



SMARTTEK



Company Profile



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II Introduction

Smartek, the name says it all. We collectively have many years of experience with projects related to the Mining and Industrial Industries across Southern Africa. With our project experience and solid knowledge of the changing industries we have become an official OEM and supply own designed and manufactured products. Not only do we manufacture, we have been through a strict process to select and approve some international suppliers which we believe adds value to our organization Smartek.

III Management

Smartek is managed according to ISO 9001, ISO18001 and OHSA policies with records required by law, company not verified. Smartek is also a recognized Level 2 BEE rated entity. The management team has the required leadership married with a sound knowledge of the field and its related peripherals. We are strategic thinkers and people orientated and when presented a problem we take a holistic approach to finding a solution that is most beneficial in any given situation. Smartek and its management endeavor to supply the best realistic solutions available.

IV BEE

From the onset, our BEE commitment was decided on and is an integral part of our philosophy. Management, employment equity, skills development, preferential procurement are fundamental in keeping this commitment. We believe that BEE is necessary for the future prosperity of the South African economy. Currently we are Level 2 BEE contributor.

V Vision

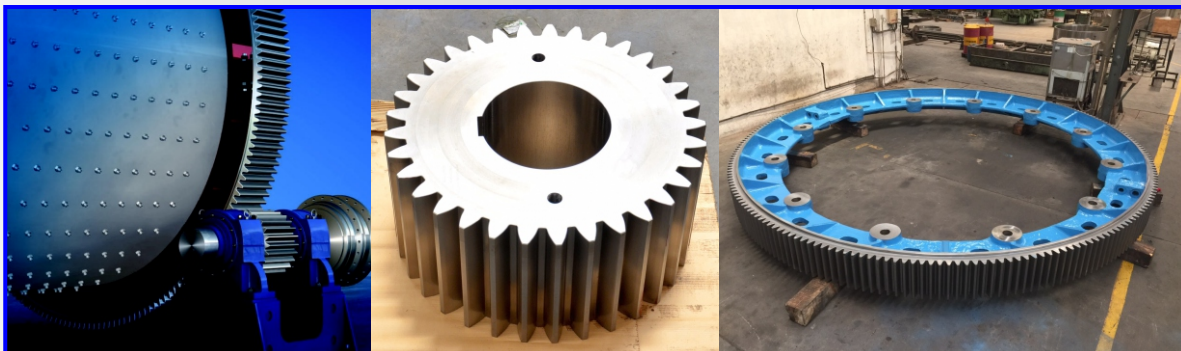
Smartek is to become the Asset Manager and solutions provider of choice in the mining and industrial sector. We thrive on being a solutions provider where service, quality and solutions count. We look forward to creating a family environment for our staff and management where honor, ethics and integrity become a way of life. We encourage open engagement of ideas where there is a will there is a way.

VI Original Equipment Manufacturer and asset Management

Since Smartek is an OEM, we have been required to install our products on small and medium projects. Our success on these projects have led us to partner up with larger project managers and suppliers who offer heavy engineering solutions with a range of products that require complete installations and asset managing solutions. Smartek management structure has managed and sub-managed various projects across Southern Africa specializing in heavy engineering for international concerns.

Our hands on vision thrives on the provision of industrial electro-mechanical construction services such as servicing, installation, dismantling and relocating, as well as sound maintenance contracts. We provide for newly established and existing manufacturing related companies by performing the following business related functions:

- Girth Gear & Pinion - Installation, Repair & Maintenance
- Thickener - Installation, Repairs & Maintenance.
- Mills - Installation, Repairs & Maintenance
- Winders - Installation, Repairs & Maintenance
- Ultra-sep - Installation, Repairs & Maintenance
- Float cells – Installation, Repairs & Maintenance
- Apron Feeder – Installation, Repairs & Maintenance
- Crusher - Installation, Repairs & Maintenance
- Conveyor – Installation, Rep air and Maintenance
- Annual inspections, with reports and Maintenance Programs



VII Original Equipment Manufacturer

DrumOTech® specifically for conveyors, offers a range of Motorized Pulleys as large as 400kW or as some would call the m Drum Motors. We offer the same technology for our standard range of pulleys which are direct replacements for current suppliers where our designs reduce plant stockholding substantially. The standard range offers an exceptional total cost of ownership.



Our facilities are ISO9001 and ISO9002 certified production facilities, where we manufacture more than 10,000 Heavy duty and high power drum motors per year. In 2007 we worked with Anglo Platinum to write a spec on Drum Motors for them. We have developed a range in South Africa for Southern Africa that we manufacture here. Our R&D facilities are based in Denmark with Drumotech and Scandiroll. www.drumotech.com and www.scandiroll.com

Our Drum motors are typically used on conveyor for Sand & gravel pits, mining, sugar processing, salt processing, asphalt prep, road construction machinery, foundries, cement, concrete mixers, crushing & screening including modern factory layouts, airports, bottle handling, pallet handling, package handling, food processing, medical industry & logistic centers.

Relion Pumps® we have a unique series with a unique screw impellor which has efficient solid handling and slurry handling capabilities as well as energy savings. Our ranges of pumps are manufactured locally in South Africa, we carry stock and we manufacture a full range of pumps (Submersible Pumps - up to 90kW). we also manufacture centrifugal pumps with solid and sludge handling capacity.



Relion Mechanical Seals® have been manufactured in South Africa for over 15 years with a large installation base and our sea l division manufactures for many pumps companies in Southern Africa. We design and retrofit to suit certain pump specification requirements.

VIII Asset Resellers

Smartek is an asset management company and we carefully audit our companies we associate ourselves with since we work according to our ISO required policies any supplier of ours must comply.

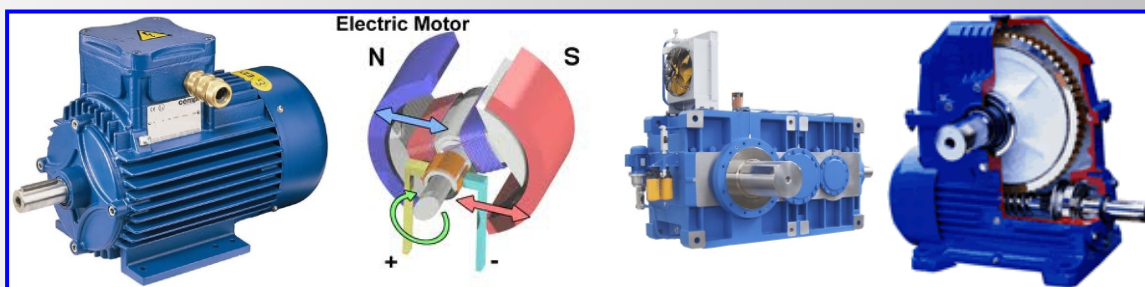
Our selected partners are as follows:

Motovario - www.motovario.com

Hi tech geared motor supplier from Italy supplying a full range of geared from 09kW – 500kW which comprise of Worm, Helical and Bevel Helical. Motovario are one of the most innovative modern companies across the globe servicing all industry and mining sectors.

Open Gearing, “Drop in Designs” and purpose built

The most dynamic and up to date manufacturing companies around the world, manufacturing to AGMA DIN and ISO6336 even BS. These companies supply International companies across the globe in with high quality and an exceptionally high standard of engineering. Our partner manufacturers of design complete gearboxes of up to 65 tons and open gearing in segments of over 18 meters and a single Complete cut of 6.5 meter diameter with a face width of 1 meter spur or helical. Our partner manufactures design and manufacture spares for draglines and shovels and they manufacture their own drill rigs, they are also associated with the largest and most reliable forging companies in the world.



Auxiliaries

- Couplings – gear, grid, flexible, fluid,
- Brakes – Thruster Drum & Disc - electro mechanical,
- Clutches – centrifugal & electro hydraulic, jaw type.
- Backstops – Roller ramp & Sprag type
- Freewheel – overrunning & disengaging

IX Design Capabilities

1. Conveyors (Design and Manufacture)

Belt Conveyors, V-trough, Trolley Conveyors, Apron Conveyors & Feeders, Submerged Belt Conveyors, Screw Washer Separators

2. Feeders (Design and Manufacture)

I. Vibrating Feeders II. Rotary feeders

3. Material Handling

Rotary Cut Off Gates, Bin Gates, Duplex Gates, Vertical Slide gates, Tunnel Gates, Rack & Pinion Gates, Dust-Tight Rack & Pinion Gates, Heavy Duty Undercut Gates, Jet Slingers, Oil Skimmers, Roto Scoops.

4. Screw Conveyors

Shaft-less Screw Conveyor, Shaft Screw Conveyor, Ribbon & Multiple Flight

5. Mixers Applications

Mixers, Paddle Mixers, Ribbon Blender, Screw Washer & Separators.

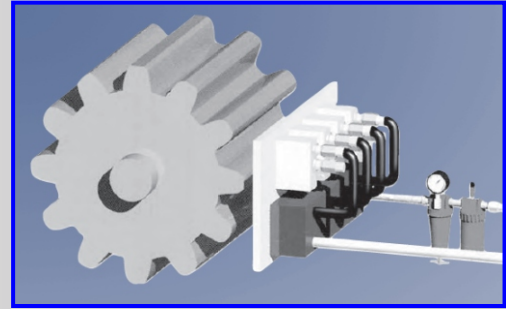


X Lubrication Systems.

With decades of experience in Automated Lubrication systems we offer a wide range of Custom designed Auto matic lubrication systems. These systems help protect your equipment for premature wear prolonging the life of the equipment.

Equipment we Install lubrication systems on

- Conveyors
- Mills
- Crushers
- Feeders
- Industrial Equipment
- Mining Equipment
- Open Gears
- Food and Beverage Industry Equipment
- Earth Moving Machinery



We offer the following types of Lubrication Systems

- Progressive oil and grease Multipoint Systems
- Injector Lubrication Systems for oil and grease
- Oil Squirt, Spray and Brush systems for Chain lubrication
- Open Gear spray systems

XI Liquid Transfer Systems

Our range of Fluid transfer dry break couplers are designed and manufactured in the United States and meet the industry standard for fluid transfer systems they are 100% compatible with existing fluid transfer systems used in the mining industry. We Install the system so that it can be used for evacuation and filling of the fluids in the service bays. they are colour coded to prevent cross contamination while filling.

Our Nozzles and Receivers cover the following functions

- Fuel
- Crankcase Oil
- Hydraulic Oil
- Coolant
- Transmission
- Grease



For Enquiries please contact our Lubrication Specialist:

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XII Contact Details

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