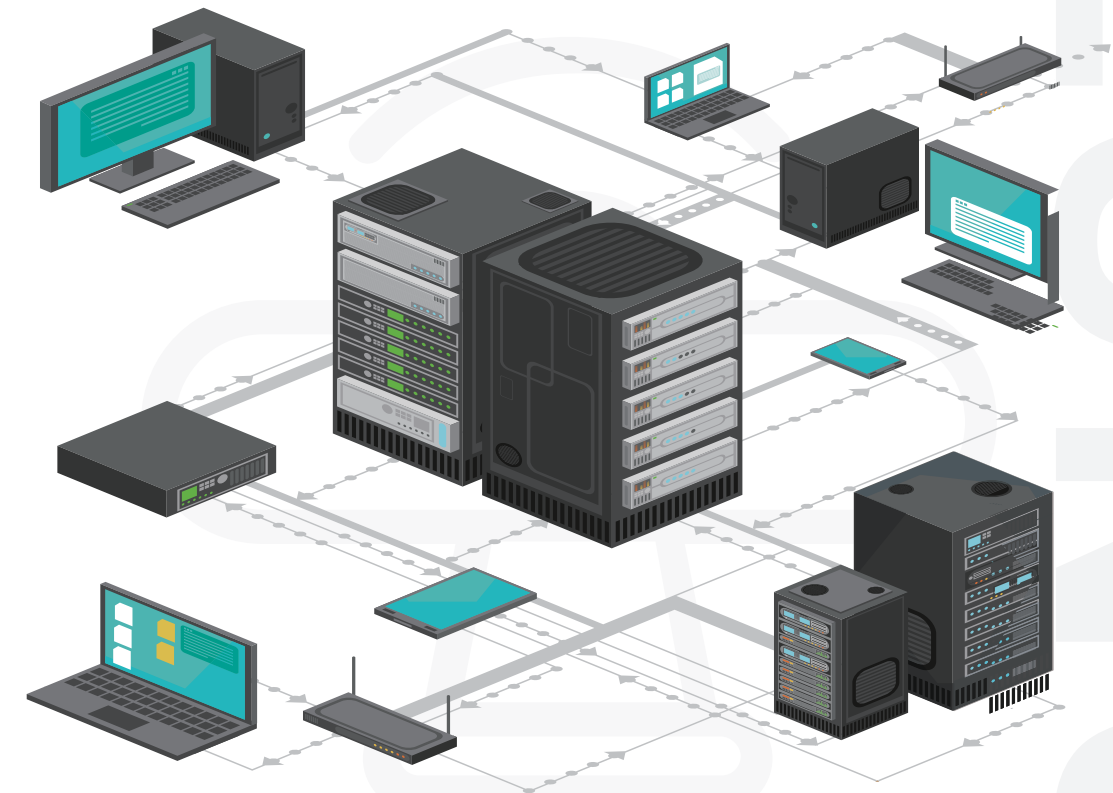
| SCREEN TYPE                                    | MODEL | SCREENING AREA (M² PER DECK) | PROCESSING CAPACITY (T/H) | VIBRATING MASS (KG) | DRIVE UNIT | EXCITER              | TOTAL WEIGHT (KG) | OVERALL DIMENSIONS (MM) L×W×H |
|------------------------------------------------|-------|------------------------------|---------------------------|---------------------|------------|----------------------|-------------------|-------------------------------|
| VSDW<br>Heavy-Duty<br>Dewatering<br>Screen     | 1861  | 11                           | 150-300                   | 7120                | 22KW       | SW317S*2             | 7800              | 6840*2520*2880                |
|                                                | 2473  | 17.5                         | 200-400                   | 11900               | 22KW       | SW326S*2             | 13200             | 7890*3190*3188                |
|                                                | 3073  | 21.9                         | 250-500                   | 14300               | 55KW       | SW326S*2             | 15790             | 7879*3900*3520                |
|                                                | 3673  | 26.3                         | 300-600                   | 15430               | 55KW       | SW326S*2             | 17020             | 7879*5410*3520                |
|                                                | 4373  | 31.2                         | 350-700                   | 20800               | 75KW       | SW326V*2             | 22000             | 8374*6330*3605                |
| VSLV<br>High-Frequency<br>Dewatering<br>Screen | 1848  | 8.6                          | 35-110                    | 5250                | 2*8.9KW    | MVE14500/15N-100A0*2 | 5400              | 5320*2600*2431                |
|                                                | 2441  | 9.8                          | 50-150                    | 5850                | 15KW       | SW317S*2             | 6450              | 4855*3220*2260                |

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## 1200T AGGREGATE PRODUCTION PROCESS FLOW DIAGRAM

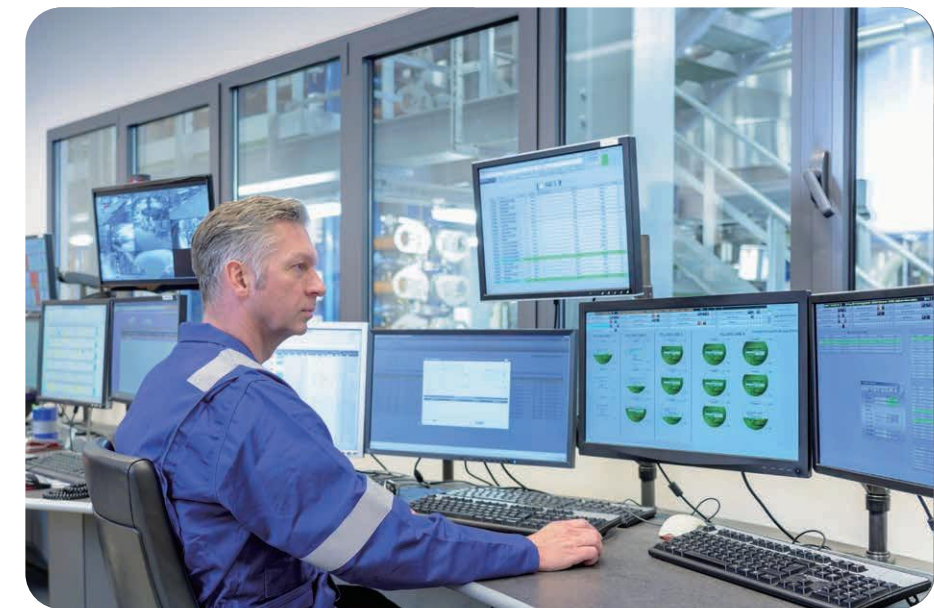


## INTELLIGENT SYSTEM MONITORING



### EQUIPMENT EQUIPPED WITH COLLECTORS

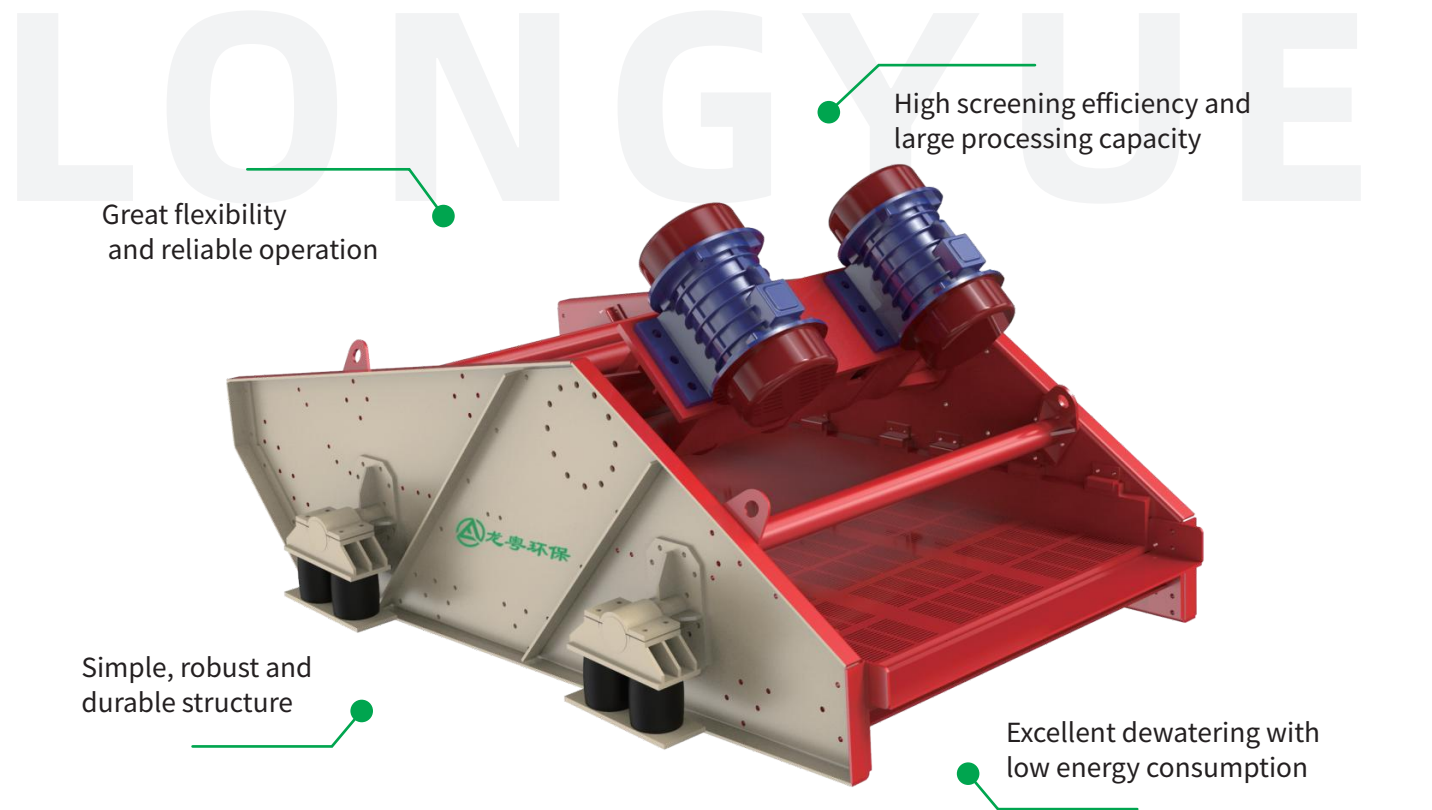
| Equipment — Collector — Upload to server — Shared data platform |



**DISPLAYED ON THE CENTRAL CONTROL CONSOLE**

**THE AMOUNT OF MATERIAL PASSING THROUGH THE SCREEN IS IMPORTANT, BUT THE SCREENING EFFICIENCY IS EVEN MORE SO.**

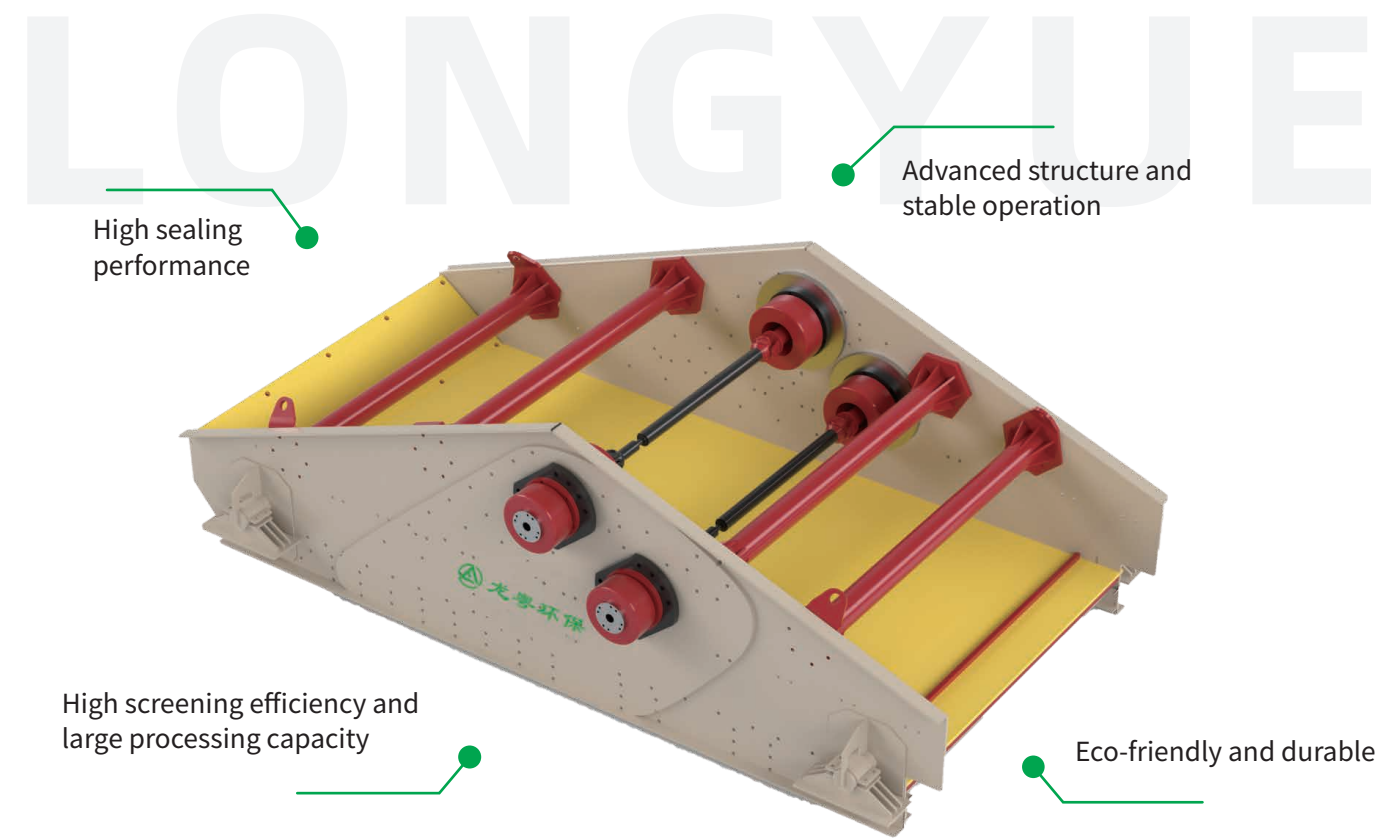
VIBRATING MOTOR DEWATERING SCREEN SERIES



| MODEL   | SCREEN MESH OPENING (MM) | SCREENING AREA (M²) | SCREEN DECK INCLINATION ANGLE (°) | COARSE/MIXED SAND PROCESSING CAPACITY (T/H) | FINE SAND PROCESSING CAPACITY (T/H) | MOTOR POWER (KW) |
|---------|--------------------------|---------------------|-----------------------------------|---------------------------------------------|-------------------------------------|------------------|
| ZZB1224 | 0.25-1                   | 3.17                | -4°-0°                            | 40-70                                       | 10-20                               | 2.2*2            |
| ZZB1535 | 0.25-2                   | 6.05                | -4°-0°                            | 50-100                                      | 20-40                               | 3.7*2            |
| ZZB1835 | 0.25-3                   | 7.26                | -4°-0°                            | 100-150                                     | 30-50                               | 5.5*2            |
| ZZB2445 | 0.25-4                   | 11.16               | -4°-0°                            | 150-200                                     | 40-60                               | 9*2              |

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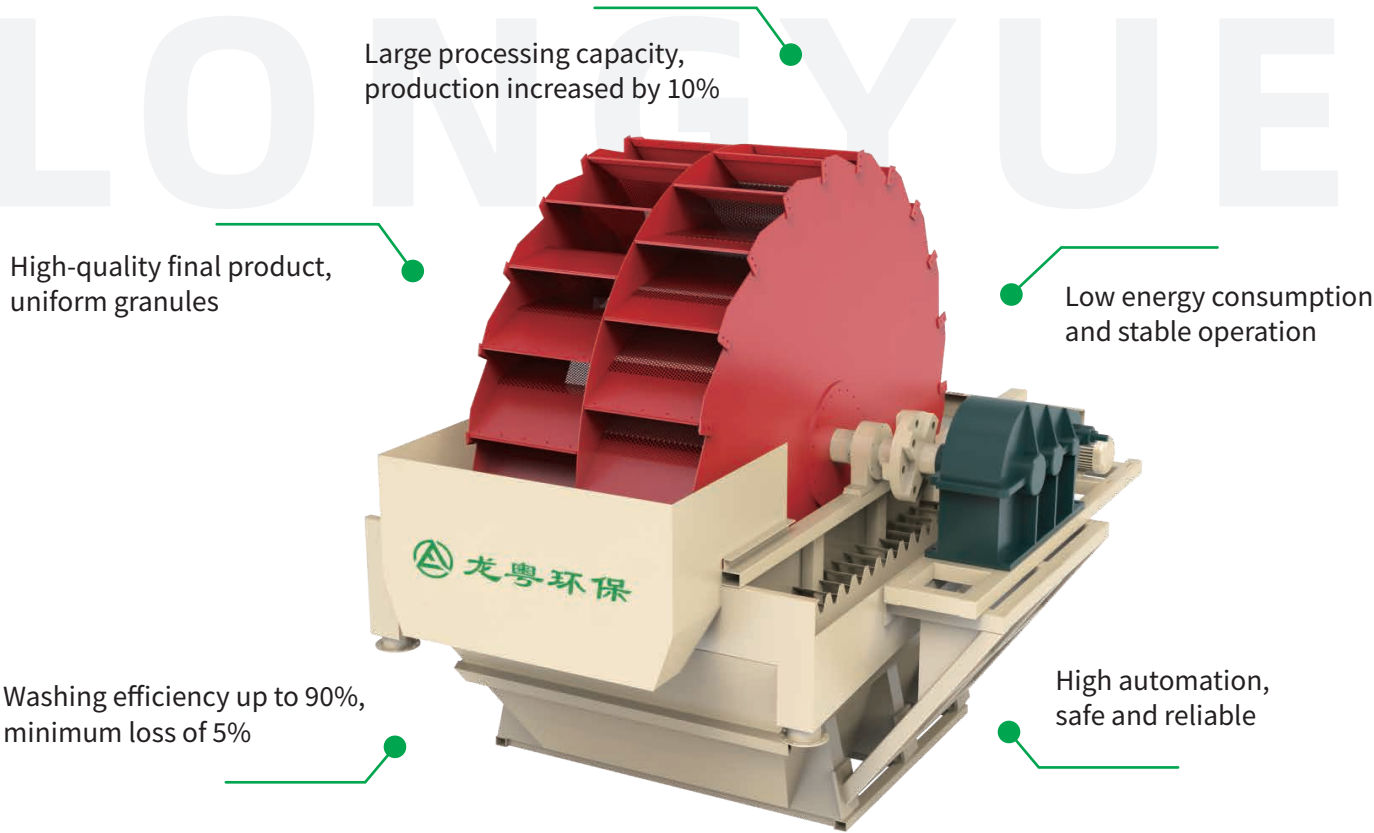
TWIN-SHAFT DEWATERING SCREEN SERIES



| MODEL   | SCREEN MESH OPENING (MM) | SCREENING AREA (M²) | SCREEN DECK INCLINATION ANGLE (°) | COARSE/MIXED SAND PROCESSING CAPACITY (T/H) | FINE SAND PROCESSING CAPACITY (T/H) | MOTOR POWER (KW) |
|---------|--------------------------|---------------------|-----------------------------------|---------------------------------------------|-------------------------------------|------------------|
| ZKB1837 | 0.25-1                   | 7.81                | -3°-0°                            | 100-150                                     | 30-50                               | 7.5*2            |
| ZKB2445 | 0.25-1                   | 11.16               | -3°-0°                            | 150-200                                     | 40-60                               | 11*2             |
| ZKB3060 | 0.25-1                   | 18.6                | -3°-0°                            | 200-300                                     | 80-100                              | 22*2             |
| ZKB3661 | 0.25-1                   | 21.96               | -3°-0°                            | 300-350                                     | 100-200                             | 30*2             |

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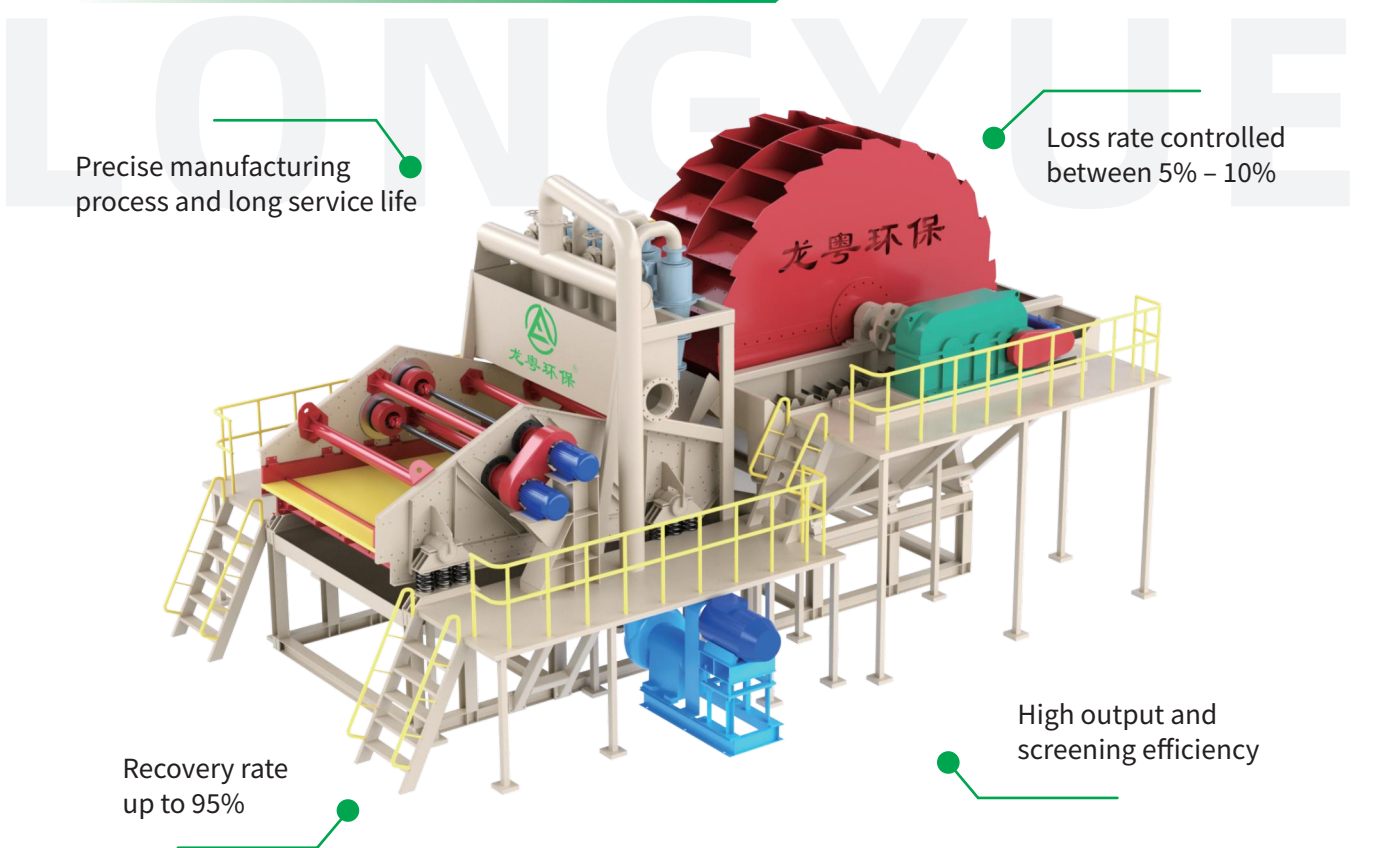
HIGH-EFFICIENCY WHEEL SAND WASHER SERIES



| MODEL   | IMPELLER WHEEL DIAMETER (MM) | WATER FLUME WIDTH (MM) | MAXIMUM FEED SIZE (MM) | ROTATION SPEED (R/MIN) | PROCESSING CAPACITY (T/H) | MOTOR POWER (KW) |
|---------|------------------------------|------------------------|------------------------|------------------------|---------------------------|------------------|
| LSY1842 | 4200                         | 1800                   | ≤10                    | 1.3-2                  | 150-250                   | 15               |
| LSY2442 | 4200                         | 2400                   | ≤10                    | 1.3-2                  | 250-350                   | 18.5             |
| LSY2450 | 5000                         | 2400                   | ≤10                    | 1.3-1.7                | 300-400                   | 22               |

■ In case of modifications, the actual product shall prevail.

INTEGRATED SAND WASHING AND RECOVERY MACHINE SERIES



| MODEL                                  | LXY150  | LXY200  | LXY300  | LXY350  | LXY400  | LXY500  |
|----------------------------------------|---------|---------|---------|---------|---------|---------|
| DRY MATERIAL PROCESSING CAPACITY (T/H) | 100-150 | 150-200 | 200-300 | 300-350 | 350-400 | 400-500 |
| WASHING WATER FLOW RATE (m³/H)         | 150-250 | 200-300 | 250-400 | 300-450 | 400-600 | 500-750 |
| FINE SAND RECOVERY RATE                | ≥95%    | ≥95%    | ≥95%    | ≥95%    | ≥95%    | ≥95%    |
| RECOVERED PARTICLE SIZE (mm)           | > 0.045 | > 0.045 | > 0.045 | > 0.045 | > 0.045 | > 0.045 |
| REFERENCE POWER (mm)                   | 65.5    | 74.5    | 123     | 142     | 180.5   | 180.5   |

■ In case of modifications, the actual product shall prevail.

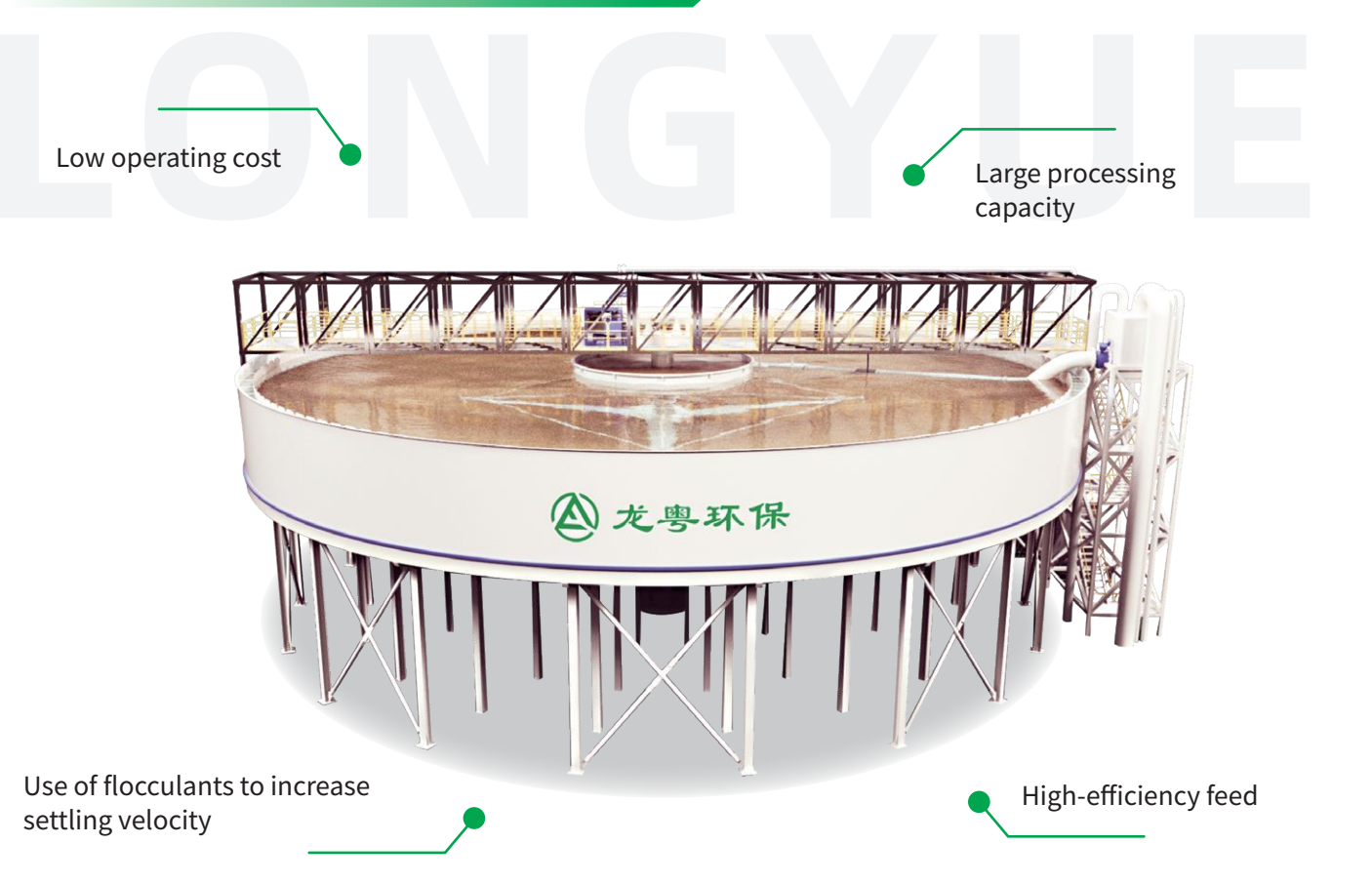
# UNPOWERED FLAT-BOTTOM THICKENER



|                         | UNF         | DESIGN BASIS                                                                                                                    |
|-------------------------|-------------|---------------------------------------------------------------------------------------------------------------------------------|
| DIAMETER (m)            | 1 - 35      | Solids handling capacity (t/h) or wastewater treatment capacity (m³/h)                                                          |
| TANK BODY HEIGHT (m)    | 3 - 22      | Hydraulic loading / Hydraulic retention time / Sedimentation zone height / Concentration zone height / Clear water layer height |
| UNDERFLOW CONCENTRATION | 25 % - 35 % | Mineral density / Sludge bed thickness / Hydraulic retention time                                                               |

■ In case of modifications, the actual product shall prevail.

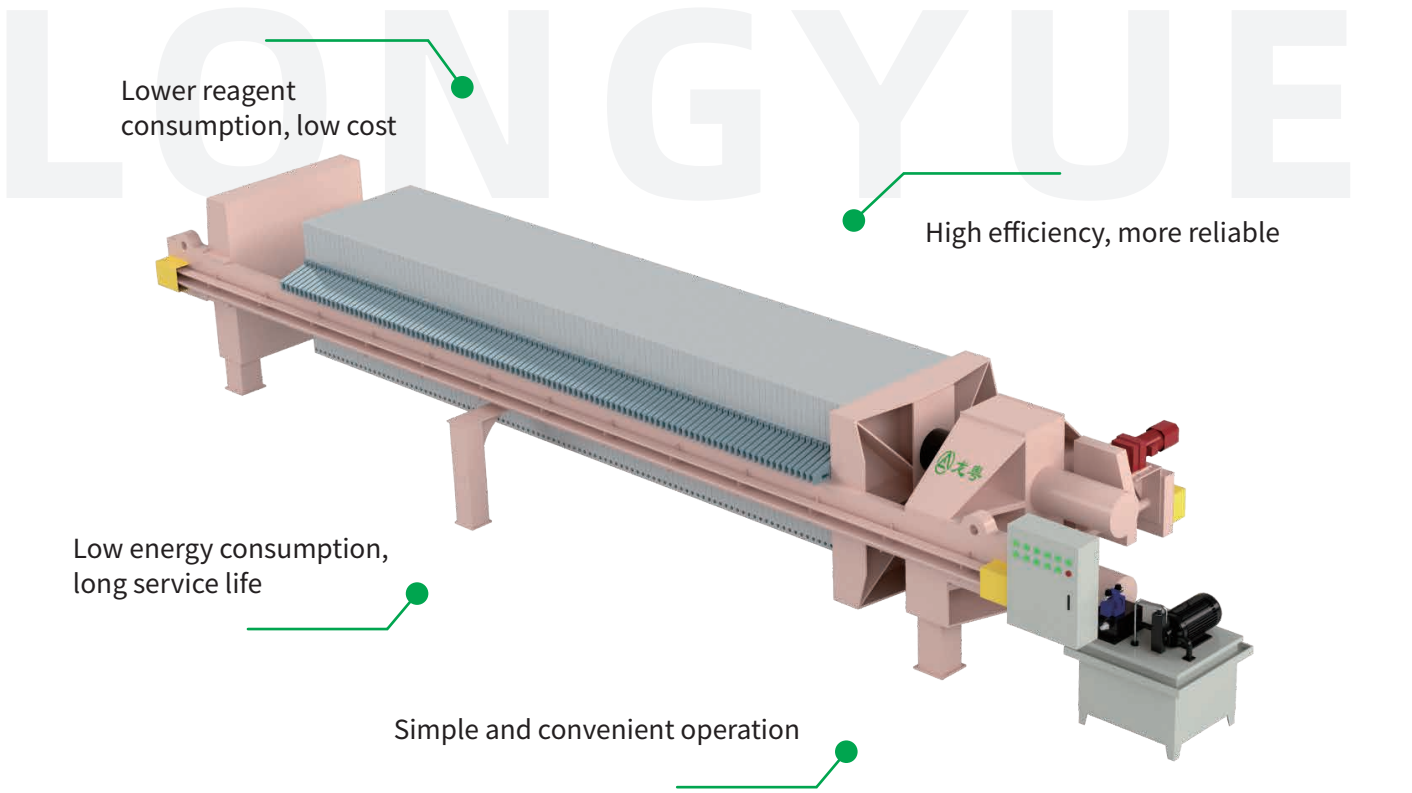
# HIGH-EFFICIENCY THICKENER



|                      | GNZ             | DESIGN BASIS                                                                                                   |
|----------------------|-----------------|----------------------------------------------------------------------------------------------------------------|
| DIAMETER (m)         | 1 - 85          | Solids processing capacity (t/h) or wastewater treatment capacity (m³/h)                                       |
| SIDE WALL HEIGHT (m) | 1.8 - 4.5       | Solids residence time / Compressed underflow layer thickness / Clarification layer depth / Geometric structure |
| TANK BOTTOM SLOPE    | 1:3 / 1:4 / 1:6 | Bottom slope depends on underflow yield stress and pulp fluidity; bottom slope affects underflow concentration |
| K FACTOR             | 20 - 70         | Underflow concentration / Yield stress / Particle size / Sludge bed thickness                                  |

■ In case of modifications, the actual product shall prevail.

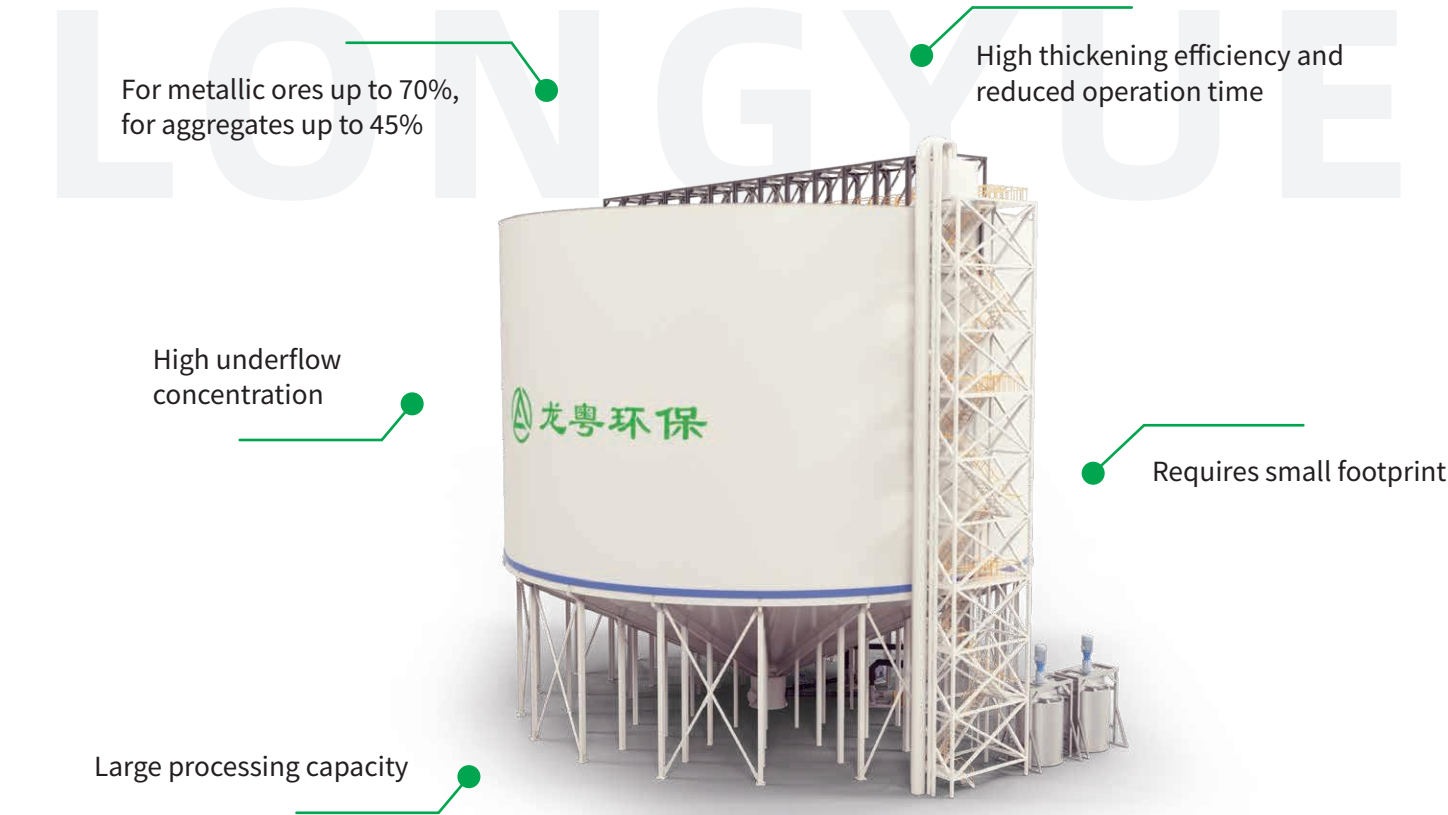
CHAMBER FILTER PRESS



| MODEL  | WORKING STROKE | CYLINDER DIAMETER (MM) | FILTRATION AREA (M²) | NUMBER OF FILTER PLATES | FILTER CHAMBER THICKNESS (MM) | FILTER CHAMBER VOLUME (M³) | FILTRATION PRESSURE (MPA) | WEIGHT (T) | OVERALL DIMENSIONS (MM)<br>L × W × H |
|--------|----------------|------------------------|----------------------|-------------------------|-------------------------------|----------------------------|---------------------------|------------|--------------------------------------|
| XMZ250 | 750            | Φ250                   | 250                  | 93                      | 40                            | 5                          | ≤0.6                      | 17.5       | 11150*2525*1660                      |
| XMZ500 | 750            | 2-Φ320                 | 500                  | 113                     | 40                            | 10                         | ≤0.8                      | 34         | 13400*3175*2050                      |
| XMZ800 | 750            | 2-Φ360                 | 800                  | 111                     | 40                            | 16                         | ≤0.8                      | 49.5       | 13570*3575*2420                      |

■ In case of modifications, the actual product shall prevail.

PULP THICKENER

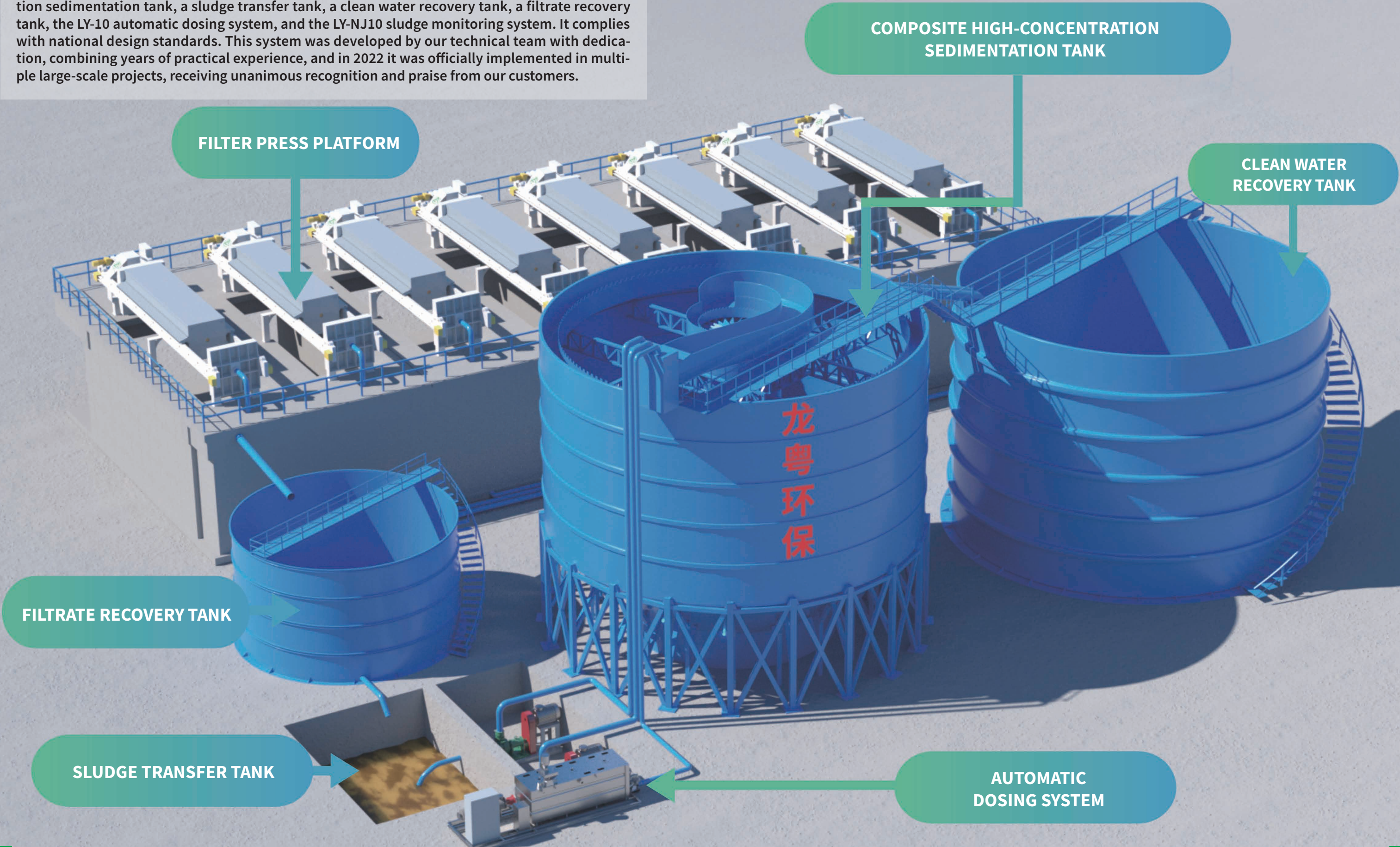


|                      | SGN          | DESIGN BASIS                                                                                                         |
|----------------------|--------------|----------------------------------------------------------------------------------------------------------------------|
| DIAMETER (m)         | 1 - 36       | Solids processing capacity (t/h) or<br>wastewater treatment capacity (m³/h)                                          |
| SIDE WALL HEIGHT (m) | 6 - 20       | Solids residence time / Compressed<br>underflow layer thickness / Clarification<br>layer depth / Geometric structure |
| TANK BOTTOM SLOPE    | 1:1.73 / 1:1 | Bottom slope depends on underflow<br>yield stress and pulp fluidity; bottom<br>slope affects underflow concentration |
| K FACTOR             | 125 - 300    | Underflow concentration / Yield stress /<br>Particle size / Sludge bed thickness                                     |

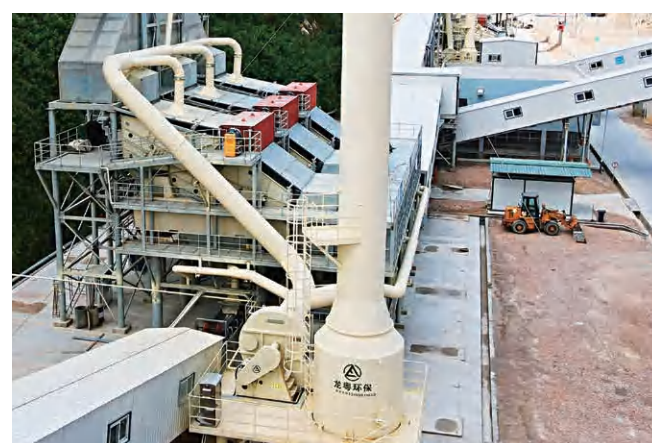
■ In case of modifications, the actual product shall prevail.

**INTELLIGENT ZERO-DISCHARGE WASTEWATER TREATMENT SYSTEM**

Longyue's intelligent wastewater treatment system is composed of a composite high-concentration sedimentation tank, a sludge transfer tank, a clean water recovery tank, a filtrate recovery tank, the LY-10 automatic dosing system, and the LY-NJ10 sludge monitoring system. It complies with national design standards. This system was developed by our technical team with dedication, combining years of practical experience, and in 2022 it was officially implemented in multiple large-scale projects, receiving unanimous recognition and praise from our customers.



## LY SERIES WET DUST COLLECTOR ON-SITE APPLICATION CASES



## THREE MAJOR EPC ADVANTAGES

Dust emission is prevented through fully enclosed production lines, supplemented with dust collection equipment, achieving compliance with environmental requirements at very low cost, while simultaneously improving the working environment and operational benefits.

**SAFETY AND ENVIRONMENTAL PROTECTION**

**PRODUCTION CAPACITY IMPROVEMENT**

By upgrading the equipment in the crushing, screening and sand production stages of the existing production line, using multiple units in coordinated operation, capacity and efficiency are increased, improving the quality and uniformity of the final product.

**RISK REDUCTION**

The contractor is responsible for aggregate solution design, equipment procurement, installation and commissioning; all risks during the process are assumed by the contractor, reasonably transferring the owner's risks.

THREE MAJOR EPC ADVANTAGES

## SOLUTION PROCESS

**MAKE A REQUEST**



**REQUIREMENT DETERMINATION**

Our technical staff communicates with the client in detail, carefully recording and analyzing the actual production requirements, and providing solution recommendations.

**ON-SITE INSPECTION**



An inspection is conducted at the client's production site, eliminating possible misunderstandings and overcoming geographical difficulties to implement a concrete execution plan.

**PLANNING AND DESIGN**

After defining the collaboration plan, a complete set of custom production equipment is designed and manufactured, ensuring full compliance with the client's production requirements.

**INSTALLATION AND COMMISSIONING**



Once the equipment is manufactured, a professional team is sent for installation and technical personnel for commissioning.

**LIFETIME AFTER-SALES SERVICE**



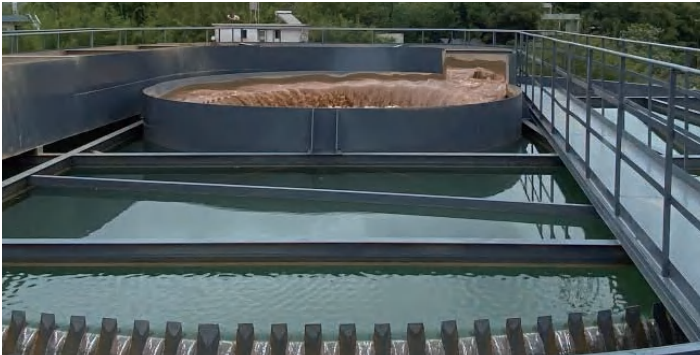
Training is provided to the client on equipment operation and maintenance, ensuring their complete proficiency, with follow-up and periodic visits.

## TURNKEY EPC SERVICE MODEL

EPC (Engineering, Procurement and Construction) refers to the total contracting of a project, also known as a "turnkey" project. Longyue Environmental is dedicated to the comprehensive contracting of aggregate production lines for green mines, specializing in the construction of high-quality sand and gravel production lines with a capacity of 100 to 5,000 tons per day. We have professional construction and installation teams, carefully controlling every stage, from mining equipment, plan design, project construction to installation and commissioning, ensuring deadline compliance for the client. Investment is saved, quality and quantity are guaranteed, and management and operation are facilitated.



| PROJECT NAME                 | POWERCHINA ROAD & BRIDGE GROUP THICKENER PROJECT                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processing capacity per hour | Sludge treatment capacity per unit: 25,000 m <sup>3</sup> /h, dry sludge output: 315 t/h.                                                                                                                                                                                                                                                                                                                                                                                                  |
| Material processed           | 1) Sludge treatment capacity per unit: >5000 m <sup>3</sup> /h, dry sludge output: 315 t/h;<br>2) Overflow water turbidity: <100 ppm, flocculant consumption: <50 g/t of dry sludge;<br>3) Underflow solids concentration: >40%;<br>4) Equipped with inlet flow meter, overflow turbidity meter and underflow sludge level detection system integrated into automatic control;<br>5) Steel structure thickener tank: wall thickness >12 mm;<br>6) Dry sludge (cake) moisture content: ≤25% |
| Equipment configuration      | 35-HRT-500 high-efficiency thickener units.                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Dimensions (mm)              | Diameter: 35,000 mm, Side panel depth: 4,000 mm, Bottom cone depth: 7,320 mm, Cone angle: 18.4°, Liquid level height: 11,120 mm                                                                                                                                                                                                                                                                                                                                                            |



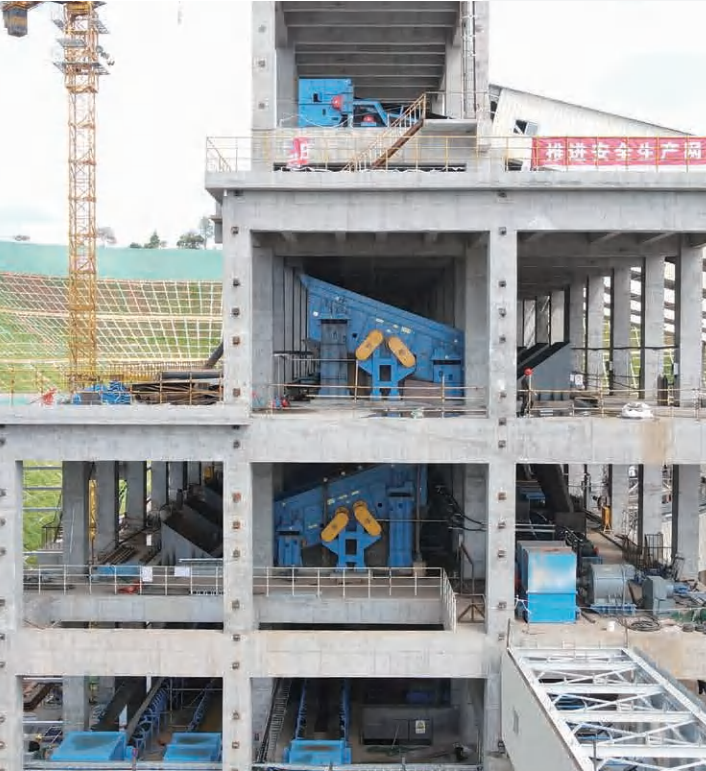
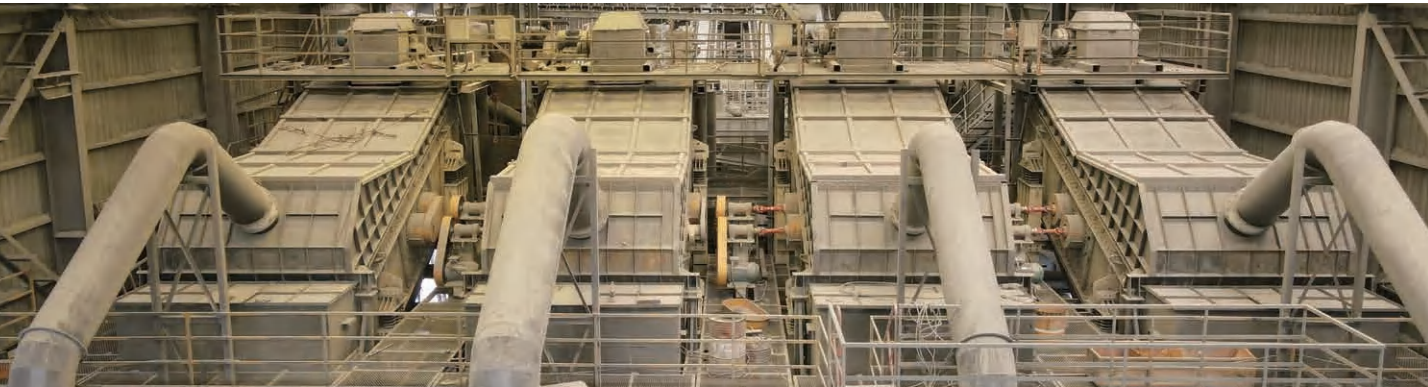
| PROJECT NAME                 | GUANGDONG PROJECT WASTEWATER TREATMENT                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processing capacity per hour | Sludge treatment capacity per unit: >5,000 m <sup>3</sup> /h, dry sludge output: 250 t/h.                                                                                                                                                                                                                                                                                                                                                    |
| Material processed           | 1) Sludge treatment capacity for complete plant: >5,000 m <sup>3</sup> /h, dry sludge output: 250 t/h;<br>2) Overflow water turbidity: 100 ppm, flocculant consumption: ≤ 100 g/t of dry sludge;<br>3) Underflow solids concentration: >30%;<br>4) Equipped with inlet flow meter, overflow turbidity meter and underflow sludge bed detection system integrated into automatic control;<br>5) Pressed sludge (cake) moisture content: ≤30%. |
| Equipment configuration      | Wastewater tanks: 16 m × 2 units, Clean water tank: 16 m × 1 unit, Filtrate tank: 8 m × 1 unit, Chamber filter presses: 500 m <sup>2</sup> × 8 units                                                                                                                                                                                                                                                                                         |
| Dimensions (mm)              | Diameter 16,000 mm, total height 14,700 mm, side panel depth 9,000 mm, bottom cone depth 5,700 mm                                                                                                                                                                                                                                                                                                                                            |

| PROJECT NAME                 | POWERCHINA ROAD & BRIDGE CONSTRUCTION PROJECT                                                                                                                                                                                   |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processing capacity per hour | ≥500 tph/unit                                                                                                                                                                                                                   |
| Material processed           | Dry screening process for granite, with a double-deck screen. The screen openings, from top to bottom, are 40 mm, 15 mm and 5 mm. The material comes from secondary and tertiary crushing, with a maximum feed size of ≤ 80 mm. |
| Operating conditions         | Final product classification                                                                                                                                                                                                    |
| Equipment configuration      | 4 units of triple-deck circular vibrating screen model 3YK3682.                                                                                                                                                                 |
| Dimensions (mm)              | 8370 × 5878 × 5799 (L × W × H)                                                                                                                                                                                                  |



| PROJECT NAME                 | JIANGMEN PROJECT                                                                                                                                                                                          |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processing capacity per hour | 2000-2800 tph/unit                                                                                                                                                                                        |
| Material processed           | Diabase, dry screening with double-deck screen, with screen openings of 31.5 mm and 20 mm from top to bottom. The feed material is classified into three final products: >31.5 mm, 31.5–20 mm and <20 mm. |
| Operating conditions         | Final product screening                                                                                                                                                                                   |
| Equipment configuration      | VDBB4397 — 1 unit of double-deck banana vibrating screen                                                                                                                                                  |
| Dimensions (mm)              | 11100 × 5250 × 6270 (L × W × H)                                                                                                                                                                           |

| PROJECT NAME                 | PROYECTO EN XINJIANG                                                                                                                                                                                               |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processing capacity per hour | ≥500 tph/unit                                                                                                                                                                                                      |
| Material processed           | Diabase, dry and wet screening. Two-deck screens will be installed, with opening sizes from top to bottom (mm): 40 / 15 / 5 mm for medium and fine crushed material. For wet screening, mesh sizes: 10 / 5 / 3 mm. |
| Operating conditions         | Final product screening.                                                                                                                                                                                           |
| Equipment configuration      | 7 units of double-deck circular vibrating screen, model 2YK3075                                                                                                                                                    |
| Dimensions (mm)              | 8370 × 5878 × 5799 (L × W × H)                                                                                                                                                                                     |



| NOMBRE DEL PROYECTO                 | PROYECTO EN GUANGDONG                                                                                                                                                                                                             |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Capacidad de procesamiento por hora | ≥935tph/unidad                                                                                                                                                                                                                    |
| Material procesado                  | Granito, cribado en húmedo, con material proveniente del descarte de trituración media y fina, con un rango de tamaño de partículas de0-120 mm.Se instalarán tres mallas de cribado, con tamaños de apertura dearriba hacia abajo |
| Condiciones de                      | Cribado del producto final en una sola pasada                                                                                                                                                                                     |
| Configuración de equi-              | 24 cribas vibratorias circulares 3YK3678, 3 capas.                                                                                                                                                                                |
| Medidas (mm)                        | 7707x5627x4665(LxA×H)                                                                                                                                                                                                             |

| NOMBRE DEL PROYECTO                 | PROYECTO EN GUANGDONG                                                                                                                                                                                                        |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Capacidad de procesamiento por hora | ≥450tph/unidad                                                                                                                                                                                                               |
| Material procesado                  | Granito, cribado en húmedo, con material proveniente de cribado superior, con un rango de tamaño de partículas de 0-30 mm.Se instalarán cribas de dos capas, con tamaños de apertura de arriba hacia abajo de 10 / 5 / 3 mm. |
| Condiciones de                      | Cribado de producto final en segunda pasada                                                                                                                                                                                  |
| Configuración de equi-              | 24 cribas vibratorias circulares de tres capas, modelo 3YK3075.                                                                                                                                                              |
| Medidas (mm)                        | 7700x5428x3988 (L×A×H)                                                                                                                                                                                                       |



| PROJECT NAME                 | GUANGDONG PROJECT                                                                                                                                                                                   |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processing capacity per hour | 2000-2800 tph/unit                                                                                                                                                                                  |
| Material processed           | Granite, dry screening, with material from vertical shaping machine, with a particle size range of 0-40 mm. Two-deck screens will be installed, with opening sizes from top to bottom of 10 / 5 mm. |
| Operating conditions         | Final product screening.                                                                                                                                                                            |
| Equipment configuration      | 4 units of triple-deck circular vibrating screen, model                                                                                                                                             |
| Dimensions (mm)              | 7707 × 4925 × 4665 (L × W × H)                                                                                                                                                                      |

| PROJECT NAME                 | POWERCHINA COMPANY                                                                                                                                                                                                                                                                                                                             |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processing capacity per hour | 1970 tph/unit                                                                                                                                                                                                                                                                                                                                  |
| Material processed           | Granite, dry screening, feed material is medium and fine crushed ore (<120 mm). Single-stage screening operation, wet screening: oversize material (>26.5 mm) is returned to fine crushing, forming a closed circuit; 16–25 mm material is directly produced as product; undersize material (<16 mm) enters the secondary screening operation. |
| Operating conditions         | Final product screening                                                                                                                                                                                                                                                                                                                        |
| Equipment configuration      | VDB4385 — 8 units of double-deck banana screens                                                                                                                                                                                                                                                                                                |
| Dimensions (mm)              | 9541 × 5200 × 5450 (L × W × H)                                                                                                                                                                                                                                                                                                                 |



| PROJECT NAME                 | RUSSIA PROJECT                                                                                                                                                                                                                                                                                                                                                                      |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processing capacity per hour | ≥2500 tph/unit                                                                                                                                                                                                                                                                                                                                                                      |
| Material processed           | Granite, gravel washing screen for 5mm~16mm and 16mm~25mm, with a planned mesh size of 2mm (adjustable later according to the dewatering and dedusting effect of the gravel product). The gravel retained on the screen is transported directly to the dock by conveyor belt for loading, while the wastewater with dust from the undersize material is recovered by the equipment. |
| Operating conditions         | Final product screening                                                                                                                                                                                                                                                                                                                                                             |
| Equipment configuration      | VSDH4395 — 4 large linear screens                                                                                                                                                                                                                                                                                                                                                   |
| Dimensions (mm)              | 8955 × 5200 × 5270 (L × W × H)                                                                                                                                                                                                                                                                                                                                                      |

| PROJECT NAME                 | POWERCHINA GUANGNING MINING PROJECT                                                                                                                                                                                                                                                    |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processing capacity per hour | 970-1200 tph/unit                                                                                                                                                                                                                                                                      |
| Material processed           | Granite, dry screening with three decks of screen, intended to classify gravel smaller than 30 mm. The mesh size of the decks, from top to bottom, is 20 mm, 10 mm and 5 mm. The feed material is classified into four final products: 30 mm–20 mm, 20 mm–10 mm, 10 mm–5 mm and <5 mm. |
| Operating conditions         | Final product screening                                                                                                                                                                                                                                                                |
| Equipment configuration      | VTDH3697 — 4 large three-deck linear screens                                                                                                                                                                                                                                           |
| Dimensions (mm)              | 10575 × 4600 × 5500 (L × W × H)                                                                                                                                                                                                                                                        |



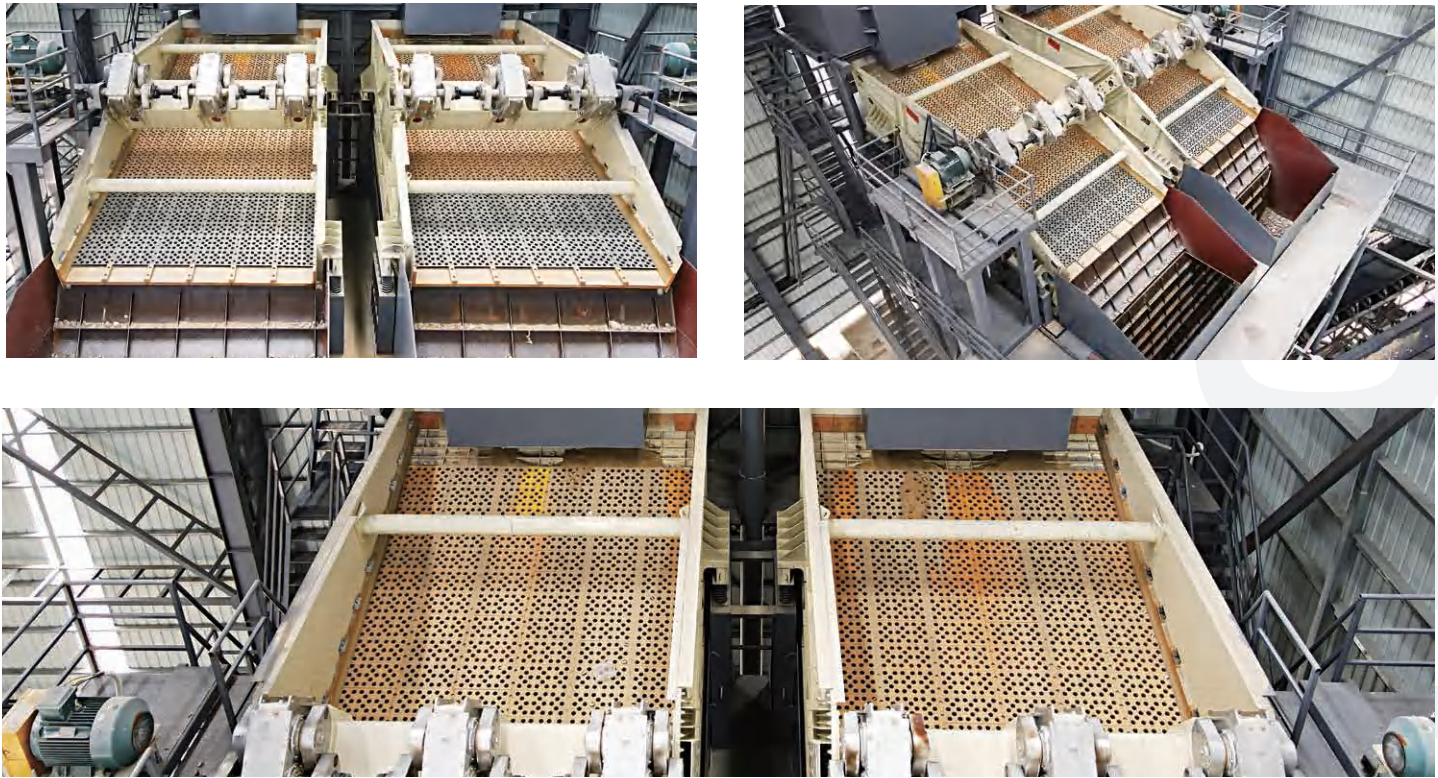
| PROJECT NAME                 | JIANGMEN, GUANGDONG – SCREENING SECTION FOR SLUDGE REMOVAL                                                                                                                                                                                                                                                                                                                               |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processing capacity per hour | ≥2500 tph/unit                                                                                                                                                                                                                                                                                                                                                                           |
| Material processed           | Granite, gravel washing screen for 5 mm~16 mm and 16 mm~25 mm, with a planned mesh size of 2 mm (adjustable later according to the dewatering and dedusting effect of the gravel product). The gravel retained on the screen is transported directly to the dock by conveyor belt for loading, while the wastewater with dust from the undersize material is recovered by the equipment. |
| Operating conditions         | Final product screening                                                                                                                                                                                                                                                                                                                                                                  |
| Equipment configuration      | VSDH4395 — 4 large linear screens                                                                                                                                                                                                                                                                                                                                                        |
| Dimensions (mm)              | 8955 × 5200 × 5270 (L × W × H)                                                                                                                                                                                                                                                                                                                                                           |

| PROJECT NAME                 | GUANGDONG PROJECT<br>— RECIRCULATION SCREENING SECTION                                                                                                                                                                                                    |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processing capacity per hour | 1200-1600 tph/unit                                                                                                                                                                                                                                        |
| Material processed           | The feed material is finely crushed ore. Second-stage screening operation, dry screening: oversize material (>26.5 mm) is returned to fine crushing, forming a closed circuit; undersize material (<26.5 mm) enters the second-stage screening operation. |
| Operating conditions         | Recirculation screening                                                                                                                                                                                                                                   |
| Equipment configuration      | VDDH3685 — 12 units of double-deck linear screens                                                                                                                                                                                                         |
| Dimensions (mm)              | 8970 × 4600 × 6300 (L × W × H)                                                                                                                                                                                                                            |



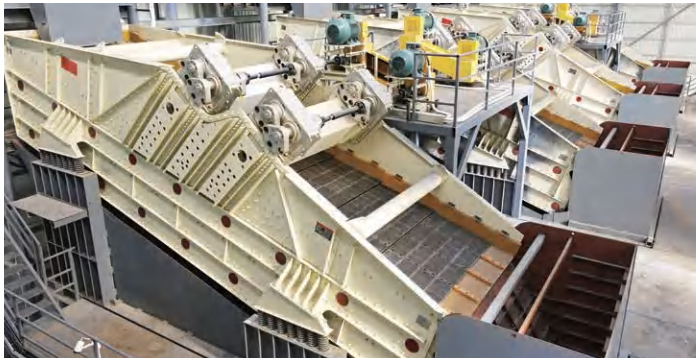
| PROJECT NAME                 | RUSSIA PROJECT<br>— FINAL PRODUCT SCREENING SECTION                                                                                                                                                  |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processing capacity per hour | 1200-1600 tph/unit                                                                                                                                                                                   |
| Material processed           | Granite, dry screening with double-deck screen, with mesh sizes of 10 mm and 5 mm, from top to bottom. The feed material is classified into three final products: 26 mm–10 mm, 10 mm–5 mm and <5 mm. |
| Operating conditions         | Recirculation screening                                                                                                                                                                              |
| Equipment configuration      | VDDH3685 — 18 units of double-deck linear screens                                                                                                                                                    |
| Dimensions (mm)              | 8970 × 4600 × 6300 (L × W × H)                                                                                                                                                                       |

| PROJECT NAME                 | GUANGDONG MINING PROJECT<br>— FINAL PRODUCT SCREENING AND WASHING SECTION                                                                                                                            |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processing capacity per hour | 1200-1600 tph/unit                                                                                                                                                                                   |
| Material processed           | Granite, wet screening with double-deck screen, with mesh sizes of 10 mm and 5 mm, from top to bottom. The feed material is classified into three final products: 26 mm–10 mm, 10 mm–5 mm and <5 mm. |
| Operating conditions         | Recirculation screening                                                                                                                                                                              |
| Equipment configuration      | VDDH3697 — 4 units of double-deck linear screens                                                                                                                                                     |
| Dimensions (mm)              | 10990 × 4600 × 6690 (L × W × H)                                                                                                                                                                      |



| PROJECT NAME                 | MALAYSIA MINING PROJECT<br>— SCREENING SECTION FOR SLUDGE REMOVAL                                                                                                                                               |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processing capacity per hour | 970-1200 tph/unit                                                                                                                                                                                               |
| Material processed           | Granite, single-stage screening operation, dry screening, feed material ≤180 mm. Oversize material (>12 mm) is sent to medium crushing; undersize material (<12 mm) is discharged to the sludge and fines area. |
| Operating conditions         | Sludge screening                                                                                                                                                                                                |
| Equipment configuration      | VDDH3673 — 2 units of double-deck linear screens                                                                                                                                                                |
| Dimensions (mm)              | 8125 × 4590 × 4830 (L × W × H)                                                                                                                                                                                  |

| PROJECT NAME                 | MALAYSIA MINING PROJECT<br>— RECIRCULATION SCREENING SECTION                                                                                                                                                                                              |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processing capacity per hour | 1200-1600 tph/unit                                                                                                                                                                                                                                        |
| Material processed           | The feed material is finely crushed ore. Second-stage screening operation, dry screening: oversize material (>26.5 mm) is returned to fine crushing, forming a closed circuit; undersize material (<26.5 mm) enters the second-stage screening operation. |
| Operating conditions         | Recirculation screening                                                                                                                                                                                                                                   |
| Equipment configuration      | VDDH3697 — 4 units of double-deck linear screens                                                                                                                                                                                                          |
| Dimensions (mm)              | 10990 × 4600 × 6690 (L × W × H)                                                                                                                                                                                                                           |



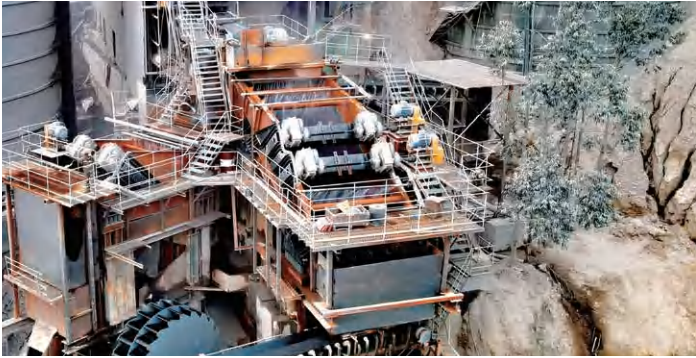
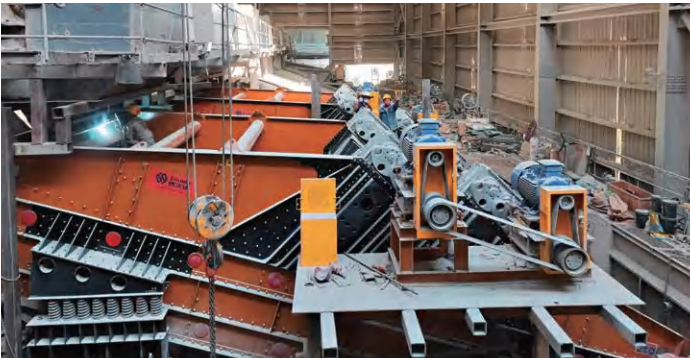
| PROJECT NAME                 | GUANGDONG MINING PROJECT<br>— FINAL PRODUCT SCREENING SECTION                                                                                                                                        |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processing capacity per hour | 970-1200 tph/unit                                                                                                                                                                                    |
| Material processed           | Granite, dry screening with double-deck screen, with mesh sizes of 10 mm and 5 mm, from top to bottom. The feed material is classified into three final products: 26 mm–10 mm, 10 mm–5 mm and <5 mm. |
| Operating conditions         | Recirculation screening                                                                                                                                                                              |
| Equipment configuration      | VDDH3097 — 4 units of double-deck linear screens                                                                                                                                                     |
| Dimensions (mm)              | 10550 × 3960 × 4700 (L × W × H)                                                                                                                                                                      |

| PROJECT NAME                 | QINGYUAN MINING PROJECT                                                                                                                                                                              |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processing capacity per hour | 1200-1500 tph/unit                                                                                                                                                                                   |
| Material processed           | Granite, dry screening with double-deck screen, with mesh sizes of 10 mm and 5 mm, from top to bottom. The feed material is classified into three final products: 26 mm–10 mm, 10 mm–5 mm and <5 mm. |
| Operating conditions         | Recirculation screening                                                                                                                                                                              |
| Equipment configuration      | VDDH4385 — 4 units of double-deck linear screens                                                                                                                                                     |
| Dimensions (mm)              | 9541 × 5200 × 5450 (L × W × H)                                                                                                                                                                       |



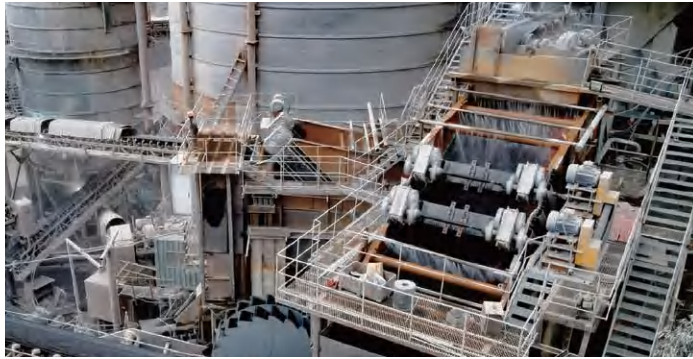
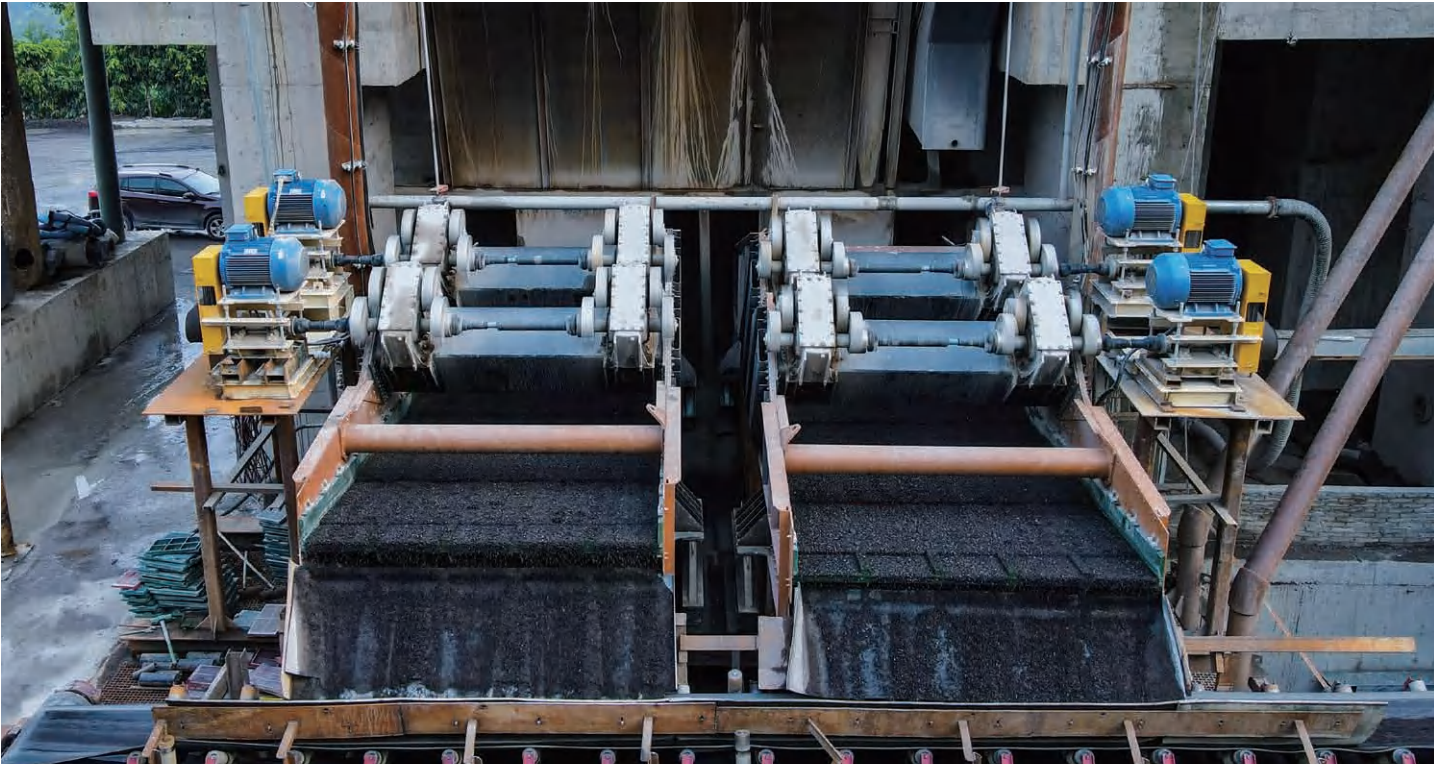
| PROJECT NAME                 | TAISHENG MINING PROJECT IN JIANGMEN                                                                                                                                                                          |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processing capacity per hour | 970-1200 tph/unit                                                                                                                                                                                            |
| Material processed           | Granite, dry screening for partially crushed material, feed material ≤180 mm. Oversize material (>10 mm) is sent to medium crushing; undersize material (<10 mm) is discharged to the sludge and fines area. |
| Operating conditions         | Sludge screening, with upper deck mesh of 50 mm and lower deck mesh of 10 mm.                                                                                                                                |
| Equipment configuration      | VDBB3673 — 2 units of double-deck banana vibrating                                                                                                                                                           |
| Dimensions (mm)              | 8125 × 4590 × 4830 (L × W × H)                                                                                                                                                                               |

| PROJECT NAME                 | GUANGDONG MINING PROJECT                                                                                                                                                                             |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processing capacity per hour | 1200-1600 tph/unit                                                                                                                                                                                   |
| Material processed           | Granite, dry screening with double-deck screen, with mesh sizes of 10 mm and 5 mm, from top to bottom. The feed material is classified into three final products: 26 mm–10 mm, 10 mm–5 mm and <5 mm. |
| Operating conditions         | Final product screening with wet washing                                                                                                                                                             |
| Equipment configuration      | VDDH3697 — 6 units of double-deck linear screens                                                                                                                                                     |
| Dimensions (mm)              | 10990 × 4600 × 6690 (L × W × H)                                                                                                                                                                      |



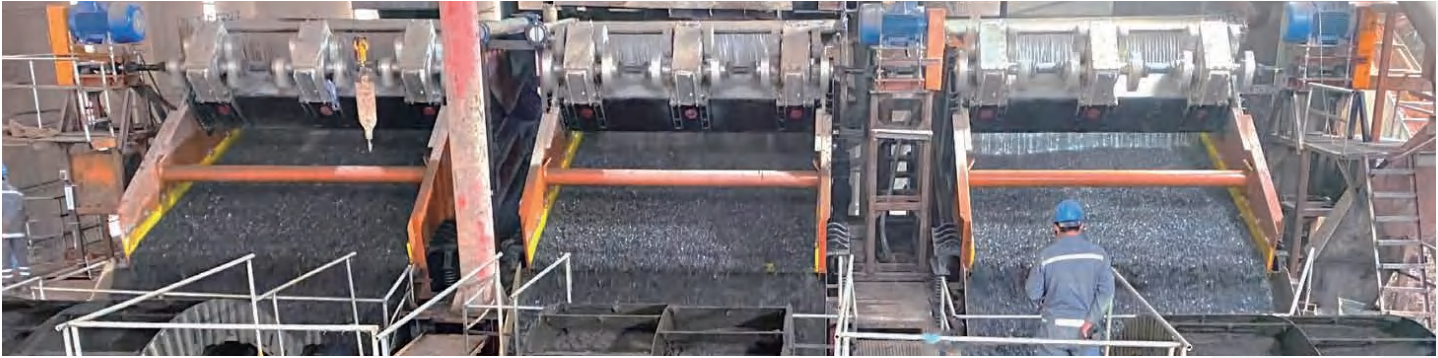
| PROJECT NAME                 | KAZAKHSTAN PROJECT<br>— FINAL PRODUCT SCREENING AND WASHING SECTION                                                                                                                                                                                                                                                                                                                                         |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processing capacity per hour | 970-1200 tph/unit                                                                                                                                                                                                                                                                                                                                                                                           |
| Material processed           | Granite, wet screening for washing crushed stone from 5 mm to 16 mm and from 16 mm to 25 mm. The mesh size is planned at 2 mm (adjustable later according to the dewatering and fines removal effect of the product). The material retained on the screen is transported directly to the port by conveyor belt for ship loading, while the wastewater with fines is recovered through the treatment system. |
| Operating conditions         | Final product screening and washing                                                                                                                                                                                                                                                                                                                                                                         |
| Equipment configuration      | VDDH3697 — 6 units of double-deck linear screens                                                                                                                                                                                                                                                                                                                                                            |
| Dimensions (mm)              | 10990 × 4600 × 6690 (L × W × H)                                                                                                                                                                                                                                                                                                                                                                             |

| PROJECT NAME                 | GUANGDONG PROJECT                                                                                                                                                                                                                           |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processing capacity per hour | 300-500 tph/unit                                                                                                                                                                                                                            |
| Material processed           | Granite from 0 to 10 mm. The upper deck separates material ≥ 5 mm, which is returned to the rod mill for reprocessing. The lower deck retains material <5 mm, which undergoes a dewatering process and is then discharged as final product. |
| Operating conditions         | Recirculation screening with washing and dewatering                                                                                                                                                                                         |
| Equipment configuration      | VDDH3697 — 6 units of double-deck linear screens                                                                                                                                                                                            |
| Dimensions (mm)              | 6200 × 3200 × 4428 (L × W × H)                                                                                                                                                                                                              |



| PROJECT NAME                 | XINJIANG PROJECT                                                                                                                                                                                                                                                                                                                                                                                     |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processing capacity per hour | 970-1200 tph/unit                                                                                                                                                                                                                                                                                                                                                                                    |
| Material processed           | Granite, wet screening for washing crushed stone from 5 mm to 16 mm and from 16 mm to 25 mm. A mesh size of 2 mm is planned (adjustable later according to the dewatering and fines removal effect of the product). The material retained on the screen is transported directly to the port by conveyor belt for loading, while the wastewater with fines is recovered through the treatment system. |
| Operating conditions         | Final product screening and washing                                                                                                                                                                                                                                                                                                                                                                  |
| Equipment configuration      | VDDH3697 — 6 units of double-deck linear screens                                                                                                                                                                                                                                                                                                                                                     |
| Dimensions (mm)              | 10990 × 4600 × 6690 (L × W × H)                                                                                                                                                                                                                                                                                                                                                                      |

| PROJECT NAME                 | KAZAKHSTAN PROJECT                                                                                                                                                                                  |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processing capacity per hour | 970-1200 tph/unit                                                                                                                                                                                   |
| Material processed           | Granite, dry screening with double-deck screen, with mesh sizes of 10 mm and 5 mm from top to bottom. The feed material is classified into three final products: 26 mm–10 mm, 10 mm–5 mm and <5 mm. |
| Operating conditions         | Final product screening                                                                                                                                                                             |
| Equipment configuration      | VDDH3673 — 4 units of double-deck linear screens                                                                                                                                                    |
| Dimensions (mm)              | 8125 × 4590 × 4830 (L × W × H)                                                                                                                                                                      |



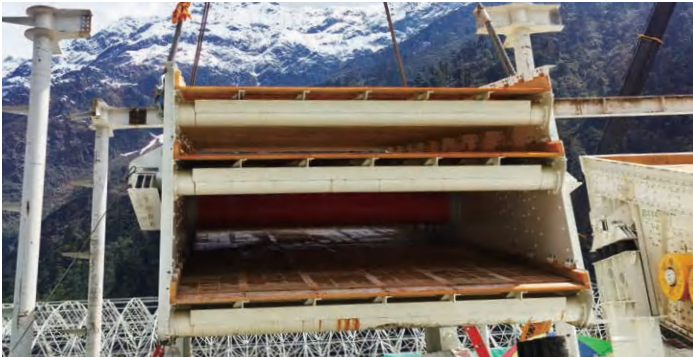
| PROJECT NAME                 | KAZAKHSTAN PROJECT                                                                                                                                                                                   |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processing capacity per hour | 970-1200 tph/unit                                                                                                                                                                                    |
| Material processed           | Granite, primary dry screening operation, with feed material ≤180 mm. Oversize material (>12 mm) is sent to medium crushing; undersize material (<12 mm) is discharged to the sludge and fines area. |
| Operating conditions         | Sludge screening                                                                                                                                                                                     |
| Equipment configuration      | VDDH3673 — 3 units of double-deck linear screens                                                                                                                                                     |
| Dimensions (mm)              | 8125 × 4590 × 4830 (L × W × H)                                                                                                                                                                       |

| PROJECT NAME                 | RUSSIA PROJECT                                                                                                                                                                                                                                                                                                                                                                                       |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processing capacity per hour | 1500-2200 tph/unit                                                                                                                                                                                                                                                                                                                                                                                   |
| Material processed           | Granite, wet screening for washing crushed stone from 5 mm to 16 mm and from 16 mm to 25 mm. A mesh size of 2 mm is planned (adjustable later according to the dewatering and fines removal effect of the product). The material retained on the screen is transported directly to the port by conveyor belt for loading, while the wastewater with fines is recovered through the treatment system. |
| Operating conditions         | Final product screening and washing                                                                                                                                                                                                                                                                                                                                                                  |
| Equipment configuration      | SLW3673 — 1 unit of double-deck linear screen                                                                                                                                                                                                                                                                                                                                                        |
| Dimensions (mm)              | 8125 × 4590 × 4830 (L × W × H)                                                                                                                                                                                                                                                                                                                                                                       |



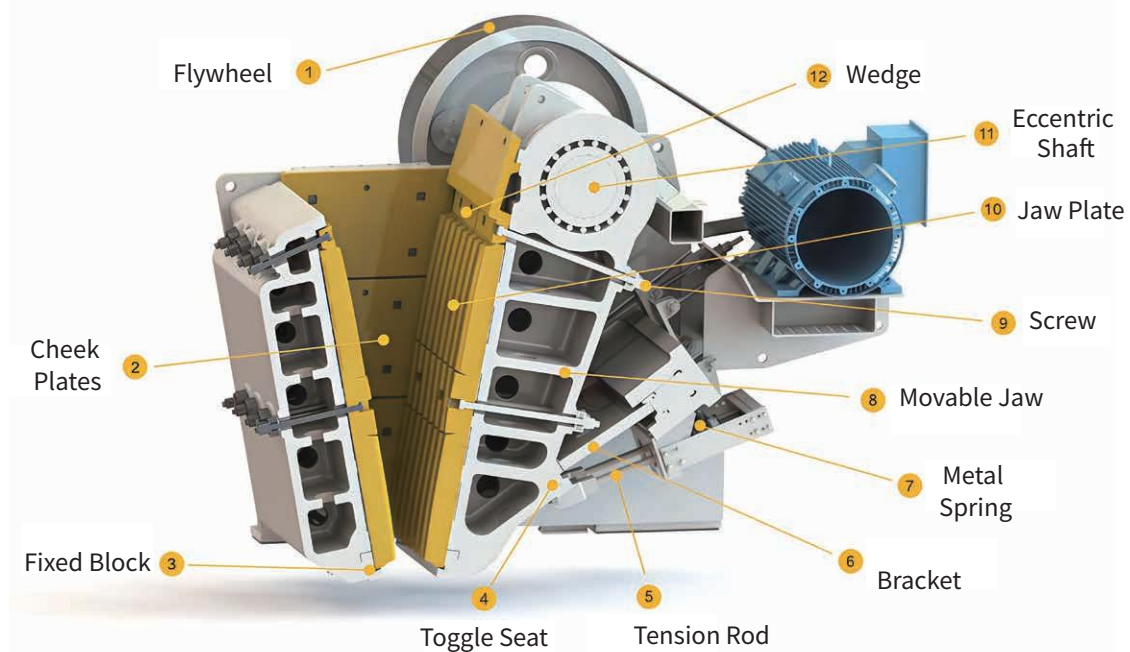
| PROJECT NAME                 | CONGHUA PROJECT                                                                                                                                                                                      |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processing capacity per hour | 1000-1200 tph/unit                                                                                                                                                                                   |
| Material processed           | Granite, primary dry screening operation, with feed material ≤180 mm. Oversize material (>12 mm) is sent to medium crushing; undersize material (<12 mm) is discharged to the sludge and fines area. |
| Operating conditions         | Sludge screening with two-deck screen: upper deck mesh of 50 mm and lower deck mesh of 12 mm.                                                                                                        |
| Equipment configuration      | VDDB3673 — 1 unit of double-deck banana vibrating screen                                                                                                                                             |
| Dimensions (mm)              | 8125 × 4590 × 4830 (L × W × H)                                                                                                                                                                       |

| PROJECT NAME                 | CIRCULAR VIBRATING SCREEN PLANT IN HIGH-ALTITUDE AREA                                                                                                             |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processing capacity per hour | 700-1500 tph/unit                                                                                                                                                 |
| Material processed           | Maximum feed size ≥ 100 mm, screening efficiency of 90%, responsible for screening medium and fine crushed material and undersize material, particle size ≤ 40 mm |
| Operating conditions         | Closed-circuit screening                                                                                                                                          |
| Equipment configuration      | Circular vibrating screens 3YA3675 (7 units) / 2YA3675                                                                                                            |
| Dimensions (mm)              | 3600 mm × 7500 mm × 5700 mm (L × W × H)                                                                                                                           |



| PROJECT NAME                 | GUANGDONG SEA SAND DESALINATION AND TREATMENT PROJECT                                                                                                                                                                                                                                                                                                                                                                         |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processing capacity per hour | 300-350 tph/unit                                                                                                                                                                                                                                                                                                                                                                                                              |
| Material processed           | The process flow comprises five main stages: screening, sludge washing, chloride removal, rinsing and dewatering, and fine sand recovery. The annual output of sea sand reaches 350,000 m <sup>3</sup> . After treatment by the tail water equipment, the water recirculated to the sand injection desalination equipment meets the following quality parameters: chloride ion (Cl <sup>-</sup> ) ≤ 200 mg/L; TDS ≤ 400 mg/L. |
| Operating conditions         | Sea sand desalination                                                                                                                                                                                                                                                                                                                                                                                                         |
| Equipment configuration      | Trommel screen, spiral sand washer, impeller sand washer, fine sand recovery unit, dewatering screen, wastewater treatment system and filter press                                                                                                                                                                                                                                                                            |

## JAW CRUSHER ACCESSORIES >>>>



Flywheel



Jaw  
Crusher Frame



Cheek Plates



Counterattack  
Lining



Wedge



Bracket



Eccentric Shaft



Blow Bar

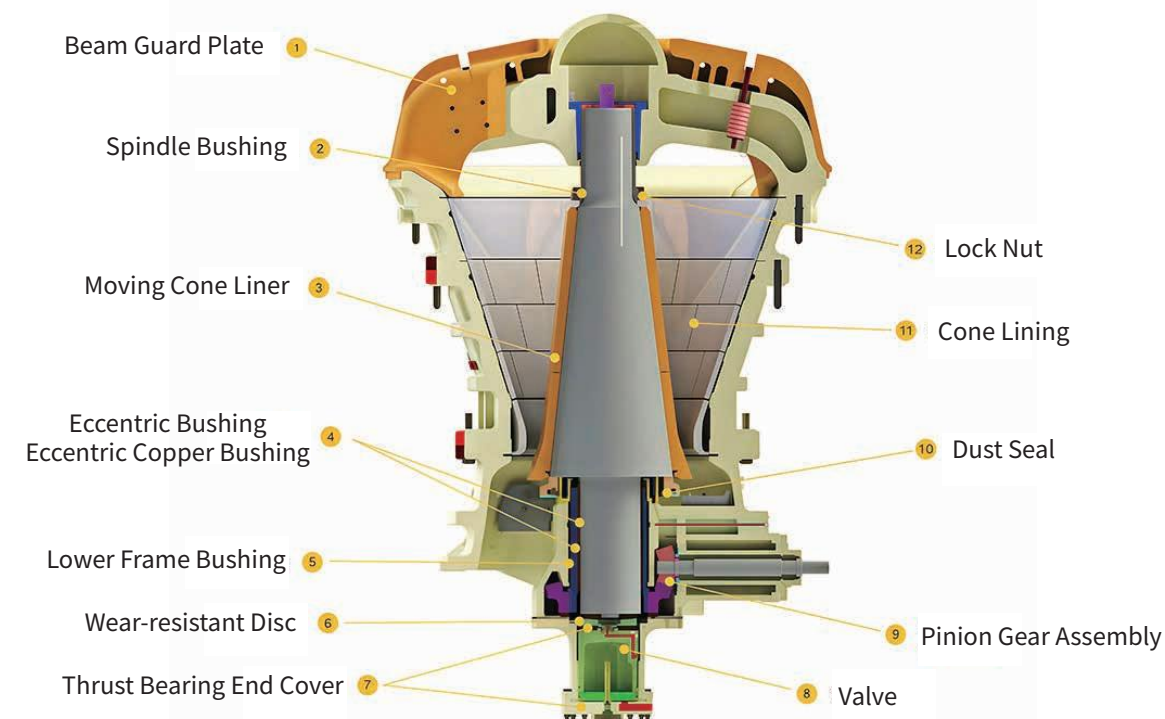


Movable Jaw



Jaw Plate

## CONE CRUSHER ACCESSORIES >>>>



Cone Lining



Moving Cone



Moving Cone Liner



Edge Guard



Beam Guard Plate



Drive Ring



Moving  
Cone Sphere

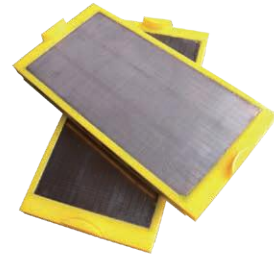


Beam  
Guard Plate

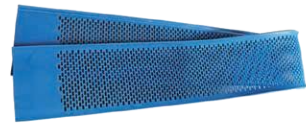
## SCREEN ACCESSORIES >>>>



Woven  
mesh screen



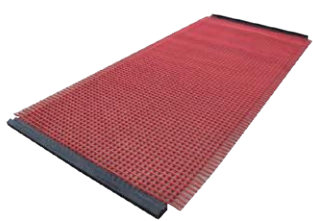
Stainless  
steel slatted plate



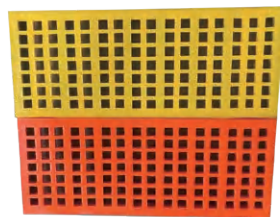
Relaxed screen



Jinli  
woven screen



Polyester  
woven screen



Polyurethane  
sieve plate



Three-dimensional  
hump screen



Rubber  
screen plate

## CONVEYOR ROLLER SERIES >>>>



Rodillo pasivo



Rodillo impulsor



Conjunto De  
Rodillos En Artesa



Rodillo  
Amortiguador



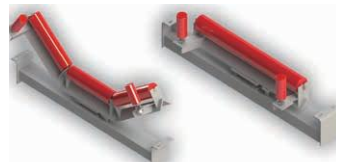
Rodillo De Nylon



Rodillo  
De Polímero



Tambor Cónico



Conjunto  
De Rodillos  
Autocentrantes  
Superior E Inferior

## GRINDING AND CLASSIFYING EQUIPMENT >>>>



Flange



Spiral Blades



Spiral Shaft



Wear-resistant  
Bushings



Rubber  
Water Seal



Bearing Seat



Base



Lower  
Short Axis