

第十九届中国国际煤炭采矿技术交流及设备展览会

26 - 29 October 2021

New China International Exhibition Center (NCIEC) Beijing, P.R. China

www.chinaminingcoal.com

# **Exhibits Profile**

#### **Underground Mining**

- Coal Mining Equipment
  - Shearer
  - Coal Plough
  - o Coal Auger
  - Shearer Parts
- Working Face Support
  - Coalface Hydraulic Support
  - End Support
  - Transition Support
  - Laneway Support
  - Monoblock Hydraulic Support
  - Metal Roof
  - Hydraulic Support Parts
- Working Face Conveying Equipment
  - Scraper Conveyor
  - o Stage Loader
  - Working Face Crusher
  - o Belt Self-advancing unloading device
  - o Stage loaders headdrive and Mobile Tail Drive
  - AFC Parts (Chain/ Endless Chain)
  - Dispatch Winch

## **Underground Tunneling**

- Mechanized Tunneling Equipment
  - o Full Face Tunnel Boring Machine
  - Tunneling Shield
  - o Rock Drilling Rig
  - Partial-Face Excavation Machine
  - Boom-Type Roadheader



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- Bolter Miner
- Continuous Mining Shearer
- o Jumbo Loader
- o Micro Shield
- Pipe Jacking Machine
- Shaft Drilling Machine
- o Raise-Bore Machine
- Chamber Tunneling Machine
- o Inclined Shaft Sinking Machine
- Tunneling Machine Spare Parts
- Mine Tunneling Equipment
  - o Drill Jumbo
  - Rock bolting rigs
  - o Rock Drill
  - Wet Spray Trolley / Pulp Sprayer
  - Mechanical Scaler
  - Drill Machine
- Back Up System
  - Segment Erector
  - o Loader
  - Granby Car
  - Underground Bowl Scraper
  - Underground Mine Truck
- Supporting Machines and Tools
  - o Anchor Drill
  - o Roadway Repair Machine
  - Tensioner
  - o Rock Drilling Tool (Drill Rod / Drilling Head)
  - o Anchor Rod / Anchor Cable / Anchoring Agent
  - Anchor Coupling Machine



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#### **Underground Transportation**

- Belt Conveyor
  - Belt Conveyor
  - o Float Dynamics Conveyor
  - o Belt Reversed Loader
  - Drum (Vulcanized)
  - o Mobile Tail Piece
  - o Conveyor Belt/ Conveyor Connector/ Conveyor Repair Technology
  - o Idler/ Cleaning Device/ Corrector/ Brake
- Auxiliary Transportation Rail Transportation
  - o Battery Locomotive
  - Overhead Line Electric Locomotive
  - Oil Extraction Tractor
  - Underground Miner Car, Spake/ Flatbed Truck/ Minecart/ Shuttle Car/ Bunker Train
  - Car Dumper/ Car Pusher/ Creeper/ Car Stop
  - Monorail Hoist/ Monorail Crane
  - Overhead Manriding Carriage
  - o Rack Rail Locomotive
  - o Floor-mounted Rail Locomotive
- Auxiliary Transportation Trackless Transportation
  - Winch
  - Trackless Tyred Vehicle
  - o Rubber-Tyred Locomotive
  - Hoisting Equipment
- Mine Hoisting
  - Hoist
  - Skip/ Cage/ Bucket
  - o Cage Guide / Brake / Safety Catcher
  - Inclined Shaft Hoisting



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#### **Coal Mine Electromechanical and Power**

- Coal Mine Power Supply
  - Mobile Substation
  - Transformer
  - Combination Switch/ Feeder Switch
  - High/Low Pressure Frequency Inverter
  - o Electromagnetic Starter
  - Leak-Protective Device/Protector/ Low Pressure Guard Box
  - Electric Reactor/ Capacitor
  - o Electric Control Panel
  - Coal Mine Cable / Cable Connector
- Electric Machine
  - Explosion Proof Electric Motor/ Engine
  - o Permanent-magnet Motor
  - Power Generating Equipment
  - Diesel Engine/ Engine
- Pump
  - o Emulsion Pump Station
  - o Spray Pump Station
  - o Hydraulic Pump
  - o Plunger Pump
  - Grouting/ Fracturing Pump
  - Cooling Pump
- Hydraulic Transmission
  - o Hydraulic Motor
  - o Oil Tank/ Oil Cylinder/ Hydraulic Cylinder
  - o Hydraulic Control Valve
  - Transmission Products (Bearings/ Coupling/ Accumulator)
  - o Gearbox/ Gear Reducer/ Reduction Drive/ Backstop / Torque Limiter
  - Oil Tube/ Hose/ Pipe Joint / Pipe Sleeve
  - Cooler/ Heatbooster
  - o Filter Apparatus/Filter Cartridge/ Fluid Gauge



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- Seals
- Compressor Equipment
  - Mine Air Compressor
  - o Pneumatic Motors.
  - AirFilter/ Deoiler
  - Pressurized Gas Storage Tanks /Gas Tank
  - o Air Pipe Network
- Rigs
  - Directional Drilling Rig
  - o Top Cutting Rig
  - o Tunnel Drilling Rig
  - o Deephole Drilling Carriage
  - o Raise Boring Rig

### **Coal Mine Auxiliary Production System**

- Drainage Equipment
  - Submersible Pump/ Slurry Pump/ Centrifugal Pump
  - o Mine Water Treatment Equipment
- Ventilation Equipment
  - Centrifugal Ventilator
  - Partial Ventilator
  - Dust Control System/ Dedusting Fan
  - o Airflow Reversing Equipment / Diffuser/ Fan Drum
  - Smart Pressure-Free Damper
- Communication and Lighting Equipment
  - Mine Wireless Communication
  - Coal Mine Dispatching Broadcasting Communication system
  - o Coal Mine Video Surveillance System
  - Coal Miner's Lamp/ Charging Frame
  - o Coal Mine Phone
  - Explosion Proof Lamp
- Safety Production and Rescue



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- Safety Production Monitoring System
- Underground Fire Prevention and Extinguishing System
- Nitrogen Generating Equipment and Piping System
- o Gas Detection And Drainage System
- Water Exploration Equipment
- Underground Life Saving Cabin
- o Coal Mine Self-Help Rescue Equipment
- Environmental Protection System
  - o Mine Environmental Protection and Reclamation
  - Gangue Filling Equipment
  - Mining Equipment for Surface Under Water Bodies, Building & Railway
  - Waste Water Treatment Solution
  - Sewage Treatment Plant

#### **SMART Mine & Automation**

- Coal Mine Automation
  - o Automation and Intelligent System of Fully Mechanized Mining Equipment
  - o Roadheader Automatic Control System
  - Unmanned Transportation System in Smart Mine
  - Mine Hoisting Automatic System
  - o Intelligent Ventilation System
  - o Intelligent Power Distribution Monitoring System
  - o Pump Station Performance Evaluation System
  - Coal Preparation Equipment Monitoring
  - Underground Pressure Observation System
  - Unmanned Integrated Management System
  - o Intelligent Operation Management System
  - Management System for Underground Coal Mine Personnel
- Supporting Technology for Coal Mine Automation
  - o Explosion-Proof Computer
  - Switch/ Industrial Server
  - Fiber Optic and Radio Frequency
  - Remote Control
  - Sensor/Radar
  - Solutions for IOT



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- Iris Analyzer
- Coal Mine Robot

#### **Coal Processing & Utilization**

- Coal Washing Equipment
  - Sieving Equipment
  - o Intelligent Dry Separating Equipment
  - o Intelligent Gangue Separation
  - Sieve Plate
  - o Filter-Press/ Jigging Machine/ Flotation Machine
  - o Dense Medium Cyclone
- Coal Processing and Utilization
  - Coal Chemical Industry
  - o Coal Derived Oil
  - Clean Coal Technology

#### **Open-Air Mining**

- Open-Air Mining Equipment
  - Opencast Shearer
  - o Power Shovel
  - Hydraulic Excavator
  - Bucket Wheel Excavator
  - o Drilling Car/ Drilling Rig
- Transportation Equipment
  - o Loader
  - Mine Truck
  - o Electric Wide Body Car
  - Scraper
  - Mining Dump Truck
- Auxiliary Equipment
  - Cycle/ Jaw Crusher
  - Generator Set



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#### **Coal Mine Services and Engineering**

- Trading Service
  - Design / Consultant Service
  - Agency Trade
  - News Media
  - Government/ Association
  - Education Training/ Labor Service
  - Finance/ Leasing/ Insurance
  - o 2nd Hand Equipment
  - o Labor Protection And Occupational Health
  - o Software/ Mechanical & Electrical Equipment Manufacturer
- Exploration and Mine Construction
  - Land Exploration and Mine Survey
  - Mine Construction
  - Project Contracting
  - Trusteeship
  - o Turn-Key Engineering
  - o Development and Utilization of Coalbed Methane
  - Coal Mine Cooling
  - o Coal Preparation Plant Management and Operation

# Mine Material/Instruments and Processing

- Mine Resources & Materials
  - Mine Oil (Lubricant/Emulsifying Oil/ Concentrated Liquid)
  - Non-metallic Safety Material
  - Safe Explosive Materials
  - Chemical Product
  - Wear-Resistant Materials/ Steel Plate/Rail
  - Wire Rope and Testing Service
  - Carbide Alloy/ Cutter
  - o Lithium Battery Power
  - o Industrial Mining Tire/ Wheel



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- Mine Equipment/ Apparatus/ Instrumentation
  - Manual/ Electrical/ Power Tool
  - o Geophysical/ Measuring Instrument
  - o Temperature/ Gas/ Pressure Detection Equipment
  - Coal Quality Analysis
  - Automation Instrumentation
- Processing & Utilization
  - Laser Cladding
  - o Remanufacturing / Equipment Restoration
  - Welding Technique/ Welding Material
  - Forging Process
  - Honing Process
  - o Internal Spraying