

SKMS

innovative mining solutions.



Engineering Powerhouse delivering value daily to our clients



PHILOSOPHY

Our values are the cornerstone of our business philosophy and guide the actions of our people on a daily basis.

- Never compromise on safety
- Always Listen to the customer
- Innovate in our solutions
- Achieve operational excellence
- Lead with unyielding integrity

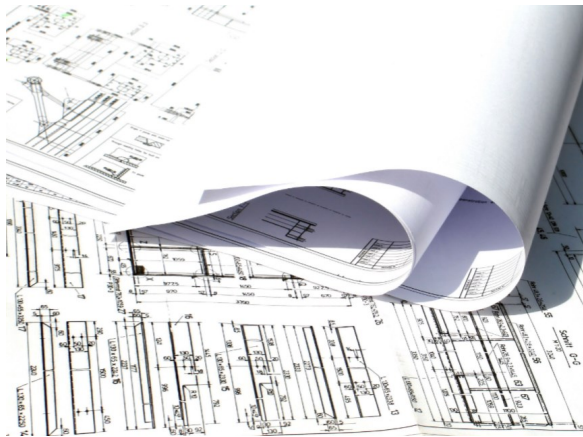
About Us

Scamont and Karlsons Mining Solutions Ltd (SKMS) with headquarters in Kitwe (Zambia), is a Joint Venture between Scamont Engineering (Pty) Ltd (South Africa) an Original Equipment Manufacturer and Karlsons Ltd (Zambia) an Engineering and Project Management Company.

Scamont Engineering has evolved over the past four decades to become an engineering powerhouse (OEM), servicing the global mining industry with its Slurry Positive Displacement (PD) pumps, Multistage Clear water pumps, and Pneumatic Rock drill product range; with the desire to bring the latest innovations to as many open pit and underground mines as possible in order to better tackle challenges facing the industry on a daily basis.

Karlsons has a heritage in the Feasibility studies, Design and Draughting, Technology Enabling, Process Improvement, General Engineering (Civil/Mechanical), Plant Installations and Mining in various sectors that dates back to the early nineties with a global team that has extensive knowledge and experience across many plant-commissioning and piloting in the mining and processing industries.

Together as a JV, SKMS provides robust, cost effective, high quality turnkey solutions to our clients in the fields of dewatering / Slurry Handling and Mine Development/ Production Drilling solutions. Further, SKMS is a distributor to various internationally renowned brands in the areas of High Wall Pumps, Submersible pumps, Vertical Spindle Pumps, Motors and Valves.



SKMS is committed to providing service excellence at all times to ensure optimal solutions with a wide range of products to support the core markets of mining, manufacturing, water/wastewater, agriculture, processing industries – to name a few.

Environment

We are supporting clients who are operating in the harshest/toughest mining conditions (Deep Mines with massive volumes of water and hard rock)

Equipment for the Right Application

We are leveraging advanced approaches for solid / liquid separation so that the right equipment is utilized for the right application (Slurry pumps for slurry handling, Clear water pumps for dewatering). This increases life of equipment, improves efficiency and reduces overall cost.



DEWATERING AND SLURRY HANDLING SOLUTIONS / EQUIPMENT

As a distributor of Scamont pumps as well as pumping solutions from other world-class manufacturers, our primary focus is delivering and servicing high quality equipment in the areas of **Positive Displacement Pumps (slurry)**, **Multistage High Lift / High Volume pumps**, **High wall pumps (Open pits)**, and **Vertical Spindle and Submersible pumps**.

We can also deliver turnkey solutions for all your pumping requirements. This includes: feasibility studies, design, supply, installation, commissioning, Operations, condition monitoring, repairs and maintenance, training, pump rentals



Power

Dynamic



Motion



POWER AND CONTROLS PRODUCTS

As Master Distributors of Teco Motors and Controls, SKMS are stockists of various motors and can offer complete range from low to high voltage motors directly from the Teco factories. In addition, SKMS can offer onsite consultations, repair capability and spares for the entire Teco motor range.

Teco established in 1956, has earned its reputation as reliable supplier of superior quality industrial electric motors and drive systems, designed and manufactured and tested to meet stringent Australian and International Standards.

TECO electric motors are regarded as one of the leading brands available in the market and are regularly specified amongst equipment manufacturers, constructor, engineering companies and major end-users alike.



In addition to Electric Motors, Teco offers high performance variable speed drives up to 3,000 kW capacities and AC/DC motor controls.

VALVES AND FLUID CONTROL

SKMS is an exclusive agent for RGR technologies' metal and soft-seated, high pressure trunnion and floating ball valves as-well as check valves. These valves are energy efficient, maintain safety and ensure constant productivity even under the most aggressive process conditions.

The flagship Reliaball valve with pressure ratings ranging from Class 300 to 1500, has built a distinguished record in harsh high pressure isolation applications. Sizes range from 2 - 24 inches.

The MS Series valves are designed for the harshest slurry media ranging from class 150 to 2500 and sizes from 2 - 24 inches. All the pressure boundary parts including the ball, stem, seat rings and bearings retainers are forged components.

All valves can be operated with a manual or actuated gearbox (electric, pneumatic, hydraulic, gas over oil)





IMRPOVED ROCK DRILL TECHNOLOGY

Development Drilling

Our Scamont Rock Drill is a semi-mechanized face advancement and roof bolting machine allowing the operator to drill consistent drilling depths from a remote supported area. Features of the machine include:

- Consistent Effective Drilling Depth (EDD) resulting in clean blasts
- Lighter and Quieter than other rock drilling equipment
- No physical strength required to collar and operate
- In line thrust giving higher penetration rates
- Semi-mechanized: Remote operated (Height adjustment, drilling, retracting)
- Reduced fogging

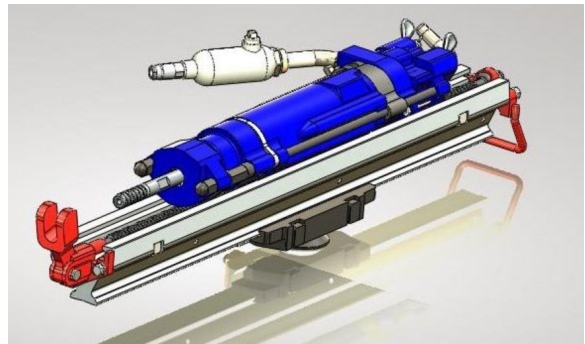


Improvements in safety and accuracy of drilling operations

Production Drilling

Our Scamont SRD 123 Rock Drill is a pneumatic machine with drilling capability of up-to 40 meters. Features include

- Easy to maintain
- Cost Effective
- 1 1/4" - 1 1/2" Chuck options
- 1900 blows per minute
- Feed: 7 forward and 1 Reverse





SPARES

We pride ourselves in planning and carrying all spares and repair kits for our complete product suite locally in Kitwe. This minimizes any downtime for equipment deployed at sites.

REPAIRS & GENERAL MACHINING

We have a well equipped workshop for complete repairs of all our products and general machining jobs. Equipment includes horizontal and vertical boring, lathes, radial arm drill, key setters, welding etc.



OPERATIONS AND MAINTENANCE

We are equipped to handle operations and maintenance contracts in the fields of slurry handling and dewatering of open pit and underground mines. Our skilled staff made up of supervisors, fitters and operators have experience in operating in the harshest conditions.



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