



Company Overview

SINCE-1976

Micro Tools and Machineries is the authorized distributor of SKF in Bangladesh. The company was founded in 1976 and started operating as the SKF distributor from 1987. At the time, the objective of the company was to meet customer needs by combining the expertise of well trained sales staff and maintaining a large inventory. Nevertheless, the consumers demand for a wide range of correlated bearing products from a reliable source has encouraged the founder to steer the company into diversification. The company is now distributing SKF lubrication, Seals, Power Transmission Products, Bearing Maintenance Tools and solution in parallel with bearings. Our instantaneous customer services along with SKF products make our customer's business more efficient, competitive and profitable.

"Working closely with the Customer" -This ideology of Micro Tools & Machineries helps to build a loyal relationship between the customer and the company. Moreover keeping in close touch allows fast and efficient product updates to the end users. For an example, Micro Tools & Machineries is the first company in Bangladesh to distribute innovative and efficient product like SKF energy efficiency bearing.

Products Being a SKF distributor Micro Tools & Machineries has the advantage of offering the widest range of bearing and associated products to the customer as a compare to any other companies. Our broad range of product inventory permits the end users to exploit SKF products whenever required and following are the list of products we keep in our stock.

microtools



QR CODE



Services

A full range of machine reliability services and solutions

The place to start is SKF. The best trained in the industry, our sales

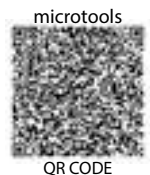
staff and engineers have the knowledge and experience to answer your technical questions and suggest application-specific solutions that save your time and money.

SKF industry specialists

With an in-depth knowledge of New Zealand's industry-specific processes SKF's sales staff and engineers are a rich source of knowledge. Drawing on years of experience in your industry, an SKF application engineer can pinpoint the root cause of a recurring machine problem and help you eliminate it. When needed, these specialists have access to the technical resources of the SKF Engineering and Research Centre in Holland, the most sophisticated R & D facility of its kind in the world.

Advanced engineering services available

SKF can provide support for highly complex problems with on-site assessment, static and dynamic analysis, or the use of SKF virtual design software, which utilizes 3-D modelling and simulation to save time and money





Technical Support

A full range of machine reliability services and solutions

In recent years it has been a clear trend in many industries to outsource non-core maintenance to component and equipment suppliers to reduce total maintenance costs.

In response, SKF has combined its near century of experience with bearings, industry and advanced capabilities in manufacturing and research to help customers to reduce cost by increasing productivity.

The concept of managing assets to increase productivity is called Asset Efficiency Optimization and the programmes that support this concept are designed to enable a plant to produce the same output for less cost, and/or produce more output for the same cost.

As competition intensifies on a global scale, industrial managers are being challenged to produce more with less: less capital investment, fewer people, and reduced maintenance budgets.

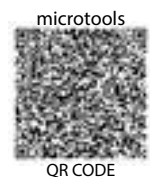
Efficiently managing existing equipment assets is a key way to maintain and increase profitability, despite these challenges.

No company in the world is better prepared than SKF to help improve plant productivity by maximising machine uptime and eliminating unexpected downtime.

Changing maintenance strategies to reduce cost.

SKF can provide Technical Services and Training Programmes that can benefit the end-user to reduce down time and maximise bearing life.

Through a dedicated entity called SKF Reliability Systems, SKF offers unique and highly effective methods to help organisations reduce total machine related costs, enhance productivity and strengthen profitability.



Bearings

Deep groove Ball bearing, Angular contact, Self-aligning Ball bearing, Needle Roller, can follower energy efficient, Bearing, Rod ends, Cylindrical roller, Tapered roller, Spherical roller, CARB roller, Thrust & Y bearings.



Grease & Lubrication

LGMT 2 is mineral oil based lithium soap thickened grease with excellent thermal stability within its operating temperature range. This premium quality general purposes grease is suitable for a wide range of industrial and automotive applications.



LGHP 2 is premium quality mineral oil based grease, using a modern Polyurea (di-urea) thickener, it is suitable for electric motors and similar application operation at a wide temperature range from -40° C up to 150° C, at medium to high speeds.



LGET2 is premium quality, synthetic fluorinated oil based grease using a thickener. It has excellent lubrication properties at extremely high temperatures exceeding 200° C up to 260° C.



Power transmission

SKF Power Transmission is a product line that provides a complete range of high quality belts, chains, couplings, pulleys, sprockets, bushings and hubs.



Belt



Oil Seal



Chain



SKF bearing fitting tool kit TMFT 36

Poor fitting, usually using brute force, accounts for 16% of premature bearing failures, The SKF bearing fitting tool kit TMFT 36 is designed for quick and precise mounting of bearing, while minimising the risk of bearing damage.



SKF mechanical pullers TMM series

SKF patented EasyPull is one of the most user-friendly and safe tools on the market. Ergonomically designed, the spring-operated arms enable the user to position the puller behind the component with just one movement.



SKF hydraulic pullers TMM series

The hydraulic versions of the EasyPull, TMM 75H and TMM 100H, combine the user friendliness of the mechanical EasyPull effortless force generation provided by integrated spindles.



Reversible Jaw Puller TMMR F



Products

SKF portable Induction Heater TMBH 1

The SKF high frequency induction heater TMBH 1 is a portable lightweight heater for heating bearings with an inner diameter ranging from 20 to 100 mm and a maximum corresponding weight of 4,5 kg.



SKF small Induction heater TIH 030m

The SKF small high frequency induction heater TIH 030 m combines high heating capacity with portability. Placing the induction coil outside the heater's housing allows the heating of bearings weighing up to 40 kg. and inner diameter ranging from 20 to 300 mm.



SKF medium Induction heater TIH 100m

Placing the induction coil outside the heater's housing allows the heating of bearings weighing up to 120 kg and inner diameter ranging from 20 to 400 mm. The heater is equipped with thermal overheating protection to reduce the risk of damage to the induction coil and the electronics.



SKF large Induction heater TIH 220m

The SKF large induction heater TIH 220 m is a reliable and robust induction heater from the TIH100m range suitable for heating bearings up to a maximum weight of 300 kg and solid components up to a maximum weight of 150 kg.



Products

SKF Machine Condition Advisor CMAS 100-SL

Features

* Quick and easy to set up and use, measurements are shown on a bright display viewable in low light to direct sunlight. Free on-line training is also available at SAF@ptiude Exchange.

- Lightweight, compact and ergonomically designed, the SKF Machine Condition Advisor fits neatly at the belt Line, in a pocket or a tool kit, Exceptionally durable, the unit is rated IP 54 for use in industrial environments.

- Alert and Danger prompts provide increased diagnostic confidence.

- Measuring Velocity, Enveloped Acceleration, and temperature simultaneously saves time.

- Efficient, economical, and environmentally friendly, the rechargeable SKF Machine Condition Advisor operates 10 hours on a single charge.

SKF Machine Condition Advisor simultaneously measures vibration signals and temperature to indicate machine health or bearing damage.

- Flexible enough to work with standard 100mV/g constant current accelerometers, an optional external sensor can be used for hard-to-reach locations and for more repeatable and accurate measurement results.

- Features English, French, German, Portuguese, Spanish and Swedish for user convenience



Shaft Alignment Tool TKSA 41

The TKSA 41 is an advanced laser alignment solution for achieving accurate shaft alignments. With two wireless measurement units, large sized detectors and powerful lasers, the instrument performs precise measurements in even the most challenging conditions. The ergonomic display unit with intuitive touch screen navigation makes your alignments fast and easy, whilst innovative features, like the "free measurement", increase the alignment performance.



Belt Alignment Tools TKBA-40

The SKF TKBA-40 Aligns the pulleys where it counts most in the grooves. V-guides and powerful magnets allow the TKBA-40 to be fitted in the grooves of the pulley. With only two components, a laser-emitting unit a receiver unit, the belt alignment tool is easy and fast to attach.



SKF stroboscope TMRS-01

The SKF TMRS is a portable, easy to use stroboscope that allows the motion of rotation or reciprocating machinery to appear frozen, facilitating inspection without stopping the machine. Equipped with a phase shift feature that allows the user to advance or retard the flash timing without changing the flash rate, the motion can be "frozen" at the position required for inspection.



Every stage of your process can benefit from SKF knowledge engineering

■ Yarn Manufacturing



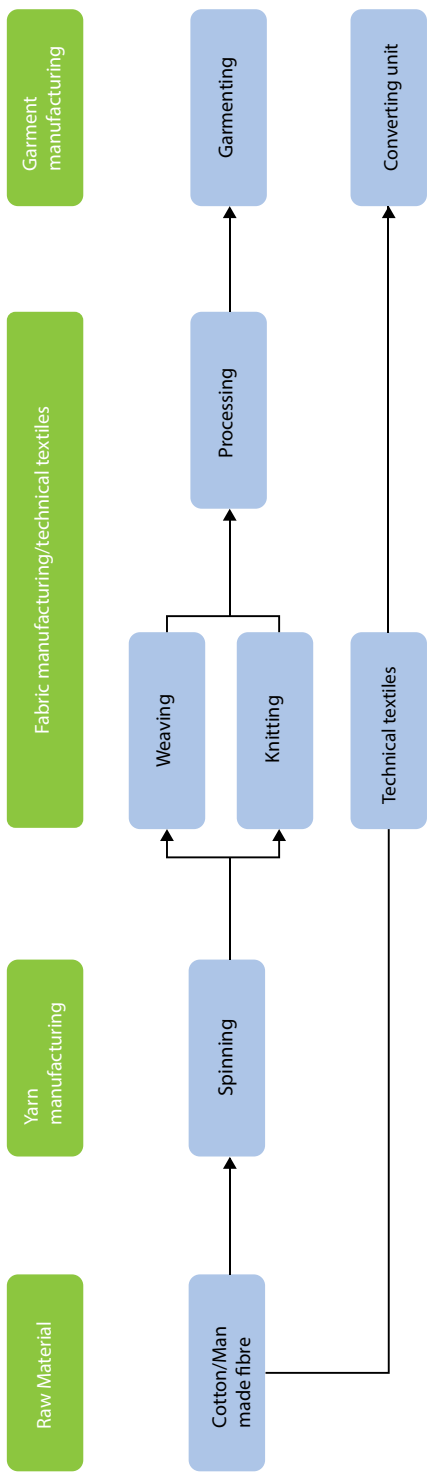
■ Fabric Forming



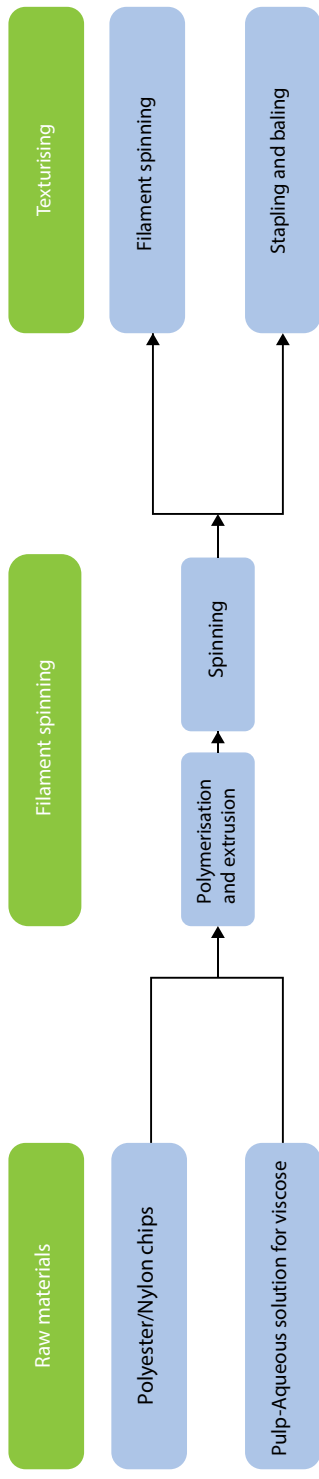
■ Fabric Processing /Finishing



■ Garments Industries



Man made fibre / synthetic fibres industry



SKF Solutions for the pulp & paper industry

Bearings and units



Seals



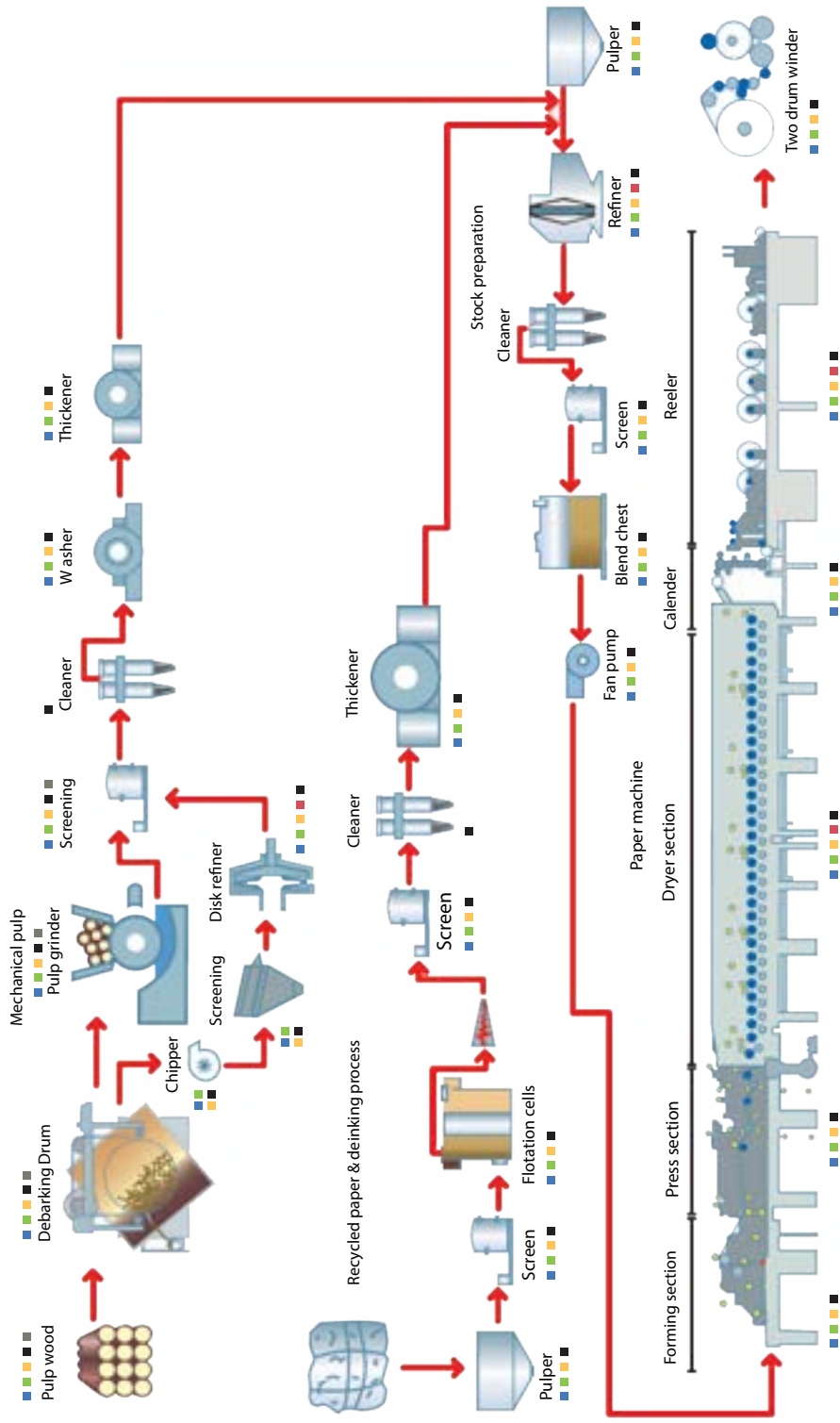
Lubrication Systems



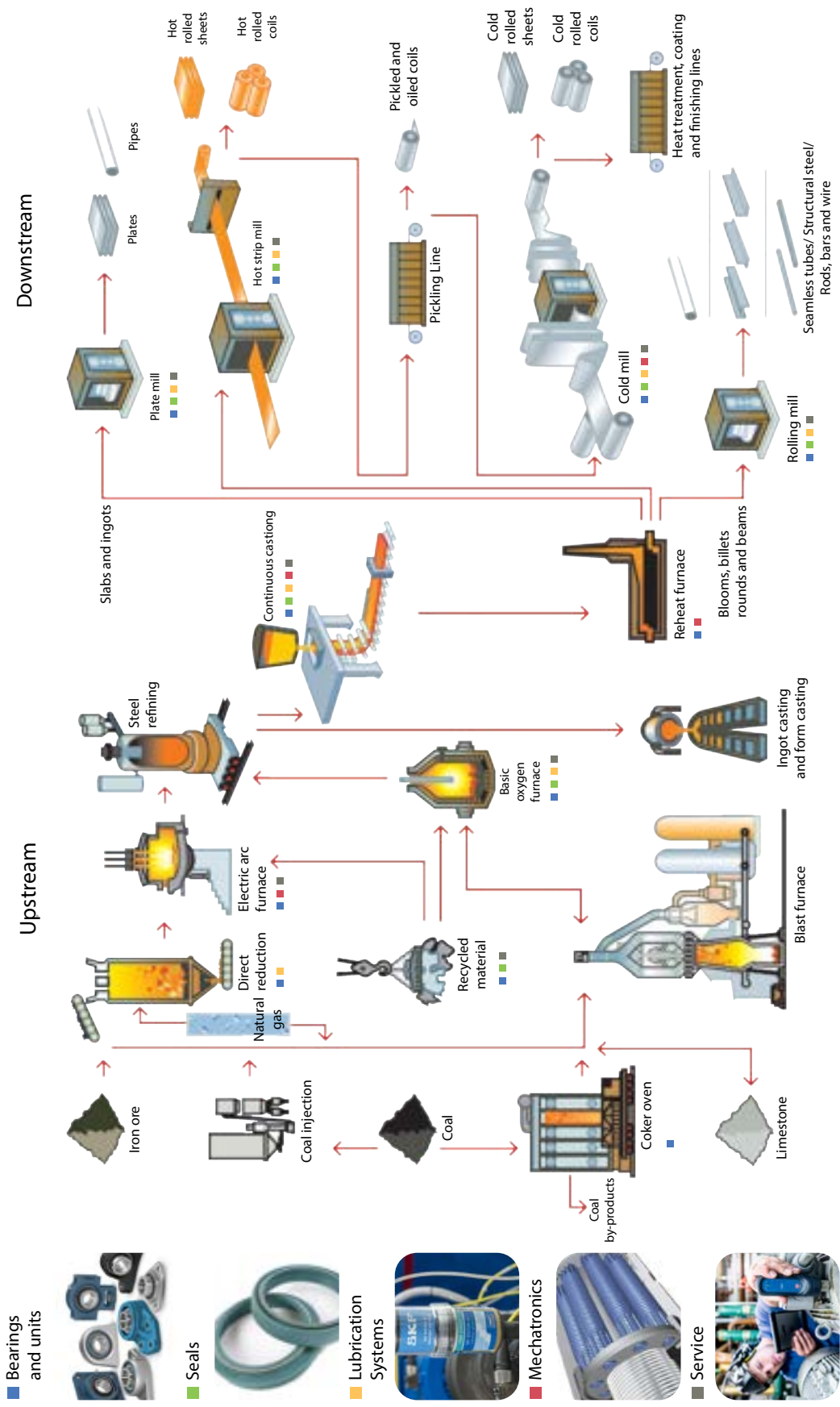
Mechatronics



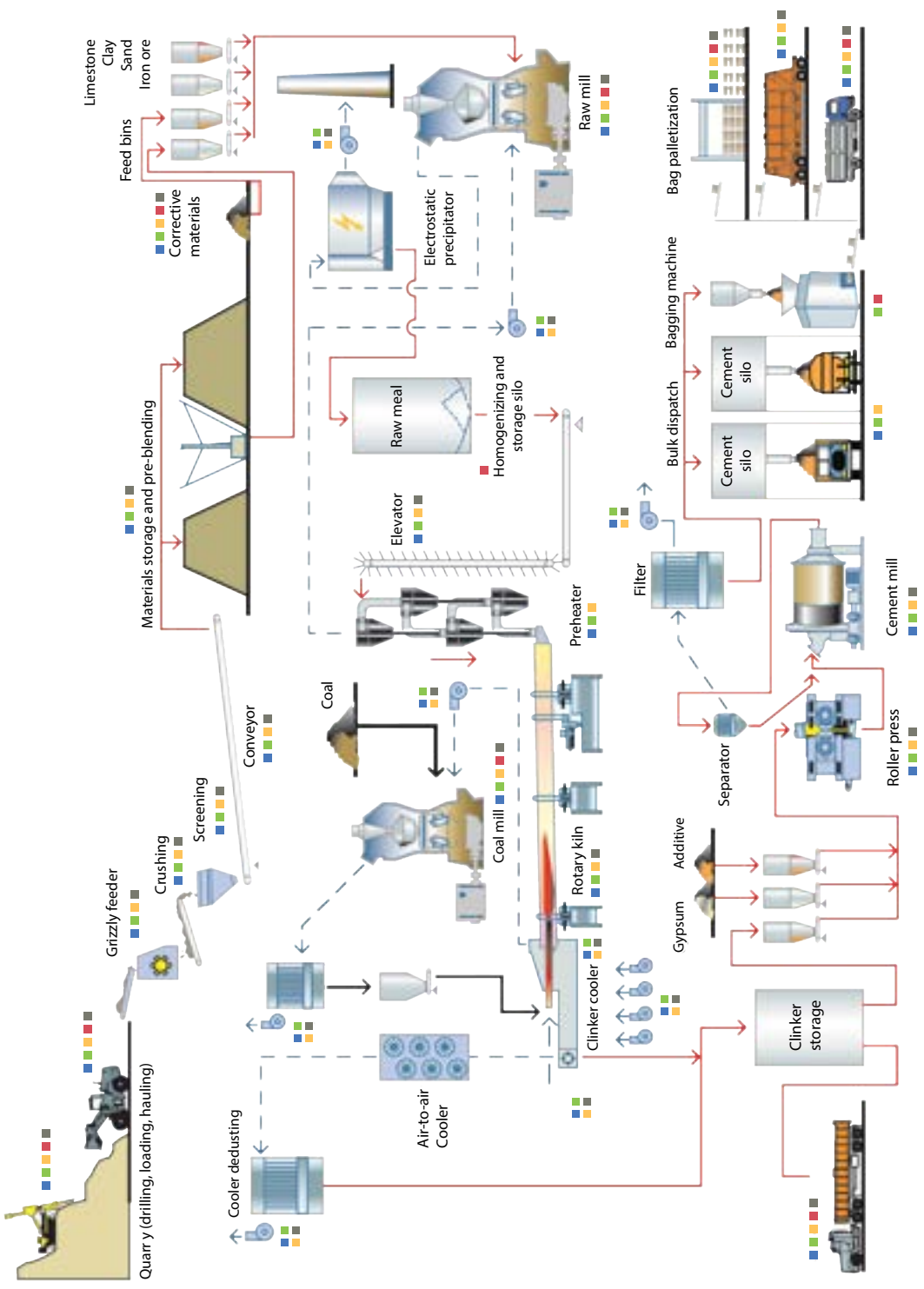
Service



SKF Solutions for the metals industry



SKF Solutions for the Cement industry



■ Bearings and units



■ Seals



■ Lubrication Systems



■ Mechatronics



■ Service

