

NORD MINERALS

ENGINEERING

PROCUREMENT

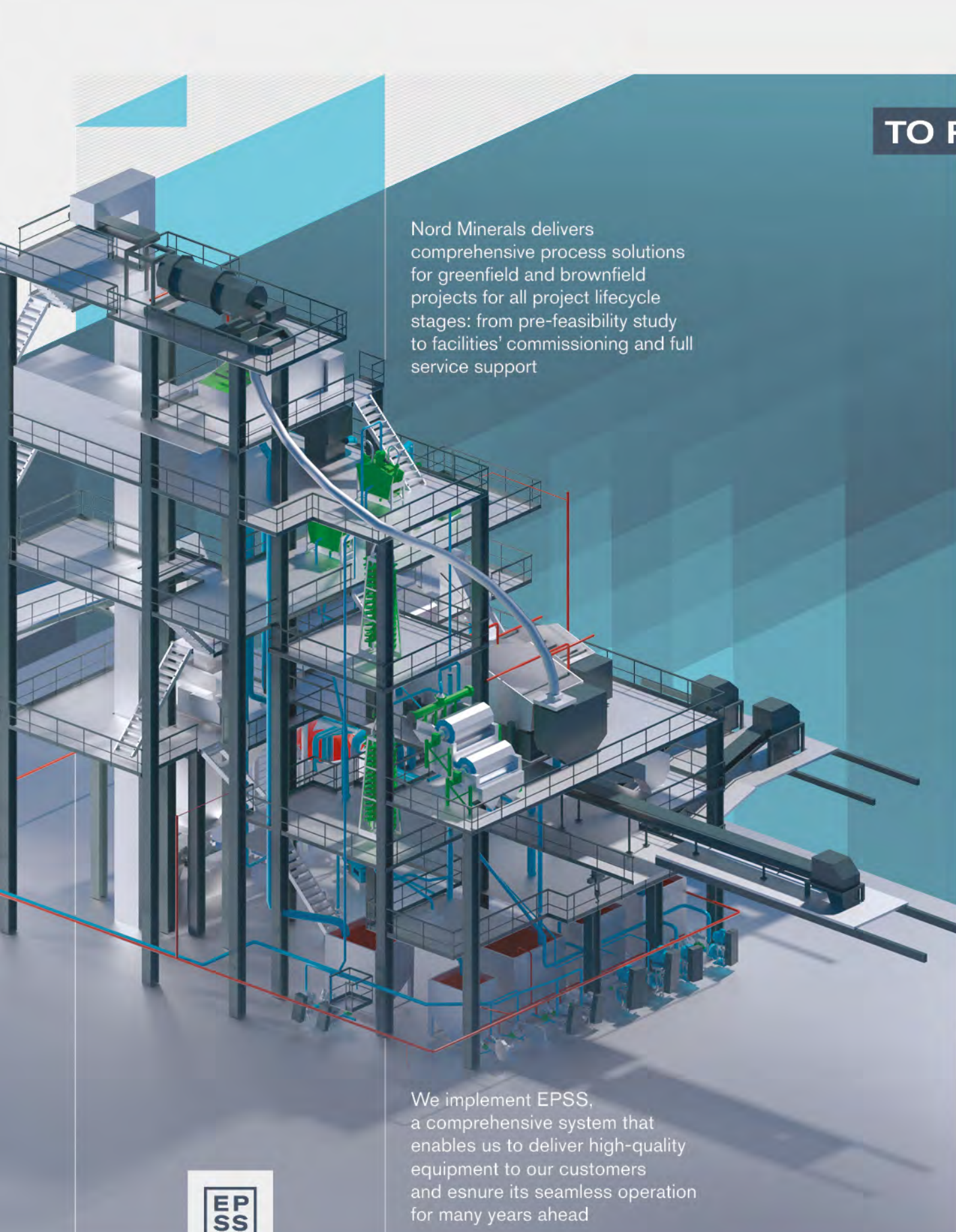
SUPERVISION

SERVICE

A RELIABLE SUPPLIER OF EQUIPMENT

for mining
and processing





INTEGRATED APPROACH TO PROJECT IMPLEMENTATION

EPSS

Nord Minerals delivers comprehensive process solutions for greenfield and brownfield projects for all project lifecycle stages: from pre-feasibility study to facilities' commissioning and full service support

We implement EPSS, a comprehensive system that enables us to deliver high-quality equipment to our customers and ensure its seamless operation for many years ahead



ENGINEERING AND DESIGN

We deliver process solutions tailored to our customer's needs, design custom assemblies, and automated processes at all project lifecycle stages.

PROCUREMENT

We supply equipment, spare parts, and materials from the world's leading manufacturers.

SUPERVISION

We carry out installation supervision and commissioning, taking full responsibility for achieving the designed performance.

SERVICE

We implement a consignment stock system, taking full responsibility for servicing equipment, including third-party units. We arrange scheduled and emergency maintenance, ensuring seamless plant operation and a high equipment availability rate.

ENGINEERING TURNKEY



Developing conceptual engineering based on audit



Detailed design and engineering for construction, installation, and assembly of process lines



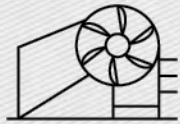
Plant process lines



BIM modelling tools



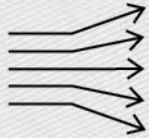
PROCUREMENT OF EQUIPMENT AND RELATED COMPONENTS



Crushing
and screening



Grinding
and processing



Classification
and separation



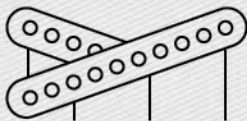
Flotation



Thickening



Slurry handling
solutions

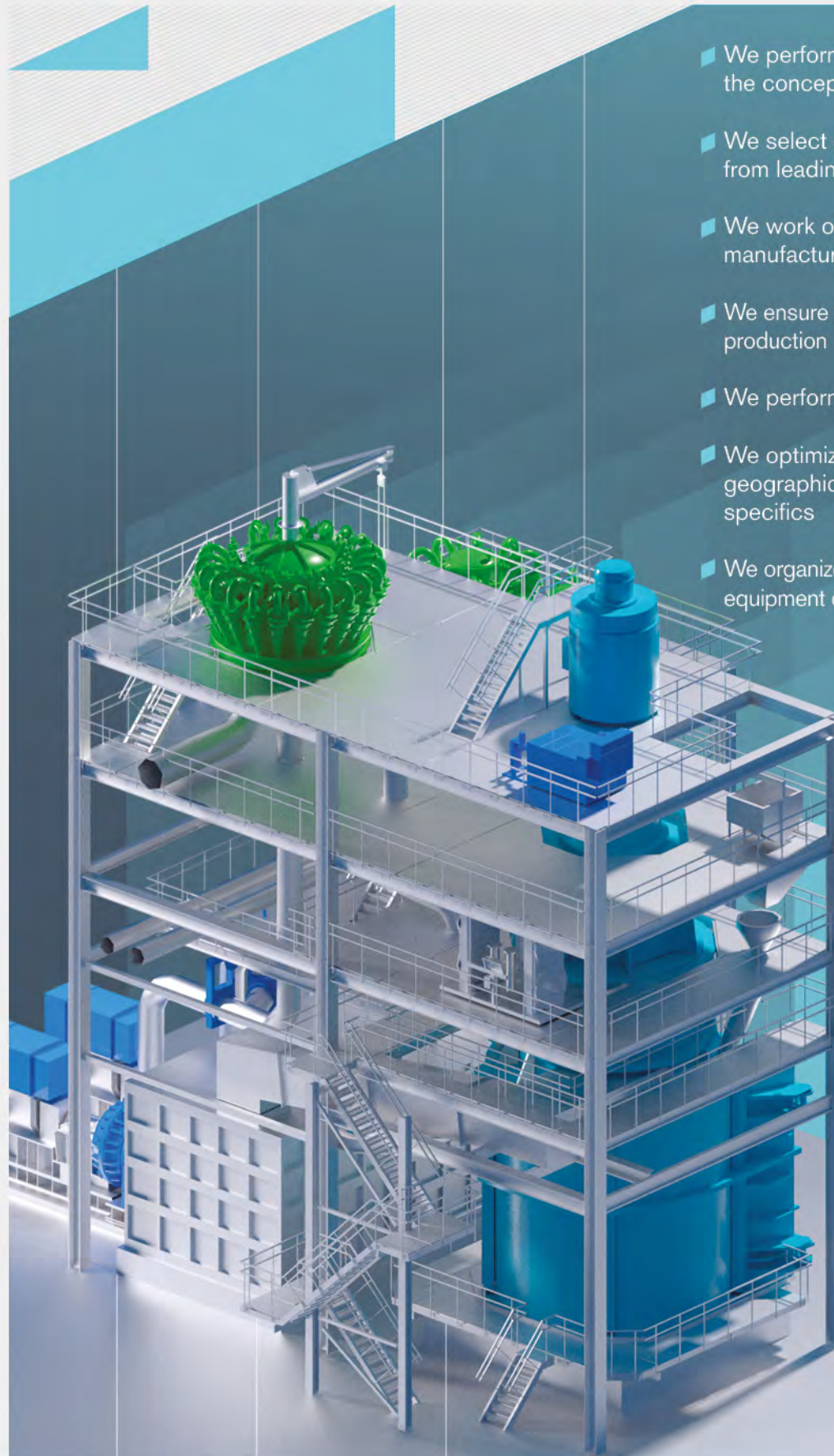


Bulk handling
solutions



Spare
parts

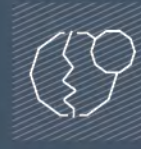
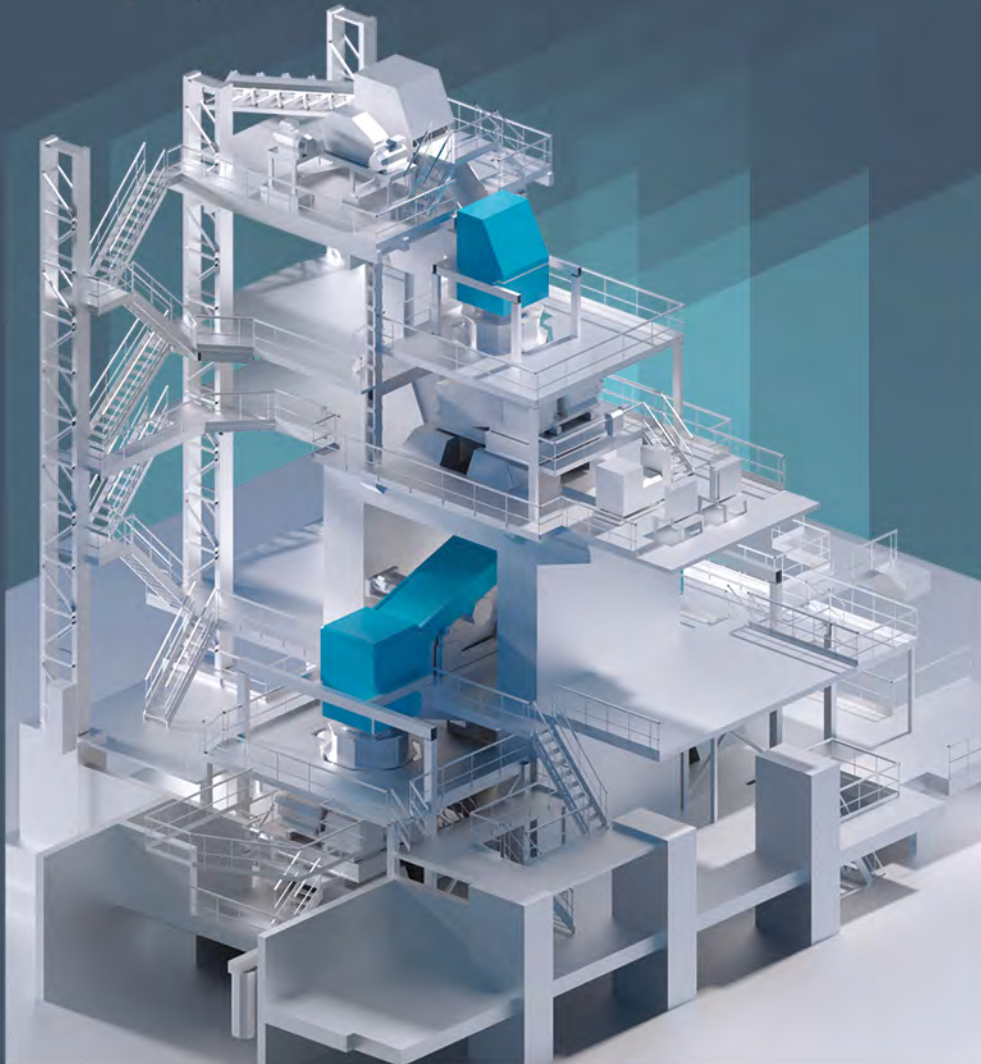
- We perform a pre-project audit and develop the concept of the future solution
- We select equipment and supply components from leading global manufacturers
- We work only with reliable and proven manufacturers
- We ensure quality control at all stages of equipment production
- We perform a fit-up assembly
- We optimize our supply logistics based on geographic considerations and production specifics
- We organize consignment warehouses to minimize equipment downtime





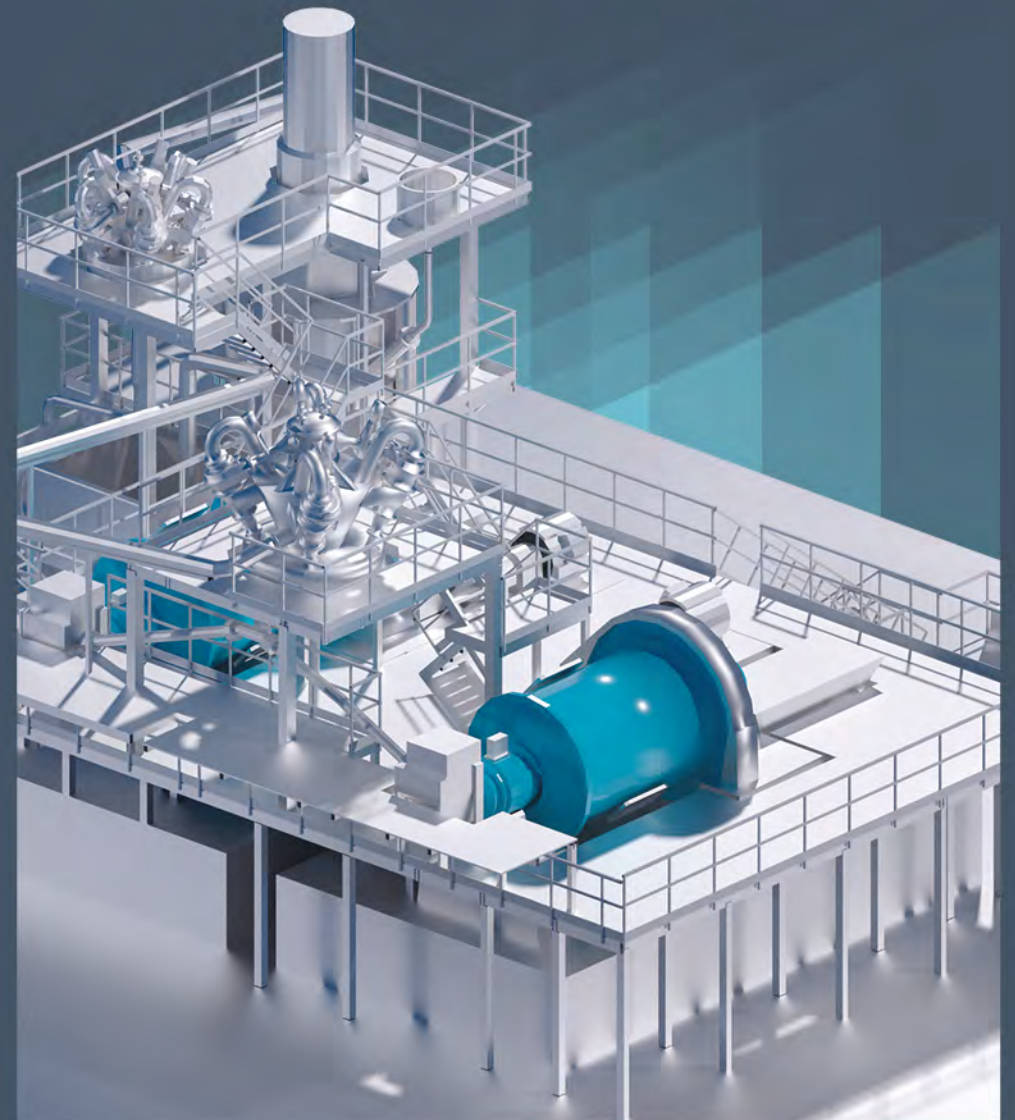
CRUSHING AND SCREENING

- Crushers:
jaw, cone, gyratory crushers, and vertical shaft
and horizontal shaft impact crushers with vertical
and horizontal shafts
- Screens
- Feeders
- Hydraulic hammers



GRINDING AND PROCESSING

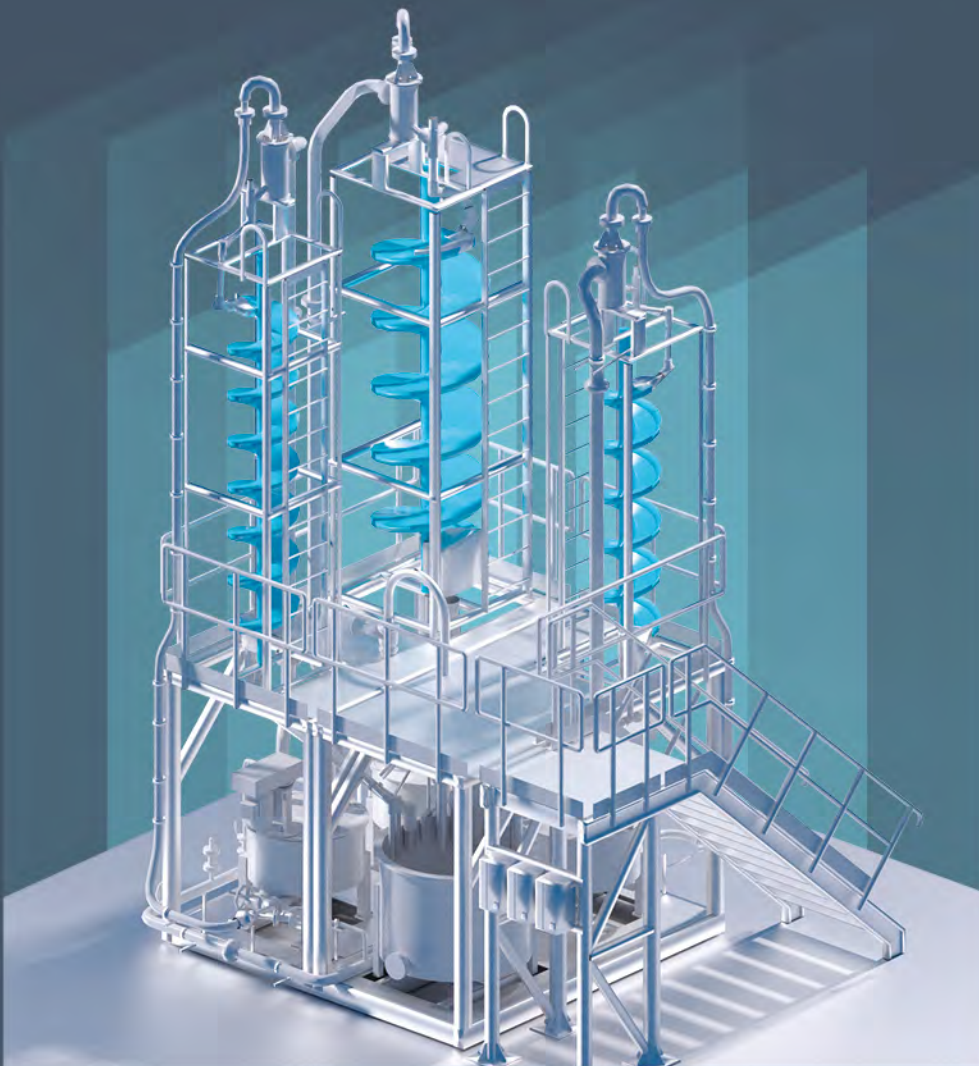
- Autogenous and semi-autogenous grinding mills
- Ball and pebble mills
- Rod mills
- Vertical mills





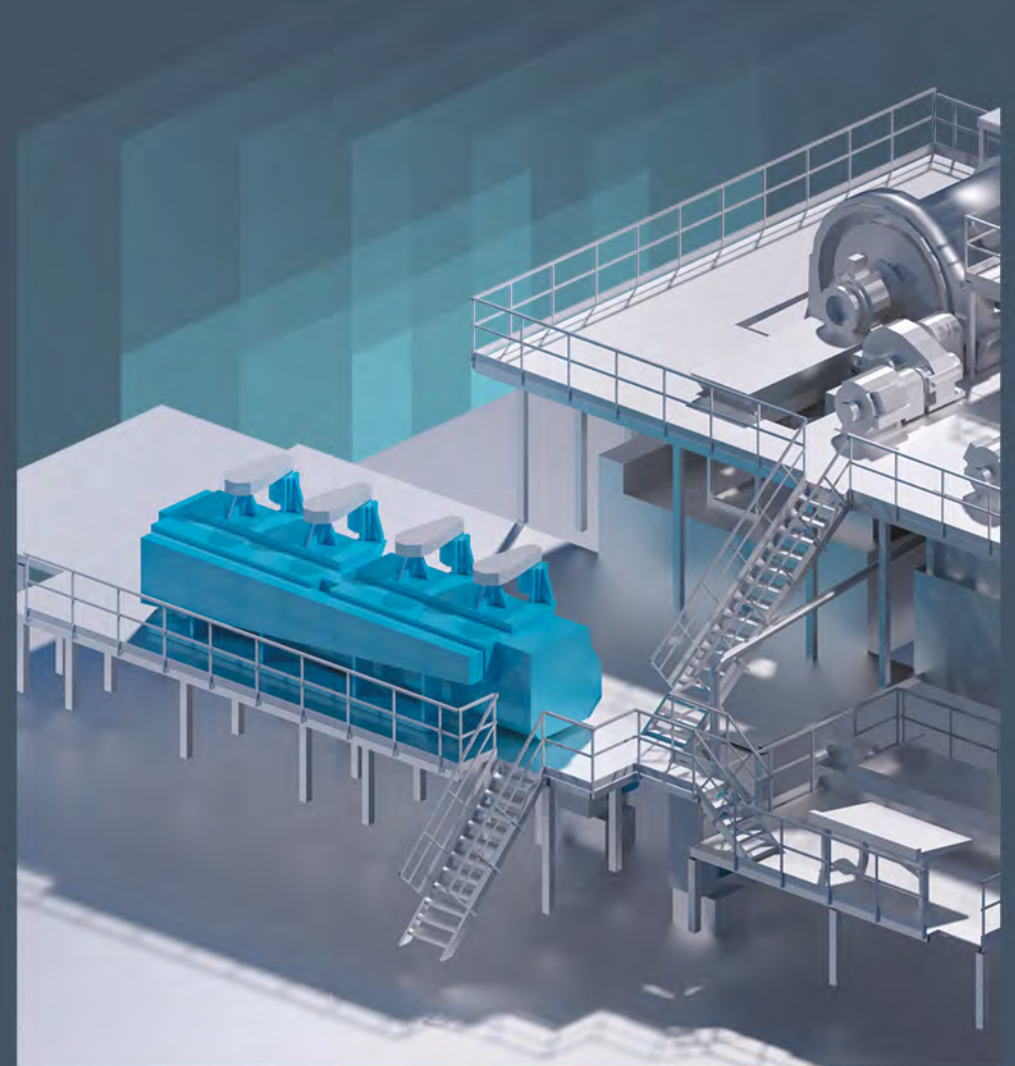
CLASSIFICATION AND SEPARATION

- Hydrocyclone equipment
- Jigging machines
- Concentration tables
- Gravity separators



FLOTATION

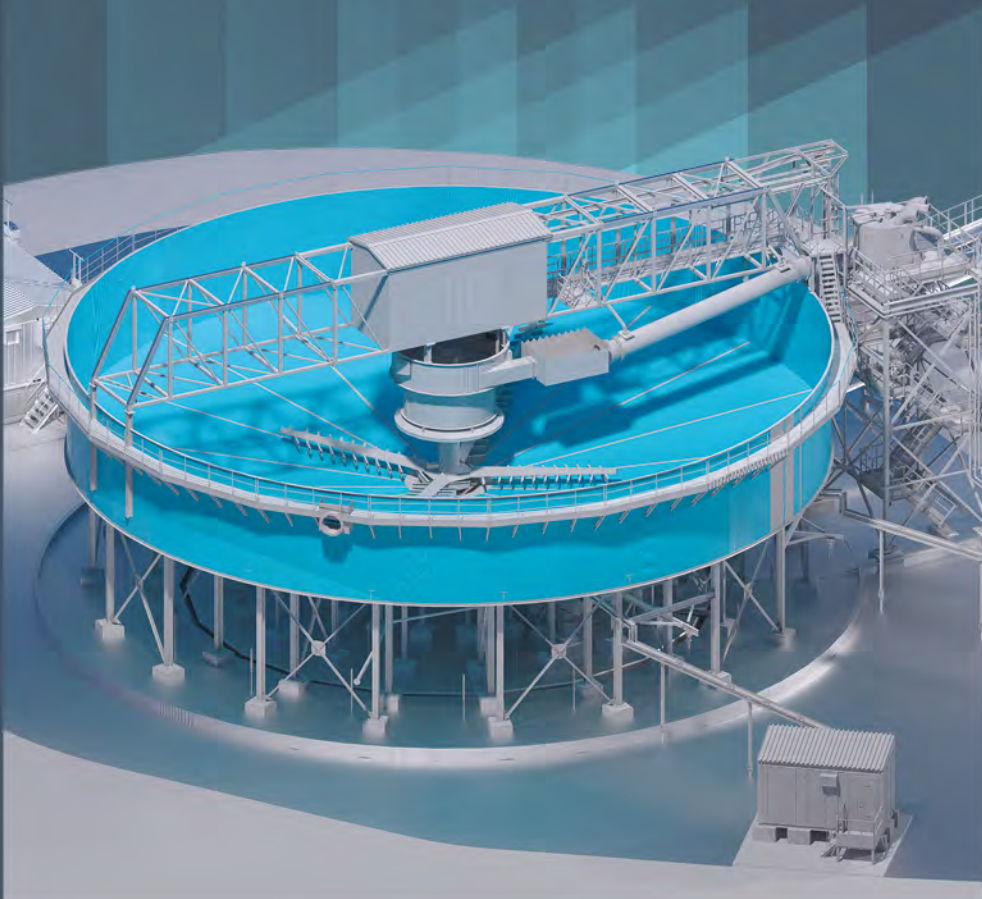
- Self-aspirated (induced air) flotation cells
- Pneumatic flotation cells
- Forced air flotation cells
- Flash flotation cells





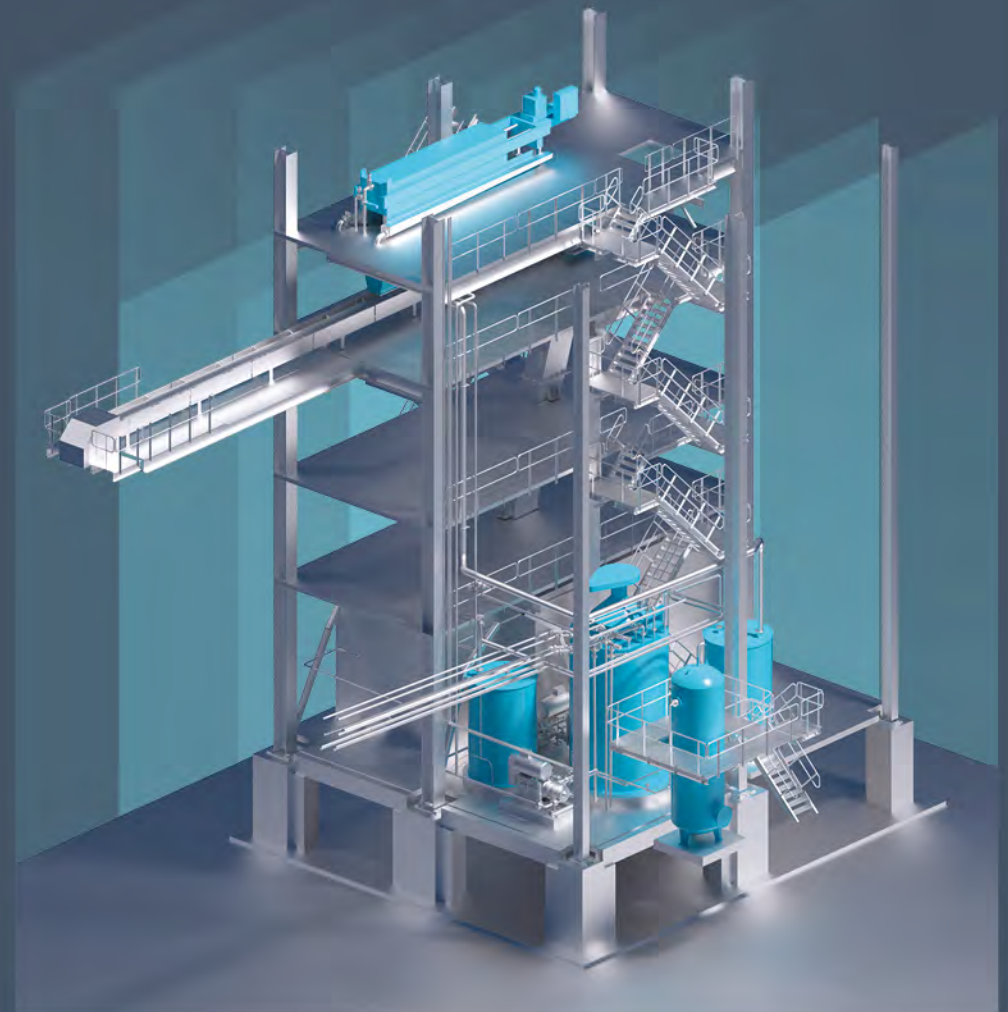
THICKENING

- Thickeners:
high-performance, high-pressure plate and paste-type filtration equipment
- Clarifiers



FILTRATION

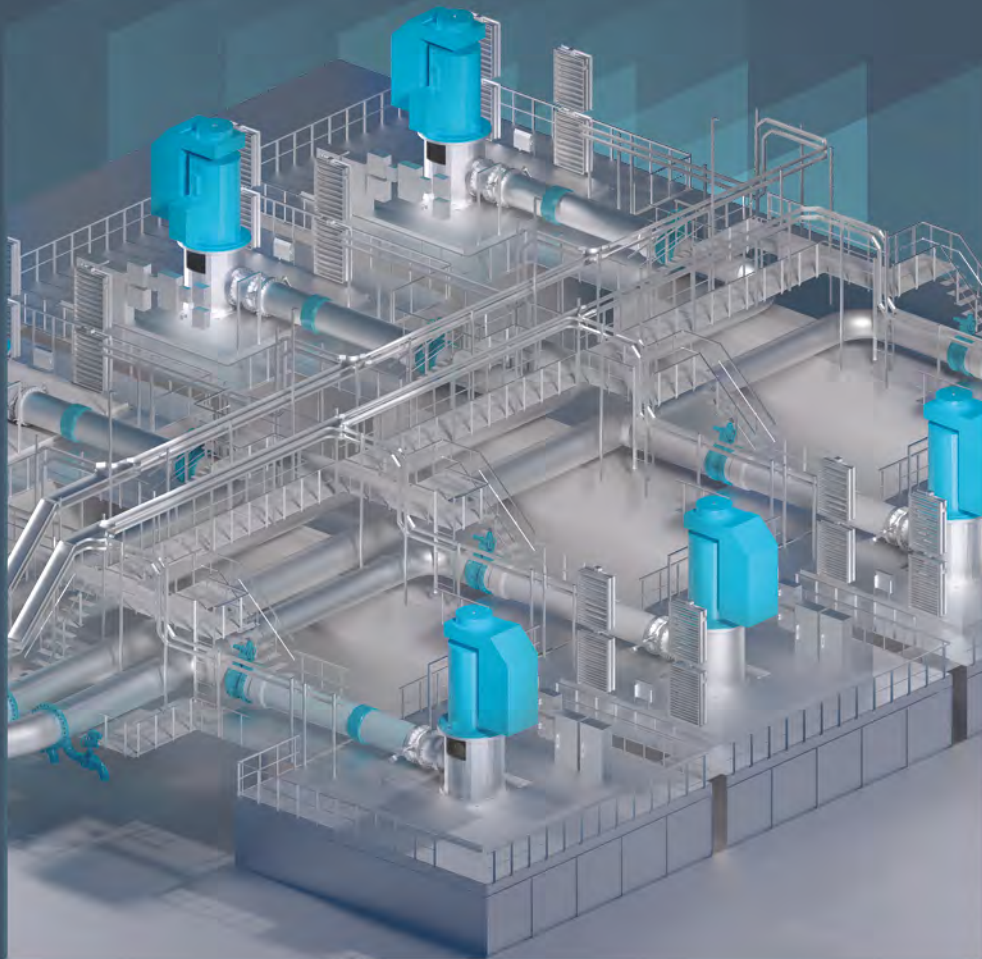
- Filter presses:
horizontal, tower, and belt filters
- Vacuum filters:
disc and ceramic filters





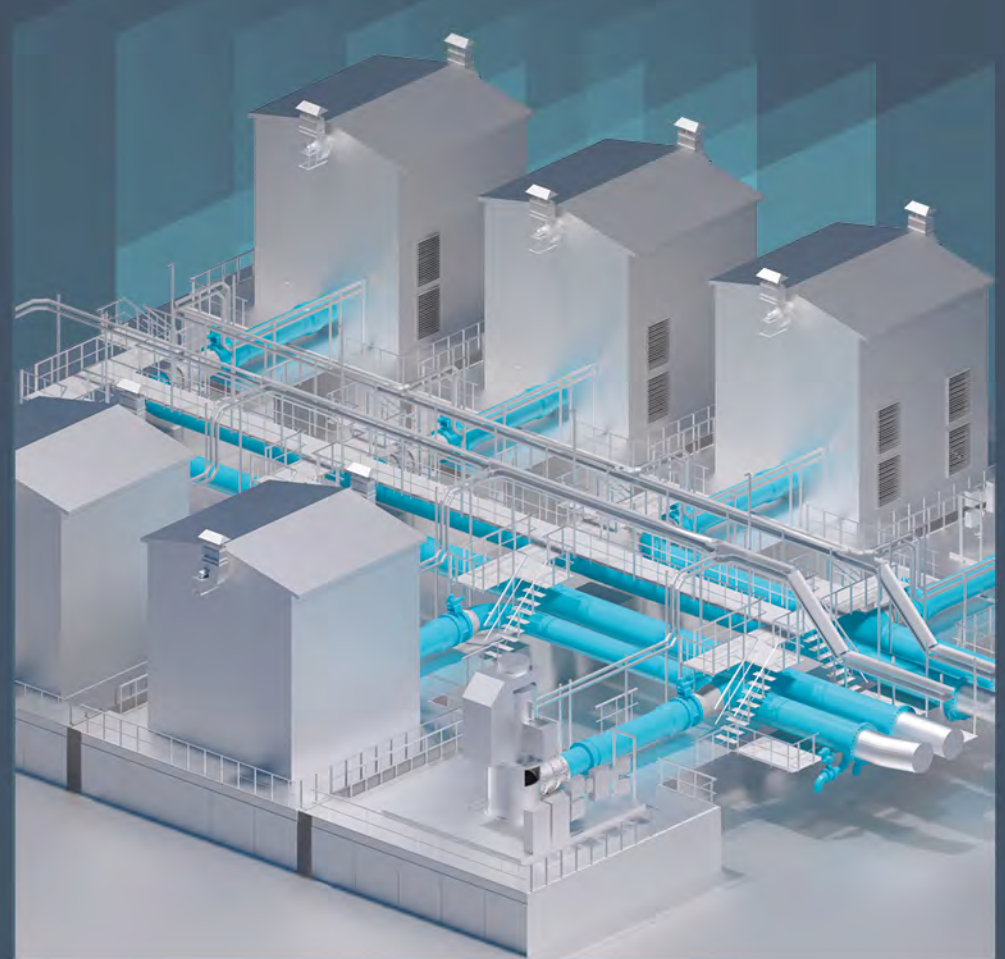
PUMPS EQUIPMENT

- Horizontal and vertical slurry pumps
- Water pumps
- Chemical pumps:
horizontal, vertical and air pumps



SHUT-OFF AND CONTROL VALVES AND PIPELINES

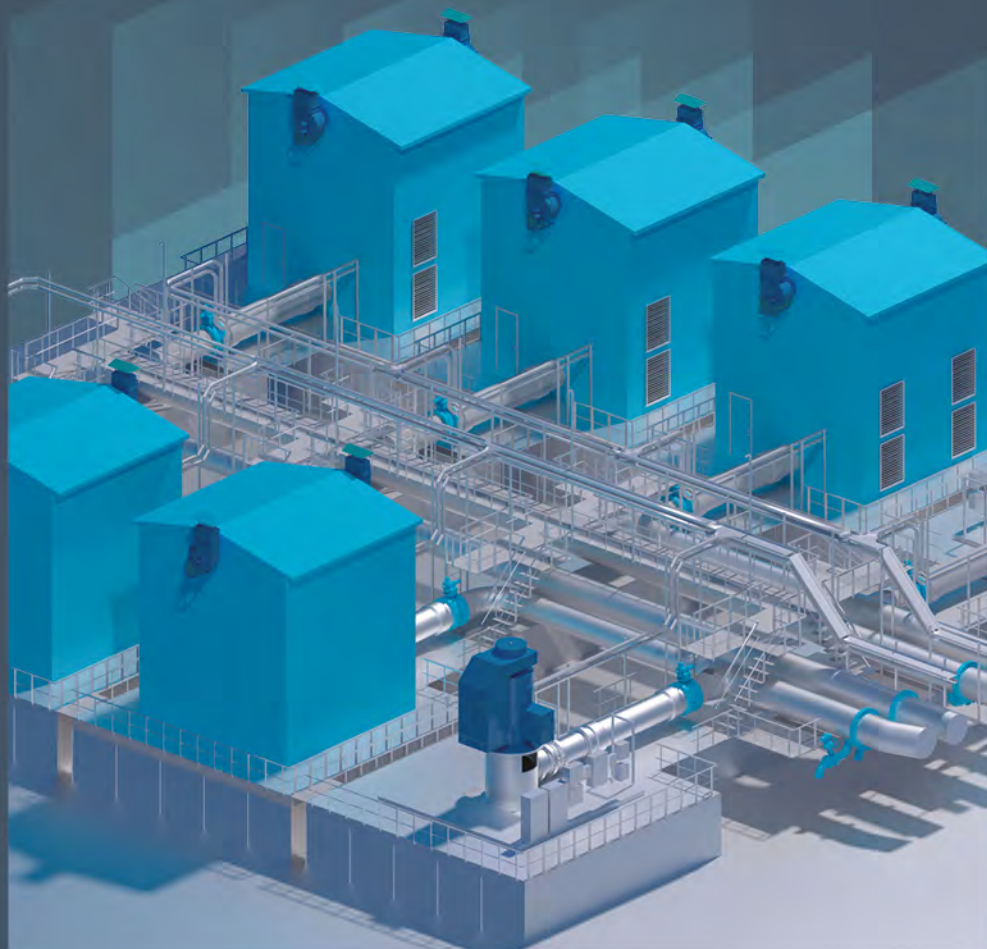
- Gate valves, control valves, check valves, ball valves, butterfly valves, and pinch valves
- Special valves for highly abrasive substances, for chemical and corrosive substances
- Special valves for dust-gas-air ducts, and hot blast valves
- Slurry hoses and lined steel pipelines, compensators, and other elements of pipeline systems





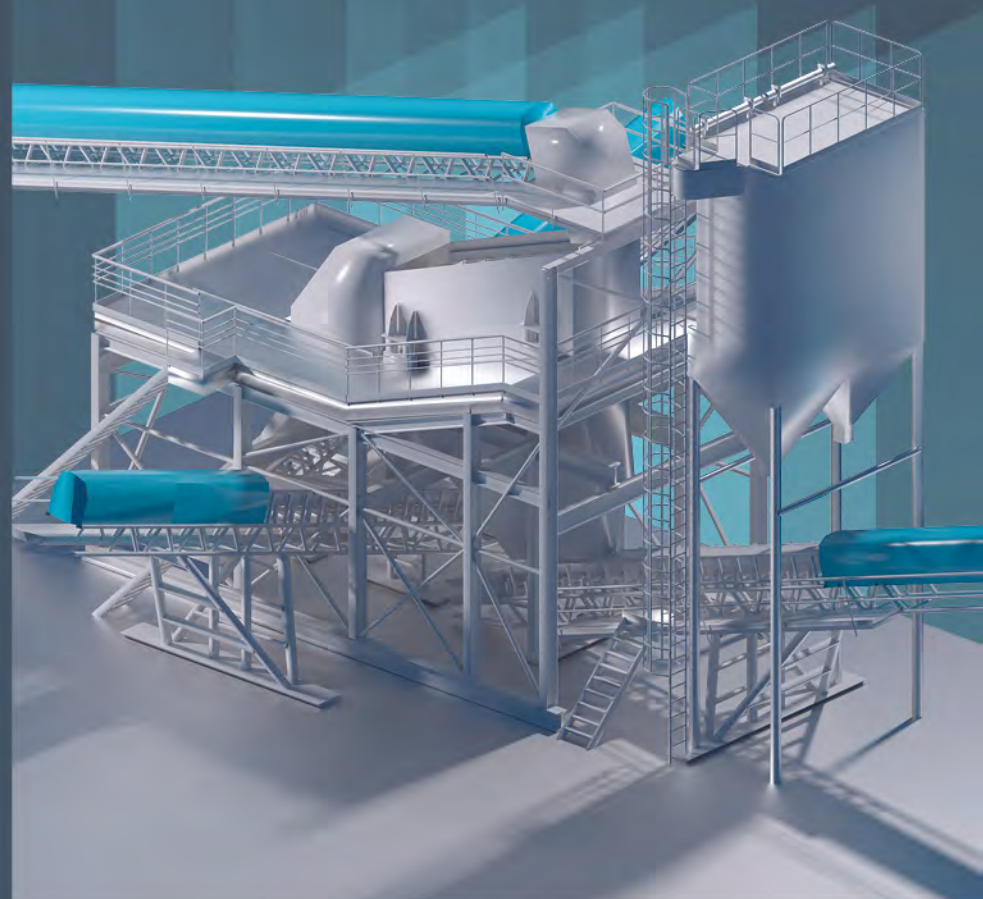
PUMPING STATIONS

- Design and complex supply of pumping stations
- Floating pumping stations: recycling water supply and drainage
- Mobile pumping stations: drainage and temporary installation
- Modular pumping stations: recycling industrial and domestic water supply, firefighting, and pumping of process fluids



BULK HANDLING SOLUTIONS

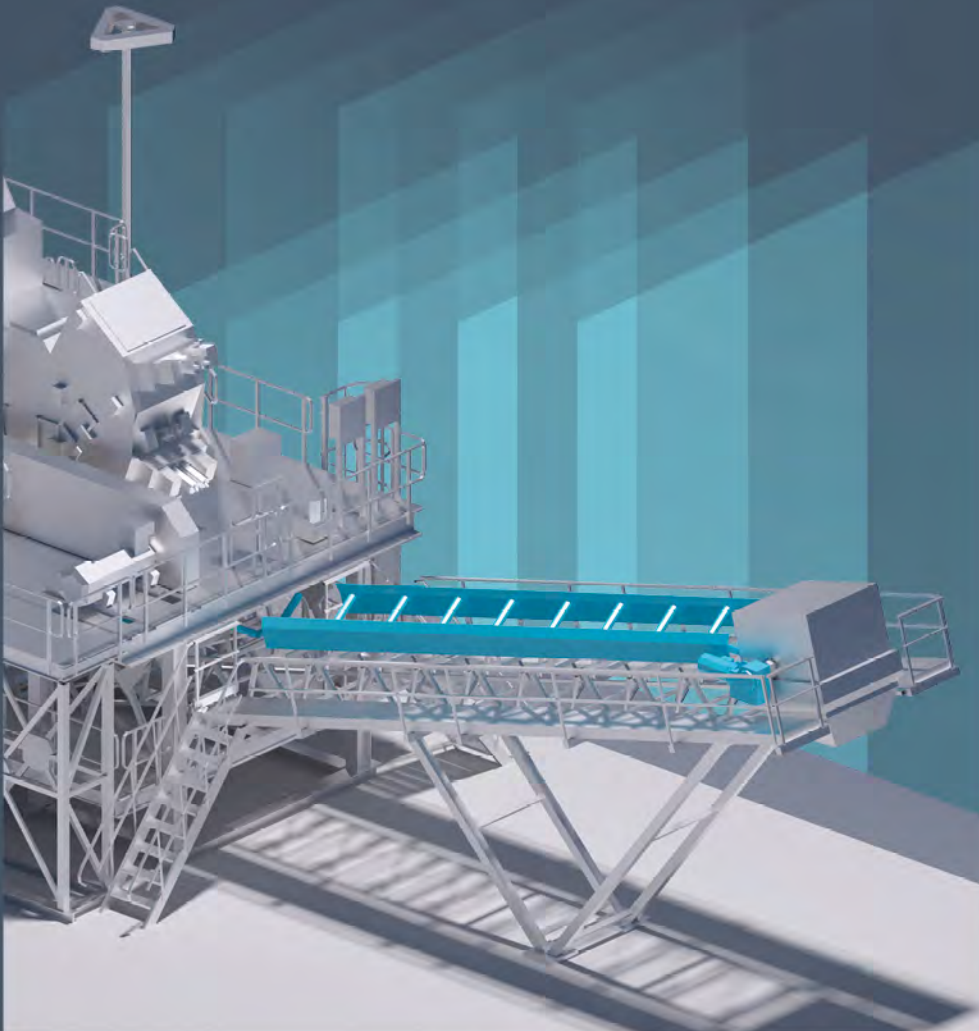
- Belt conveyors: main belt conveyors, belt retractable conveyors, stationary conveyors, and mobile conveyors (stackers)
- Bunkers-loaders
- Special equipment





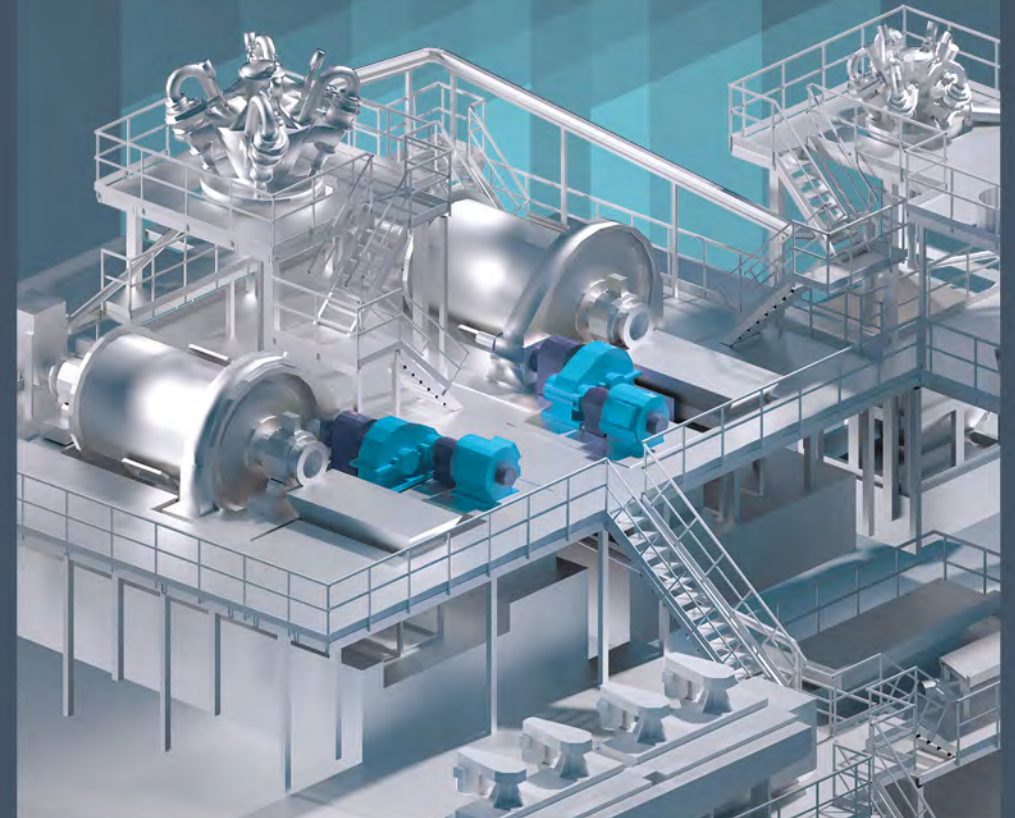
CONVEYOR BELTS AND COMPONENTS

- Conveyor belts for general and special purpose
- Conveyor rollers and drums
- Conveyor loading zone protection, belt cleaners, rip control system
- Screening media
- Vulcanizing presses



MECHANICAL DRIVES

- General-purpose industrial gear reducers
- Large reducers
- Large open gears
- Special gear units
- Gear-motors
- Couplings
- Cardan shafts
- Spindles
- Bearings





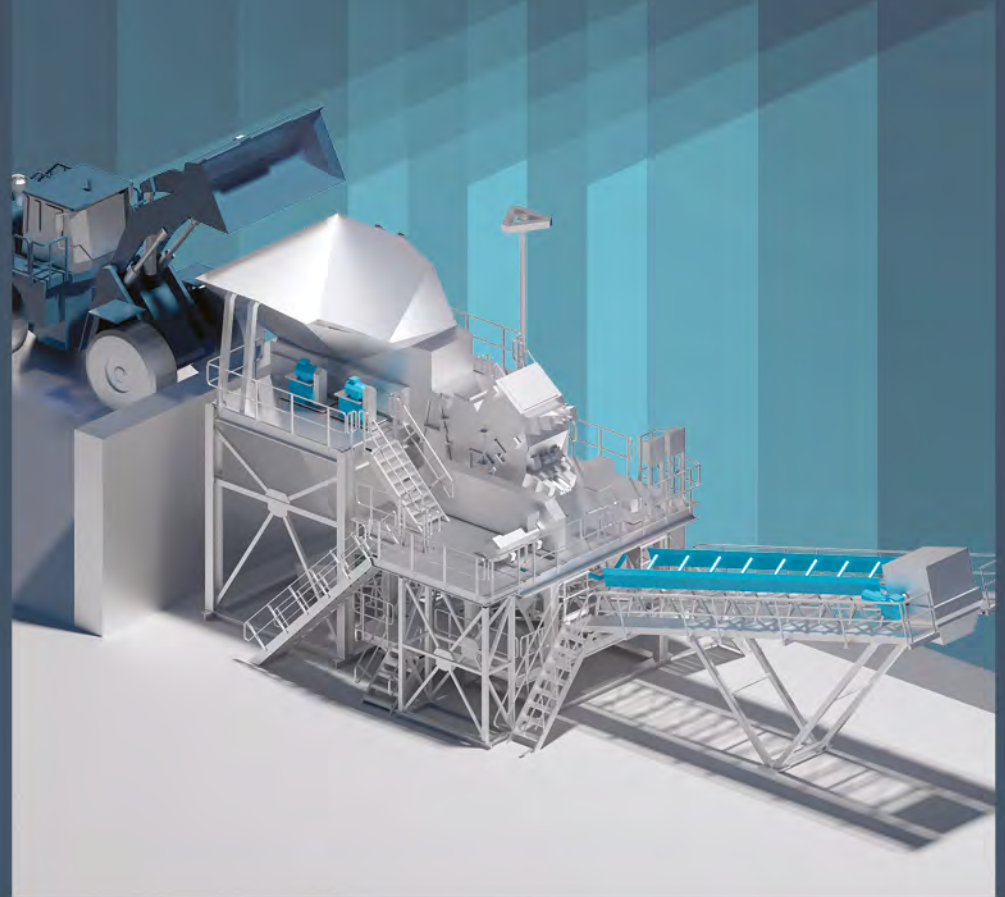
MILL LINING

- Mill lining: rubber, metallic, composite (rubber and metallic), and magnetic lining
- Trommel screens



SPARE PARTS

- For any type of equipment used in mineral beneficiation process lines, including crushers, mills, hydrocyclones, pumps, screens, feeders, and other auxiliary equipment





SUPERVISION AND COMMISSIONING

- Installation supervision and designer supervision of construction companies
- Supervision of commissioning activities
- Commissioning and achieving technological parameters for both individual pieces of equipment and the entire mineral processing system



AFTER-SALES SERVICE

- Full service support for equipment, including third-party supply
- Arranging scheduled and emergency maintenance
- Providing service during the warranty and post-warranty periods
- Prompt delivery of spare parts and consumables, and arranging consignment warehouses
- Ensuring a high equipment availability rate, taking financial responsibility for the result



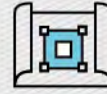
THE COMPANY'S ADVANTAGES



Wide geography of offices and warehouses in Kazakhstan, Uzbekistan, Armenia, Mongolia, Kyrgyzstan, Indonesia and South Africa.



In-house service department in each country where the company has a footprint.



Our experience spans a broad range of tasks and territories. We implement complex projects and confidently maintain our positions among the leading providers of technological solutions.



An experienced team of experts work according to international corporate governance standards.



OUR PARTNERS

ROITECH

element

FLSMIDTH

TÜFEKÇİOĞLU
KAUÇUK & MAKİNA



MULTOTEC



中信重工
CITIC HEAVY INDUSTRIES

Ant Group

DELIVERY MAP

EUROPE

ASIA

AFRICA

NORD MINERALS

NORD MINERALS

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