

VOLTAS
A TATA Enterprise



**Mining Machinery Solutions
and
Value Added Services**



Mining Machinery Solutions

Mining & Construction Equipment Division



(M&CE) of Voltas Limited has been serving the cause of mechanization and modernization for over 6 decades, serving as a vital value-adding link between manufacturers, suppliers and end-users.

Over the decades, it has established a large and appreciative customer base in the mining and infrastructure industry. In conjunction with globally renowned manufacturers, M&CE offers its customers a comprehensive package of state-of-the-art equipment, product and value-added service support in Mining & Construction Equipment.

As technology transforms the style and scale of the core mining sector, M&CE plays a vital role in making the latest and most efficient surface mining equipment available to Indian end users, especially for mining of coal, iron ore, copper, zinc and lignite. Today M&CE supports equipment in India through their nation-wide network of sales & service offices and warehouses, Heavy Engineering Shop conveniently situated on job sites. Equipped with a highly professional support engineering team, the division offers a variety of value-added services like Annual Service Contracts, Operations & Maintenance contracts, Annual Maintenance contracts, Comprehensive Maintenance Contracts, Complete Overhauls & Refurbishing and Training for operators & maintenance crew at job sites, Repairs & Refurbishments of Dumpers, Shovels, Draglines, Buckets, Boom, Dipper Handle, Dump bodies etc.

At Voltas we aim to work together with our Mining clients to deliver project profitability and to maximize the return on investment on capital mining machineries. The Mining Machinery Services of Voltas limited involve s Business Development , Maintenance, Refurbishment, and Service support for Heavy Duty Earthmoving Mining Machineries. At Voltas M&CE, we are approachable and accountable with a culture built on the delivery of excellence in product and service offerings and the fulfillment of projects safely and to a high level.

Mining Machinery Service Offerings



Voltas, Mining Machinery Solutions (MMS) offers full flexibility in the ability to outsource the management of all Heavy Earth Moving Machinery maintenance. Maintenance and repair is essential to enhancing machine performance and reliability, therefore optimizing production.

At Voltas Mining Machinery Solutions we can fully tailor any type of Service; Maintenance & Parts contracts to allow our clients to concentrate on running the operation.

- Turnkey Erection & Commissioning of ultra large class Mining Machineries for both Opencast & Underground Mines.
- Equipment Health Audits Maintenance & Repair Contracts (MARC).
- Annual Maintenance Contracts (AMC) / Annual Service Contracts (ASC)
- Equipment Rehabilitation & Remanufacturing
- Remen Exchange Programmes of critical assemblies and sub-assemblies of Dump Trucks & Excavators
- Operations & Rental Contracts
- Operator and Maintenance Crew Training as per OE standards
- Preventive and Periodic Maintenance programmes including condition monitoring and SOS programmes.
- Guaranteed parts Cap Contracts (GPCC) / Depot Agreement Contracts / Rate Contract for OE / OPM Parts
- Running maintenance of conveyors, different equipment ,emergency work arrangement to different location of Coal Handling Plant (CHP) 24/7
- Highly sensitive & skilled job including removal of foreign material from inside receiving hopper of CHP.
- Dismantling of damaged assembly/sub assembly pulleys rolling elements, drive units, conveyor, take up units etc.



Voltas, Mining Machinery Solutions (MMS) offers full flexibility to its customers with world class Value Added Services like Maintenance contracts, Service contracts, Life cycle contracts, Parts cap contracts, Spare parts Depot & Rate contracts etc.

Benefits & Guaranteed Solutions



Voltas Mining Machinery Solutions sets benchmark in equipment reliability and service and deliver above industry standards for complete machine maintenance & refurbishments. Our strategically located state of art Heavy Engineering Workshop in Central India along with field Services team across different mining verticals from Coal to Iron Ore to Zinc Ore are equipped with requisite tools, equipment's & mobile service van that enables us in providing a comprehensive range of mining fleet maintenance services.

The Key benefits of our solutions guarantee:

- Enhanced machine performance and reliability
- Optimized Production
- Increased availability with a guaranteed cost per hour
- Productivity management
- Maintenance Cost Reduction

At Voltas, we believe that service is the backbone for sustenance and futuristic growth and in mining industry it is even more imminent as the equipments are of capital intensive in nature and hence service support to these equipments through outs its life cycle adds utmost significance. The host of value added services offered by Voltas delivers considerable cost savings to large mining companies.

Fundamental to our maintenance strategy is the use of industry leading asset management systems with a priority focus on timely, preventive maintenance activities. This approach helps to ensure that operating plant & machineries are maintained in accordance with accepted industry standards.



Repair & Rebuild Services



Our Maintenance Repair & Refurbishment Services in Mining Machinery solutions offer a host of solutions viz:

- Mechanical Repairs & Rebuilds
- Fabrication & Erection of Structures
- Electrical Repairs & Rebuilds of Generators and Motors.
- Sand-blast and Repaint per Original standards
- MIG Welding / TIG Welding/Arc Welding/ Plasma Arc Welding/Gas Welding
- Ultrasonic testing (UT), Radiographic testing (RT), Electromagnetic testing (ET), Magnetic particle testing (MT), Liquid / Die penetrant testing (DPT) and Visual Testing.
- Mechanical, Heat and Electromagnetic Stress Relieving
- Engine / Transmission Rebuilds & Overhauls

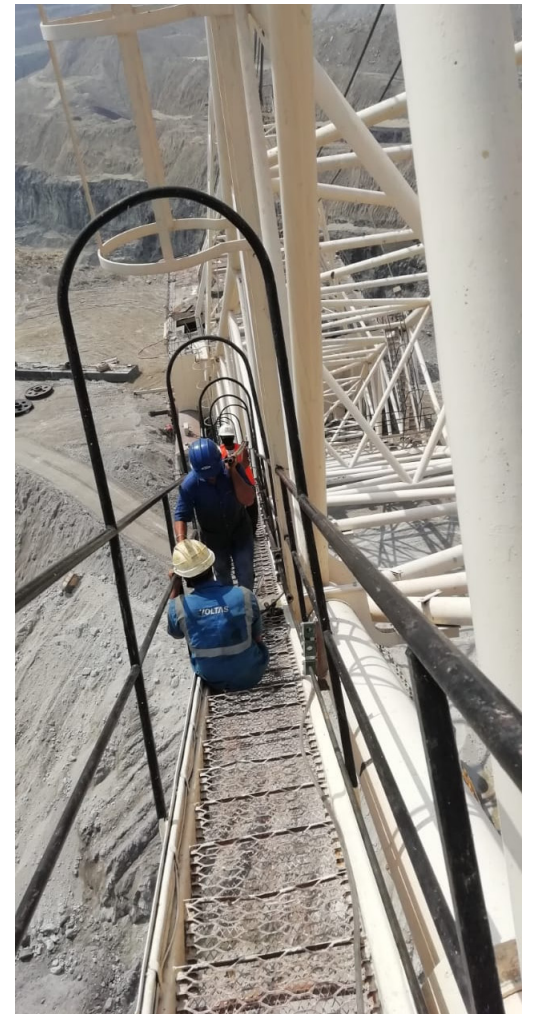


Our Distinctive Competence



- Enhanced Equipment life through Rebuilds and up gradations
- Quality components & Alternate Spare parts sourcing for contract cost effectiveness with timely recommendation of Spare parts & Wear parts along with timely delivery
- Risk taking ability- based on Condition monitoring
- Independent of Financial & Commercial responsibility of contract
- Guaranteed MTTR (Mean Time to Restore) and MTBF (Mean time before failures) in service contract
- GET(Ground Engaging Tool) Maintenance at lower cost
- Reduced life cycle cost of equipment compared to competitors' machines
- Rapid Manpower & Resource mobilization
- Proven commercial & operational Flexibility.
- Professionally High level of service and quality offerings
- Reduced Reliability Risk
- Quality Service & Application Expertise

At Voltas Mining Machinery Solutions, we offer a unique service model with our technical ability to leverage the experience and relationships that assist Mining companies in the acquisition of appropriate equipment on behalf of the company. Our high response levels help us in gearing up with resources whenever a Greenfield or a Brownfield mining project needs it. At Voltas, We are always a preferred company to work with owing to the inherent Tata Code of conduct, high levels of ethics and transparency. Additionally, the flat operational hierarchy structure makes the team offer more adaptable and flexible solutions to all kind of challenges at work by leveraging on the experience and relationships that support Mining transparency and ethics along with flat operational hierarchy structure which makes the team offer more adaptable and flexible solutions to any work challenges technical ability to leverage the experience and relationships that assist mining.



Contact US

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