OSANTS



MINING SOLUTIONS

2026 CATALOG

Engineered Components & Systems Built for Mining Performance

From extraction to processing, we deliver durable, efficient, and reliable solutions designed to withstand the toughest mining conditions.

Download Catalog

BUILT FOR EVERY ENVIRONMENT
Engineered for durability in harsh mining conditions.

PRECISION & RELIABILITY
Components and systems you can count on.

COMPLETE MINING SOLUTIONS
Integrated systems designed for every stage of mining.

EFFICIENCY & PRODUCTIVITY
Built to help you do more with less.

BUILT FOR GROWTH
Scalable solutions for operations of any size.

OSANTS

MINING STRUCTURAL & FABRICATED COMPONENTS



STRUCTURAL, FABRICATED & WEAR COMPONENTS

High-performance fabricated components and wear solutions engineered for the extreme demands of the mining industry.

ENGINEERED FOR HIGH IMPACT, ABRASION RESISTANCE & LONG SERVICE LIFE

HEAVY FABRICATIONS

- Welded Structural Assemblies
- Machine Frames
- Support Structures
- Boom Sections
- Chassis Assemblies











WEAR COMPONENTS

- Wear Liners
- Hardened Plates
- Bucket Edges
- Cutting Blades
- Replaceable Wear Strips











MATERIAL HANDLING STRUCTURES

- Conveyor Frames
- Hoppers
- Chutes
- Screening Structures
- Transfer Stations













BUILT FOR EXTREME CONDITIONS

Designed to perform in the toughest mining environments with impact, abrasion, and heavy-load resistance.

FABRICATED WITH PRECISION

Advanced manufacturing and skilled welding ensure strength, accuracy, and dependable performance.

MAXIMUM WEAR LIFE

Premium materials and heat-treated components deliver exceptional resistance and reduced downtime.

INCREASED PRODUCTIVITY

Reliable structural and wear solutions improve equipment uptime and maximize operational efficiency.

QUALITY YOU CAN TRUST

Rigorously quality control and industry standards ensure long-term durability and safety.

OSANTS

PRECISION MACHINING & CAST COMPONENTS



MACHINING, CASTINGS & PRECISION COMPONENTS

High-precision machined and cast components engineered to deliver strength, durability, and performance in the toughest mining applications.

PRECISION MANUFACTURING FOR CRITICAL MINING EQUIPMENT COMPONENTS

CNC MACHINING

- Large Machined Housings
- Precision Shafts
- Gear Components
- Bearing Assemblies
- Custom Machined Parts





CAST COMPONENTS

- Iron Castings
- Steel Castings
- Wear Castings
- Precision Cast Components
- Structural Castings





DRIVETRAIN & MOTION COMPONENTS

- Couplings
- Gearboxes
- Pulley Systems
- Bearings
- Chain Systems





BUILT FOR EXTREME CONDITIONS

Manufactured to handle the high impact, heavy loads, and demanding conditions of mining operations.

PRECISION ENGINEERED

Advanced machining and casting processes ensure superior accuracy, strength, and performance.

LONG-LASTING PERFORMANCE

Premium materials and rigorous quality control deliver maximum reliability and extended service life.

TESTED & INSPECTED

All components undergo strict inspection and testing to meet or exceed OEM and industry standards.

QUALITY YOU CAN TRUST

Built to exacting standards and designed for critical performance in the toughest mining environments.

OSANTS

MINING MATERIAL HANDLING & CONVEYOR SYSTEMS



CONVEYOR, MATERIAL HANDLING & PROCESSING SYSTEMS

Engineered systems and components that move, process, and manage materials efficiently in the toughest mining environments.

HEAVY-DUTY MATERIAL HANDLING SOLUTIONS
DESIGNED FOR MAXIMUM THROUGHPUT

CONVEYOR COMPONENTS

- Rollers and Idlers
- Pulley Systems
- Belt Tracking Systems
- Conveyor Frames
- Drive Assemblies





BULK MATERIAL SYSTEMS

- Feeders
- Transfer Chutes
- Hoppers
- Screening Systems
- Vibratory Systems





PROCESSING EQUIPMENT COMPONENTS

- Crusher Liners
- Screening Decks
- Processing Housings
- Rotating Assemblies
- Wear-Resistant Fabrication





BUILT TO PERFORM
Designed for extreme mining conditions with rugged construction and long-term reliability.

MAXIMUM THROUGHPUT
Engineered systems that optimize material flow and increase operational efficiency.

ABRASION RESISTANT
Premium materials and wear components extend service life and reduce downtime.

INTEGRATED SOLUTIONS
Complete systems and components designed to work together for seamless material handling.

QUALITY YOU CAN TRUST
Built and tested to meet or exceed OEM standards and industry requirements.

OSANTS

HYDRAULIC SYSTEMS & FLUID POWER COMPONENTS



HYDRAULIC & FLUID POWER SYSTEMS

High-performance hydraulic solutions engineered for the extreme demands of mining equipment and continuous operation.

RELIABLE HYDRAULIC SYSTEMS
BUILT FOR CONTINUOUS MINING OPERATIONS

HYDRAULIC COMPONENTS

- Hydraulic Cylinders
- Manifold Blocks
- Valve Systems
- Hydraulic Motors
- Pumps and Reservoirs





MOBILE EQUIPMENT SYSTEMS

- Steering Systems
- Lift Systems
- Suspension Hydraulics
- Brake Hydraulic Assemblies
- Power Units





FLUID MANAGEMENT

- Filtration Systems
- Hydraulic Tubing
- Hose Assemblies
- Cooling Systems
- Fluid Transfer Components





BUILT FOR EXTREME CONDITIONS
Designed to perform in the harshest mining environments with high pressure, shock loads, and demanding conditions.

PRECISION ENGINEERED
Advanced machining and assembly ensure precision, efficiency, and long-term reliability.

MAXIMUM UPTIME
Reliable hydraulic solutions minimize downtime and keep your equipment performing at peak productivity.

TESTED & VALIDATED
All systems rigorously tested for pressure, leak, and performance to meet OEM standards.

QUALITY YOU CAN TRUST
Manufactured with premium materials and backed by industry-leading quality control.

OSANTS

MINING ELECTRICAL & CONTROL SYSTEMS



ELECTRICAL, CONTROL & SAFETY SYSTEMS

Advanced electrical solutions and control systems engineered to maximize safety, efficiency, and reliability in mining operations.

INTEGRATED ELECTRICAL & CONTROL SYSTEMS FOR DEMANDING MINING APPLICATIONS

ELECTRICAL SYSTEMS

- Wiring Harnesses
- Junction Boxes
- Electrical Connectors
- Industrial Lighting
- Cable Management Systems





CONTROL SYSTEMS

- Sensor Systems
- PLC Control Panels
- Monitoring Systems
- Automated Controls
- Relay Systems





SAFETY SYSTEMS

- Warning Indicators
- Camera Systems
- Safety Shutoffs
- Position Sensors
- Alarm Systems





BUILT FOR EXTREME CONDITIONS
Engineered to perform in harsh mining environments with vibration, dust, moisture, and temperature extremes.

SMART AUTOMATION
Advanced control systems that optimize performance, reduce downtime, and improve productivity.

MAXIMUM RELIABILITY
High-quality components and rigorous testing ensure long-term reliability and system uptime.

SEAMLESS INTEGRATION
Complete electrical and control solutions designed to integrate effortlessly with mining equipment.

SAFETY FIRST
Built-in safety features and monitoring systems help protect equipment, operators, and your operation.

OSANTS

ENGINEERED SOLUTIONS FOR MINING COMPONENTS & SYSTEMS

BUILT FOR EXTREME CONDITIONS.

OSANTS is your trusted partner for mining components and systems. We work with qualified manufacturers to deliver products that ensure durability, reliability, and maximum performance in the world's toughest mining applications.



COMPONENTS & SYSTEMS SOLUTIONS

- Wear Parts & Liners
- Crusher Components
- Screening Media
- Conveyor Components
- Hydraulic & Pneumatic Systems
- Drivetrain & Power Transmission
- Custom Assemblies

ENGINEERING & DESIGN SUPPORT

- CAD Review
- Custom Engineering
- Design Optimization
- Prototype Development
- Reverse Engineering
- Value Engineering
- Technical Documentation

MANUFACTURING EXCELLENCE

- Qualified Manufacturers
- Robotic Welding
- Precision Machining
- CNC Laser Cutting
- Advanced Fabrication
- Surface Treatment
- Quality Manufacturing

QUALITY & TESTING ASSURANCE

- Incoming Inspection
- In-Process Verification
- Load & Cycle Testing
- Functional Testing
- NDT & Metallurgy Testing
- Traceability & Reporting
- Continuous Improvement

LOGISTICS & SUPPLY CHAIN SOLUTIONS

- Global Sourcing
- Production Oversight
- Logistics Coordination
- Inventory Programs
- On-Time Delivery
- Packaging Solutions
- Release Management


WEAR PARTS & LINERS


CRUSHER & MILL COMPONENTS


CONVEYOR SYSTEMS & COMPONENTS


HYDRAULIC & PNEUMATIC SYSTEMS


DRIVETRAIN & POWER TRANSMISSION


STRUCTURAL & FABRICATED PARTS

STANDARDS & CERTIFICATIONS – CERTIFIED SUPPLIER PER IATF 16949 / ISO 9001

- ISO 9001
- Industry-Specific Standards
- Customer-required Certifications
- ISO 14001
- RoHS Compliant
- CE Certified

OSANTS ADVANTAGES

- Specialized in mining components & systems
- Built for extreme duty & 24/7 operations
- Wear-resistant materials & advanced metallurgy
- Tested for reliability & long service life
- Easy installation & maintenance
- Reliable global supply chain partnerships



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MINING COMPONENTS & SYSTEMS SOLUTIONS