



## COMPANY PROFILE

ACTOM, offering a winning and balanced combination of manufacturing, service, repairs, maintenance, projects and distribution of electro-mechanical equipment through its 33 outlets throughout Sub-Saharan Africa.

# ACTOM

# ACTOM divisions at a glance

ACTOM (Pty) Ltd is a level 1 B-BBEE Contributor with 59.65% Black Ownership and 35.63% Black Women Ownership. It is the largest manufacturer, solution provider, repairer, maintainer and distributor of electro-mechanical equipment in Africa, offering a winning and balanced combination of manufacturing, service, repairs, maintenance, projects and distribution through its 33 outlets throughout Sub-Saharan Africa.

ACTOM is also a major local supplier of electrical equipment, services and balance of plant to the renewable energy projects.

It also holds numerous technology, distribution and value added reseller agreements with various partners, both locally and internationally.

## POWER



John Thompson is the leader in energy and environmental solutions through value engineering and innovation. Firmly focussed on serving global and local markets, we offer the following products and services: Design, engineer, manufacture, construct, install and commission Industrial Water Tube and Package Boilers, and Industrial Environmental Solutions (design, manufacture and installation of industrial air-conditioning and ventilation systems including air pollution control systems). We service, maintain, repair and retrofit utility and power boilers, coal mills, burners, ducting, bunkers, PF piping, electrostatic precipitators and fabric filter systems on utility power plants. Our technology partnership with Hamon Belgium enables us to offer new electrostatic precipitators and flue gas desulphurisation plants. Our service further includes capacity and efficiency improvements to older boilers, supply of original equipment manufacturer (OEM) spares, reliability studies and metallurgical services.

## ENGINEERING PROJECTS AND CONTRACTS



ACTOM Industry, the group's Mine winder experts with modern power electronic drive, control and switchgear technology, providing turnkey solutions worldwide for specialised industrial rotating drive and power applications in mining, metals, paper and process industries. We manage projects from design to commission; inspect & maintain; provide emergency support; do repairs and we perform magnetic rope testing.

ACTOM Power Systems, the group's substation construction contractor, is ACTOM's systems integrator, responsible for turnkey projects for the electrical power, mining and manufacturing industries, as well as for public sector infrastructure. It specialises in Renewable balance of plant installations.

ACTOM Contracting is a specialist electrical and instrumentation contractor serving a wide range of industries.

ACTOM Transport has a comprehensive turnkey capability in the fields of railway automation, signalling and control systems and traction equipment systems and components. Transport comprises three trading units, namely:

ACTOM Signalling designs, manufactures and installs railway signalling equipment and turnkey systems covering train control systems, track side equipment, interlocking, remote control, automatic train routing and train management information.

ACTOM Transport Equipment and Projects is a contractor and supplier of rolling stock equipment, parts and maintenance services. They also provide specialised depot assembly and test equipment such as wheel presses, bogie testing presses, various test equipment and power supplies through their representation in Southern Africa of BBM and IRMIE Impianti of Italy.

## ARNOT Vibration Solutions

Suppliers of anti-vibration products and engineered solutions to a wide range of industries including for rolling stock.

ACTOM Energy is a project business with front end engineering capabilities and technical expertise. It is able to provide customers with optimal solutions through the integration of ACTOM's wide range of locally manufactured products as well as those from other leading suppliers, both locally and internationally. From C&I, protection and controls, automation, electrical installations, commissioning, auxiliaries, security and safety, black start standby power generation, MV electrical yards, condition monitoring including remote data logging, maintenance and repairs just to name a few. ACTOM Solutions can assist clients across a wide spectrum of industries in South Africa and Sub-Sahara Africa with most of their existing or new plant requirements.

LHM Coastal region is a leading maintenance partner for rotating machines - servicing traction, power generation, mining, utilities, oil & gas and general industry.

KOEBEC Electrical and Engineering Services High, medium and low voltage installations and modifications, project management and commissioning.

## HIGH VOLTAGE EQUIPMENT



ACTOM High Voltage Equipment (HVE) is a leading manufacturer and supplier of high



voltage equipment which complies with international standards. The HVE division is backed by the resources and expertise of many global technology partners. The division is well placed to partner with local customers in the design and implementation of Power, Transmission & Distribution Infrastructure projects.

## MEDIUM VOLTAGE SWITCHGEAR



**ACTOM MV Switchgear** is a leading manufacturer and supplier of air-insulated (AIS) and gas-insulated (GIS) switchgear for use up to 36kV. The product range consists of indoor switchgear, containerised switchgear solutions, compact substations for renewable energy applications, minisubs, free-standing outdoor kiosk ring main units and bulk metering units. The division also specialises in the repair and maintenance of electrical networks.

**WPI** specialises in the repair, installation and maintenance of electrical networks via its After sales department and WPI regional branch network that is technically well equipped and strategically placed close to the customer base. The department offers 24/7 customer support for substations, MV and LV switchgear and associated products.

**Current Electric** designs, manufactures and supplies medium voltage current and voltage transformers to switchgear manufacturers and repairers, electrical distributors and a diverse range of end-users locally and internationally.

## POWER TRANSFORMERS



**ACTOM Power Transformers** has manufactured power transformers for over 50 years. It manufactures transformers from 5MVA up to and including 315MVA with voltages up to 275kV. These transformers are supplied to electricity distribution utilities, the mining sector, industrial plants, public works authorities,

renewable energy sector and turnkey contractors. The power transformers are mostly of the step-down type, equipped with on-load tap changers, either naturally cooled or, for larger units, incorporating forced oil and air-cooling.

## DISTRIBUTION TRANSFORMERS



**ACTOM Distribution Transformers** designs and manufactures a comprehensive range of distribution transformers ranging from 16kVA up to 5000kVA for the local and export markets.

In close collaboration with utilities, municipalities, general industry, mining and the renewable energy sector, ACTOM Distribution Transformers has perfected a range of transformer solutions combining high performance, electrical suitability and compatibility with the natural environment.

ACTOM Distribution Transformers is accredited for SABS ISO 9001:2015, SABS SANS 780:2019, ISO 14001:2015 and ISO 45001:2018.

The transformers are tested to the well-established SABS SANS 780:2019 specification.

## LH MARTHINUSEN



**LH Marthinusen (LHM)** is the market leader in the refurbishment of Motors, Alternators, Transformers and Industrial Fans. LHM have facilities in Johannesburg and Phalaborwa.

LHM's all-encompassing offering comprises three focused business units: A fully equipped electric motor & alternator repair facility, a totally self-sufficient transformer facility with capabilities up to 200MVA at 275kV, and an Industrial fan service division which services auxiliary fans, radial fans and variable pitch axial fans.

The division is supported on a 24-hour basis via an extensive service team, who provide on-site service throughout Africa and the off-shore market.

LHM also manufactures specialised motors and transformers via in-house technology and manufactures improved efficiency fan impellers via its technology agreement with TLT-Turbo GmbH.

## REID & MITCHELL



**Reid & Mitchell (R&M)** are the specialists in the service and repair of high asset value Electrical equipment used in Open Cast Mine Draglines, Off-Highway trucks and Diesel Locomotives. Our world class repair workshop, shaped by an OEM heritage, is supplemented by service teams operating at our valued client sites.

**ACTOM Electrical Machines** is the leading manufacturer and supplier of electric motors in Southern Africa and exports its products to several countries. It has a long standing capability for custom-designing and manufacturing medium voltage motors up to 18MW for mining, industrial, processing and utilities markets. It has supplied motors for the bulk of Eskom's power stations over the years. It is a leading supplier of premium specification as well as standard low voltage motors, gearboxes, speed reducers and motor starters. It also manufactures laminated components and tooling for the electric motor manufacturing and repair industries.

**ACTOM Energy Namibia** supplies ACTOM electrical equipment, lighting, appliance components, cable and accessories, motors, overhead line material and all T&D Equipment through Electrical Products Namibia (EPN) based in Windhoek. Namibia Armature Rewinders (NAR), with workshops in WALVIS BAY and SWAKOPMUND provides electro-mechanical repair services to all industry sectors which include repairs to low and high voltage electric motors, generators, DC and traction motors, rotating equipment and electrical/electronic engineering services, as well as hydraulic service and spares into the off-shore oil and gas, mines and marine industries.

## MARTHINUSEN & COUTTS



**Marthinusen & Coutts (M&C)** M&C with ACTOM Turbo Machines are the leading electro-mechanical rotating machines after-market service providers in Africa, with representation throughout the continent, offering a single supplier solution for all rotating machines.

M&C services power generators, large and small AC and DC motors, flameproof motors, traction motors and transformers, and manufacture of specialised motors and components. M&C also provides a full range of engineering services including customised manufacture and design, 24/7 on-site services and unique motor and generator maintenance management solutions.

## ACTOM TURBO MACHINES



**ACTOM Turbo Machines** is a mechanical turbo-machinery and high-speed rotating equipment specialist service provider, offering engineering, machining, fabrication, and site services for manufacturing, maintenance, overhauls, repairs, installations and commissioning of all types of steam and gas turbines, compressors, blowers, pumps, fans, gearboxes, centrifuges, as well as general fabrication, conventional and CNC machining. ACTOM Turbo Machines' offer a full electro-mechanical turn-key solution for all minor and major repairs on any design or type of power-train, turbine, generator, stator or rotor.

## METALPLUS



**Metalplus** are pioneers of submerged arc welding technologies in South Africa. Reliable repairs of shafts and casings for all rotating equipment – turbines, compressors, pinions, gearboxes, electric motors, generators, pumps, paper rolls, crushers and locomotive engines. Metalplus are experts in crankshaft repair and shaft manufacturing with the largest crank shaft grinder in the Southern hemisphere. We offer machining and precision grinding of shafts up to 13m in length and 30t. Metal stitching of cast iron gears and casings and advanced welding technologies including laser welding for refurbishment without distortion.

## ELECTRICAL EQUIPMENT



**ACTOM Electrical Products** is ACTOM's trading and representation arm in Southern Africa, with thirteen strategically located branches stocking and supplying ACTOM products and other leading electrical equipment brands of cable, cable accessories, lamps, lighting equipment, heating and ventilation equipment, circuit breakers, distribution transformers, minisubs, electric motors, meters and overhead line materials.

**Genlux Lighting** produces a range of high quality LED and HID Luminaries for roadway, outdoor, area flood lighting and indoor applications. Genlux Lighting are compliant with the ISO 9001 QMS, while all luminaries carry the SANS 60598 safety mark including photometric data that is available across the range.

**Satchwell** specialises in the manufacture and distribution of an extensive range of heating products, from small heating elements and controls for the electrical appliance manufacturing industries to large industrial heaters for the chemical, mining and other industries. Satchwell Solar manufactures solar water heating panels, EVT absorbers and durable plastic geysers. The appliance spares division distributes universal products for the domestic appliance industry as well as, gas and compressors to the domestic, commercial and refrigeration industry.

## ACTOM SMART TECHNOLOGIES



**ACTOM Protection & Control** is a market leader in the supply of protection and metering solutions to the electrical industry.

Our offering includes a comprehensive range of automation systems, protection relays, credit, smart and prepayment metering systems and hosted services as well as LV motor control centres and power DB's, variable speed drives (VSD's) and components and accessories.

**Static Power** specialises in the design and manufacture of AC and DC standby equipment for the Industrial, telecomms, rail and renewable energy markets including thyristor type chargers, (Micro Processor Controlled option), industrial batteries, power supplies, industrial UPS's, furnace control panels, distribution boards and battery tripping units. All systems are designed and engineered to suit their purpose for both the local and export markets. Our success is testimony to the quality products and service to which Static Power is committed to providing the local and export markets. "We rectify the AC and convert the DC".

**Alkaline Batteries**, is the South African distributor for ALCAD and SAFT nickel cadmium and Lithium Ion batteries as well as the Intelli Connect battery monitoring systems for the industrial, telecoms, rail and renewable energy markets. The local assembly plant on the East Rand includes a collecting point for spent nickel cadmium batteries for recycling. Services offered include Installation and Commissioning, Battery Sizing, Testing, Investigations, Maintenance and Repairs, Maintenance and Service Contracts, Discharge Tests and Training. "Delivering Quality".

**COM10** is a local assembler and integrator of Alpha switchmode rectifiers, DC/DC Converters with sophisticated supervisory controllers, Haze Batteries, stands, battery cubicles and power enclosures. "Power you can depend on".