



Lornbase Mining and Construction Limited

Company Profile 2026

Mining development | Equipment hire | Maintenance and repair
Skilled labour | Equipment and parts supply



October 2026

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Company Overview

Lornbase Mining and Construction Limited is a Zambian mining services company providing underground mining development, equipment hire, maintenance and repair, skilled labour and procurement support. Our work combines practical engineering experience with the equipment and personnel needed to support production.

Lornbase was incorporated on 4 August 2000. The incorporation certificate records Lornbase Limited under company registration number 45209. We serve mining and industrial clients from our Luanshya head office, with operations and project experience in Kitwe, Mufulira and Lumwana.

Company detail	Current information
Incorporated	4 August 2000
Registration number	45209 Lornbase Limited on the incorporation certificate
Head office	Plot 1392 H. Figov Road, Town Centre, Luanshya, Zambia
Current development	Equipment acquired for the Mopani contract, including DALI underground loaders
Financing	US\$4 million ZANACO facility secured and being serviced

Our Purpose

We provide equipment and technical services that help clients maintain production, control downtime and deliver mining work safely. We aim to build lasting relationships through dependable service, suitable equipment and clear accountability.

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Core Services

Lornbase supports underground and surface mining operations through services tailored to the client's site, equipment and production requirements. Contract delivery can combine equipment, operators, technical labour, parts and maintenance support.

Underground Mining Development

Our mining experience includes secondary development, reclamation, face development and longhole drilling assignments. We support drilling, lashing and materials handling with underground loaders, drilling equipment and experienced supervision.

Development teams coordinate shift preparation, drilling accessories, equipment readiness and technical support. Our experience covers conventional pneumatic drilling and trackless operations, including work at Mopani mine sites.

Equipment Hire and Support

We supply underground loaders, underground dump trucks, drilling rigs and supporting equipment for mining assignments. Equipment selection is matched to the working area, material handling requirement and contract scope.

Hire and operating arrangements can include maintenance, operator support, critical spares and technical assistance. Site mobilisation addresses transport, receipt, inspections and the fitments required for the intended operating environment.

Maintenance and Repair

We undertake Maintenance and Repair Contracts (MARC), planned servicing, breakdown response, equipment recovery and component replacement. Our experience covers mobile and fixed plant, diesel engines, hydraulics, electrical systems and heavy equipment repairs.

Maintenance planning focuses on machine availability, spare parts readiness and reducing avoidable downtime. Support includes workshop repairs, field service, rebuild work and maintenance management aligned with the client's production targets.

Skilled Labour and Operational Supervision

We provide engineers, technicians, artisans, heavy equipment repair personnel, plant fitters, electricians and mining operators. Teams can be deployed for maintenance contracts, equipment operation, recovery programmes and specific project assignments.

Mining supervision, safety personnel and stores support provide the coordination needed to keep work organised across shifts. Skills development and practical equipment knowledge remain central to the way we deliver our services.

Equipment and Parts Supply

Our procurement services cover mining equipment, genuine and OEM parts, drilling tools, components, industrial cables and workshop consumables. Local and international sourcing supports both planned procurement and critical replacement requirements.

Current Mopani Contract

Lornbase has acquired the machines required for its Mopani contract. The acquisition strengthens our underground equipment capacity and provides the assets needed to support contract delivery.

Equipment Acquisition and Mobilisation

The new equipment includes DALI underground loaders. The delivery photographs show machines received at site and prepared for the safety fitments and inspections required before underground deployment.

The mobilisation programme includes fire suppression installation, marker light fitment and Mopani TM3 inspection. These activities form part of preparing the machines for the mine operating environment.



DALI WJ-4 underground loader received for the Mopani contract mobilisation.

ZANACO Financing

Lornbase secured US\$4,000,000 in financing from ZANACO to support the equipment acquisition and delivery of the Mopani contract. The facility is already being serviced.

This investment provides a practical basis for contract delivery by linking acquired equipment with Lornbase's mining, maintenance and operational experience.

DAI Underground Loaders

The recently acquired DAI loaders expand Lornbase's capacity for underground loading and material handling. The WJ-4 is a diesel Load Haul Dump (LHD) loader designed for underground mining applications.



Newly received DAI loaders parked during site mobilisation.

WJ4 Manufacturer Reference Specifications

Parameter	Published standard model data
Equipment type	Diesel underground LHD loader
Standard bucket	4 m ³
Rated payload	10,000 kg (10 tonnes)
Tramming dimensions	9,422 × 2,600 × 2,430 mm
Operating weight	25,500 kg
Engine model	Deutz BF6M1013FC
Rated engine power	223 kW at 2,300 rpm
Transmission components	DANA C5000 torque converter and RT36000 gearbox

These values describe DAI's published standard WJ-4 model. Individual machine configuration and site safety fitments are specified for the equipment supplied.

Manufacturer reference [DAI WJ4 product data](#)

Equipment Experience

Our equipment experience covers machines acquired, supplied, hired, operated or maintained on mining assignments. The selected models below illustrate that experience; equipment deployment and hire availability are agreed for each contract.

Equipment	Recorded application or capability
DALI WJ-4	Recently acquired underground loaders for the Mopani contract; standard model reference of 4 m ³ and 10 tonnes
SinoME or Anchises ACY-3L	Underground diesel loader; 3 m ³ and 7-tonne class; units supplied on Mopani assignments
Wagner Scooptram ST3.5	Underground loader used on hire and reclamation assignments
Toro 007	Underground loader recorded at 4.6 m ³ and 10-tonne class
Sandvik Toro 301D	Underground diesel loader supplied and supported
Sandvik Toro LH401	4 m ³ underground diesel loader supplied on a Mindola North Shaft assignment
Sandvik DD321 and DD421	Face development drilling rigs
Sandvik DL330	Longhole production drilling rig
Epiroc Minetruck MT436B and MT2000	Underground dump trucks supplied for reclamation work
Seco S25 or S21 and S36 IR	Pneumatic rock drilling equipment with air legs, rods, bits and accessories
Forklifts	5-tonne forklifts recorded on hire at the Lumwana process plant
Caterpillar equipment	Dump trucks, articulated trucks, loaders, dozers, graders and support equipment maintained for clients
Hitachi equipment	EH4500 and EH5000 dump trucks and excavators maintained for clients
Komatsu equipment	HD785-7 dump trucks and other equipment supported through maintenance and parts supply

Support for Client Fleets

Lornbase's maintenance experience includes large client fleets at Lumwana and underground machines at Mopani. These maintenance assignments demonstrate our technical capability and are separate from the equipment supplied under hire contracts.

Mopani Maintenance Experience

Lornbase's management and technical experience includes underground maintenance assignments at Mopani mine sites dating from 2006. The work covered loaders, dump trucks and utility vehicles under Maintenance and Repair Contracts.

Period	Site or assignment	Equipment and scope
2006	Kitwe Central Shaft	MARC for 4 Toro machines
2007 to 2008	Mufulira No 7 Shaft	MARC for 14 Toro machines
2007 to 2008	Kitwe Central Shaft	MARC for 4 Caterpillar Elphinstone machines
2007 to 2008	Mufulira No 7 Shaft	MARC for 5 Caterpillar Elphinstone machines
2007 to 2008	Kitwe SOB Shaft	MARC for 6 Land Rover utility vehicles
2007 to 2008	Mufulira No 7 and No 14 shafts	Maintenance of Caterpillar dump trucks
2007 to 2008	Kitwe Central Shaft	MARC for 6 Atlas Copco Scooptram loaders
2007 to 2008	Mufulira West Portal	1 electric Wagner loader and 4 Toro LHD machines; 75% availability target achieved

Additional Underground Maintenance Work

Assignments included maintenance of two Toro LHD machines for Mpelembe Drilling Company at Mufulira and work with Beekabad Engineering on three Atlas Copco Scooptram ST1030 loaders at No 7 Shaft. Both assignments recorded achievement of a 75% availability target.

Recovery and Reconditioning

Reconditioning work included two Caterpillar R1700 LHD machines, supported by parts supply and repairs. A separate electric Wagner LHD reconditioning assignment was completed, tested and commissioned in 2008.

Historical Mopani maintenance assignments recorded equipment availability ranging from approximately 65% to 85%. These figures describe the assignments and reporting periods concerned.

Lumwana Maintenance Experience

At Barrick Lumwana, Lornbase undertook maintenance, equipment recovery and parts supply for major mining fleets. Work began in August 2012 with Caterpillar equipment recovery and continued with Hitachi recovery assignments and component supply in 2013.

Historical fleet support	Recorded equipment
Caterpillar	More than 100 machines across the maintenance fleet
Hitachi	32 EH4500 dump trucks, 8 EH5000 dump trucks and 5 excavators
Komatsu	14 HD785-7 dump trucks

Recovery Programme Results

- August to December 2012: 75% of the Caterpillar equipment previously on breakdown was repaired and returned to operation.
- January to February 2013: 60% of the Hitachi trucks previously on breakdown were returned to production. The initial breakdown level was recorded at 70% of that fleet.
- Recovery work included engine, traction motor and spindle replacement, together with major welding repairs to cracked dump truck frames.
- Historical equipment availability was recorded in the range of 65% to 73% for the assignments concerned.



Hitachi EH4500 haul truck from Lornbase's equipment maintenance portfolio.

Supporting work included critical Caterpillar parts supply, starter motors, servicing and component replacement. The recovery programmes combined workshop repairs with technical personnel dedicated to restoring equipment to production.

Workshop and Component Recovery

Our workshop support covers planned servicing, equipment recovery, component replacement and mechanical and electrical repairs. Recovery work has included engine changes, traction motors, spindles and welding repairs to dump truck frames.



Heavy equipment in the workshop during maintenance and recovery work.



Euclid haul truck and diesel engine included in Lornbase's workshop and component recovery portfolio.

Condition Monitoring

We coordinate oil wear and coolant analysis with specialist laboratories, supported by site audits and technical assessment. The results help identify component wear, inform maintenance schedules and plan replacement parts before equipment failures disrupt production.

Selected Project Assignments

Our project record includes equipment hire, underground development, reclamation and construction support. The assignments below identify the mine site and, where recorded, the contracting partner through whom work was delivered.

Period or assignment	Client site and contracting arrangement	Recorded scope
November 2017 to July 2018	Mopani, Mufulira	Hire of 2 new ACY-3L diesel LHD loaders
January to July 2019	Mindola North Shaft, Mopani; contract with ALPAT Mining and General Services	Mining development and longhole drilling; 1 DL330 rig, 2 ACY-3L loaders, 1 DD321 rig and 1 Toro LH401 loader
October 2021 to December 2022	Mopani reclamation site, Mufulira	Hire of 2 ST3.5 underground loaders, 1 MT436B underground truck and 1 MT2000 underground truck
Secondary development	Mopani No 14 Shaft, Mufulira; work under contract with NIGMOR Limited	Underground secondary development and technical support
Construction and maintenance	Work with Avantech Limited at Ndola Lime and other recorded industrial assignments	Construction support and maintenance of Caterpillar front end loaders and dozers

Other Mining and Industrial Experience

Our record also includes supply and contractor work involving Konkola Copper Mines, Luanshya Copper Mines, NFC, Ndola Lime and Chilanga Cement in Ndola. Services have included parts supply, equipment maintenance and construction support.



SinoME underground loaders from Lornbase's equipment portfolio.

Parts and Procurement

Lornbase supplies genuine and OEM parts, replacement components, mining equipment and industrial consumables. Procurement is supported by local sourcing and international supply relationships, including access to suppliers in South Africa.

Equipment Parts and Components

We source parts for Caterpillar, Sandvik, Komatsu, Hitachi, Bell, Atlas Copco, Epiroc, Liebherr, GHH, Furukawa and other mining equipment brands. Component supply covers diesel engines, starters, alternators, electronic control modules, hydraulic motors, pumps, cylinders and injection equipment.

Service exchange arrangements support replacement of selected new and reconditioned components. Technical support draws on service information and diagnostic tools, including Cat SIS, Cat Electronic Technician and engine service resources for Deutz, Detroit and Cummins equipment.

Drilling Tools and Industrial Supplies

Our supply scope includes DTH hammers, drill rods and bits, couplings, shanks and adapters, drilling equipment, hoses, pipes, bearings, seals, lubricants and workshop consumables. Industrial cable supply covers building wire, power and control cables, welding cables and overhead conductors.

Supplier and Manufacturer Relationships

Our relationship with BLC in South Africa supports access to reconditioned Caterpillar machines and used components. Lornbase has also worked with Anchises Technologies on underground loaders and equipment support, including the manufacturer's 2014 visit to Zambia.

Our industrial cable supply includes ZAMEFA products. The recently acquired DALI loaders add to the equipment supporting our Mopani work.



Lornbase parts sourcing in South Africa and replacement components supplied for mining equipment.

Brand names identify equipment and sourcing experience. Formal agency and distribution arrangements apply where specifically appointed.

People Safety and Environment

Contract delivery depends on experienced management, competent technical personnel and clear responsibility at site. Our leadership and operational teams coordinate engineering, equipment support and mining assignments.

Leadership	Role
Gelson Mwale	Chief Executive Officer
Chisenga Lumano	Director Engineering
Godfrey Musukwa	Head Operations

Technical Teams

Our workforce includes engineers, heavy equipment repair technicians, mechanical and electrical artisans, plant fitters, operators and mining supervision. Teams are organised around the contract scope, with safety personnel and stores support for site operations.

Safety and Environmental Management

We are committed to a safe and healthy working environment for employees, contractors and the surrounding community. Our approach combines supervision, training, inspections and the resources needed to carry out work safely.

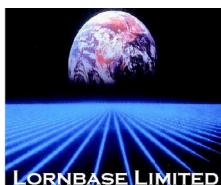
Our safety and environmental management certifications include ISO 45001:2018 and ISO 14001:2015.

- Site induction, equipment familiarisation and task supervision.
- Planned maintenance, inspections and attention to critical machine systems.
- Safety fitments and mine inspections as part of equipment mobilisation.
- Responsible handling of parts, lubricants and workshop waste.



Lornbase maintenance personnel and management at the Lumwana workshops.

Contact and Company Documents



Head Office

Lornbase Mining and Construction Limited
Plot 1392 H. Figov Road
Town Centre
P.O. Box 91045
Luanshya, Zambia

Enquiry	Contact
Telephone	+260 977 863 707
Alternative telephone	+260 964 833 722
General enquiries	info@lornbase.com
Sales	sales@lornbase.com
Accounts	accounts@lornbase.com
Safety	safety@lornbase.com
Website	https://lornbase.com

Project and Service Enquiries

Contact our team to discuss mining development, equipment hire, maintenance contracts, skilled labour and parts supply. Our project experience covers Kitwe, Luanshya, Mufulira and Lumwana.

Company and Compliance Documents

The certificate of incorporation is included in the appendix. Please contact our head office for other company registration documents, statutory compliance records, insurance information and supporting documentation relevant to your vendor registration or project requirements.



Visit lornbase.com
October 2026

Certificate of Incorporation

Lornbase Limited | Registration 45209 | Incorporated 4 August 2000

Company Registration No. 45209

REPUBLIC  OF ZAMBIA

**CERTIFICATE OF INCORPORATION
OF A PRIVATE COMPANY LIMITED BY SHARES**
(Section 10)

This is to certify that

LORNBASE limited (company name)

is on and from the 4th day of August 2000
incorporated as a private company limited by shares.

Given under my hand and seal in Lusaka, Zambia, this 4th day of August 2000

 
N.J. Moola,
Acting Assistant Registrar of Companies

[Note that this certificate is not valid unless the official seal of the Registrar of Companies has been affixed]