


KÜBO ECO>PROCESS®
FILTER AND CONVEYING SYSTEMS



Filter and conveyor
technology from a
single source

A black and white photograph of industrial machinery in a factory. The machinery consists of several large, white, rectangular units with various pipes, valves, and electrical components. A conveyor belt system is visible in the foreground, with a label that reads "4/049-SB1B". The background shows a complex network of pipes and structural elements typical of an industrial facility. A large red graphic element, consisting of a thick diagonal line and a horizontal bar, is overlaid on the left side of the image.

Your partner for outstanding filter and conveyor technology

Top solutions for industry

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01

About us

For decades, we have been developing technologies for conveyor and filter systems that have been successfully implemented in numerous projects in a wide range of industrial sectors.

Close customer relations and intensive dialogue are decisive factors for our corporate progress. We therefore place great value on continuous exchange with our clients during the planning, assembly and commissioning of our complete systems and individual components.

This enables us to react flexibly to all customer requirements during development and to offer first-class quality. We accompany you as a reliable partner from the conception of your new system to the turnkey handover.





Our strength

In addition to supplying high-quality filters and conveyors, our core expertise lies in the design and realisation of customised complete systems.

In doing so, we draw on a broad range of specialist knowledge, from robust conveyor systems to the treatment of cooling lubricants. Our expertise in design and realisation is based on in-depth know-how in the fields of engineering, automation and process optimisation.

By using advanced technologies and proven methods, we ensure the highest levels of efficiency, reliability and quality in all project phases. In addition, we rely on precise planning and consistent implementation to reliably meet deadlines and budgets. Our qualified employees will support you throughout the entire project and will continue to be available to you with comprehensive support after implementation.

02

Corporate philosophy

customer focus and a sense of responsibility as the foundation of our corporate values

Our customer focus and sense of responsibility place the needs and satisfaction of our clients at the centre of all our business activities. This approach is not just a strategic decision, but is deeply rooted in our corporate philosophy. By working closely with our customers and our qualified employees, we create long-term customer relationships and lay the foundation for mutual success. The motivation and commitment of our employees play a central role in this, as they make a significant contribution to the implementation of our high quality standards. This focus is directly linked to our comprehensive corporate social responsibility.



We are aware of our corporate responsibility and are committed to ecological and social sustainability. Our commitment in these areas is an integral part of our values and is actively supported by our employees. Our ISO 14001 certificate proves that we fulfil the globally recognised requirements for an environmental management system and confirms our efforts to continuously improve our processes, measures and environmental goals.



03

Our customers

Advanced solutions for various industries

We offer solutions that meet the specific requirements of many industries. Thanks to our high degree of variability and adaptability, we are ready to take on new challenges and develop approaches tailored to customer needs for a wide range of applications. Our comprehensive range of products and services helps companies optimise their production processes while minimising their environmental impact.

The following is a list of examples of industries that use our products:

- + Automotive industry
- + Bearing industry
- + Metal processing
- + Foundries
- + Waste and metal recycling
- + Rolling and steel industry
- + Aerospace industry
- + Wood industry
- and more...

Our flexible approach enable us to offer for each challenges always efficient and innovative approaches.



04

Our services

As a renowned specialist, we offer you a comprehensive range of services and products, from customised individual solutions to turnkey complete systems. Our core expertise lies primarily in the areas of filter technology, conveyor technology, pipeline construction and service, which enables us to cover a wide range of requirements for process optimisation and system integration.



Filter technology

Cleaning and/or processing of:

- cooling lubricants (KSS)
- gear oils
- washing water
- other liquids



Conveyor technology

Transport and/or processing of:

- chips
- scrap metal
- metallic packages & briquettes
- punching waste (e.g. sheet metal and slugs)
- cast and forgings
- liquid media
- other goods



Pipeline construction

Piping of:

- cooling lubricant systems
- industrial sanitary installations
- cooling water systems
- etc.



Service

professional:

- assembly/disassembly
- commissioning
- spare parts
- maintenance and repair
- conversion of existing systems
- training

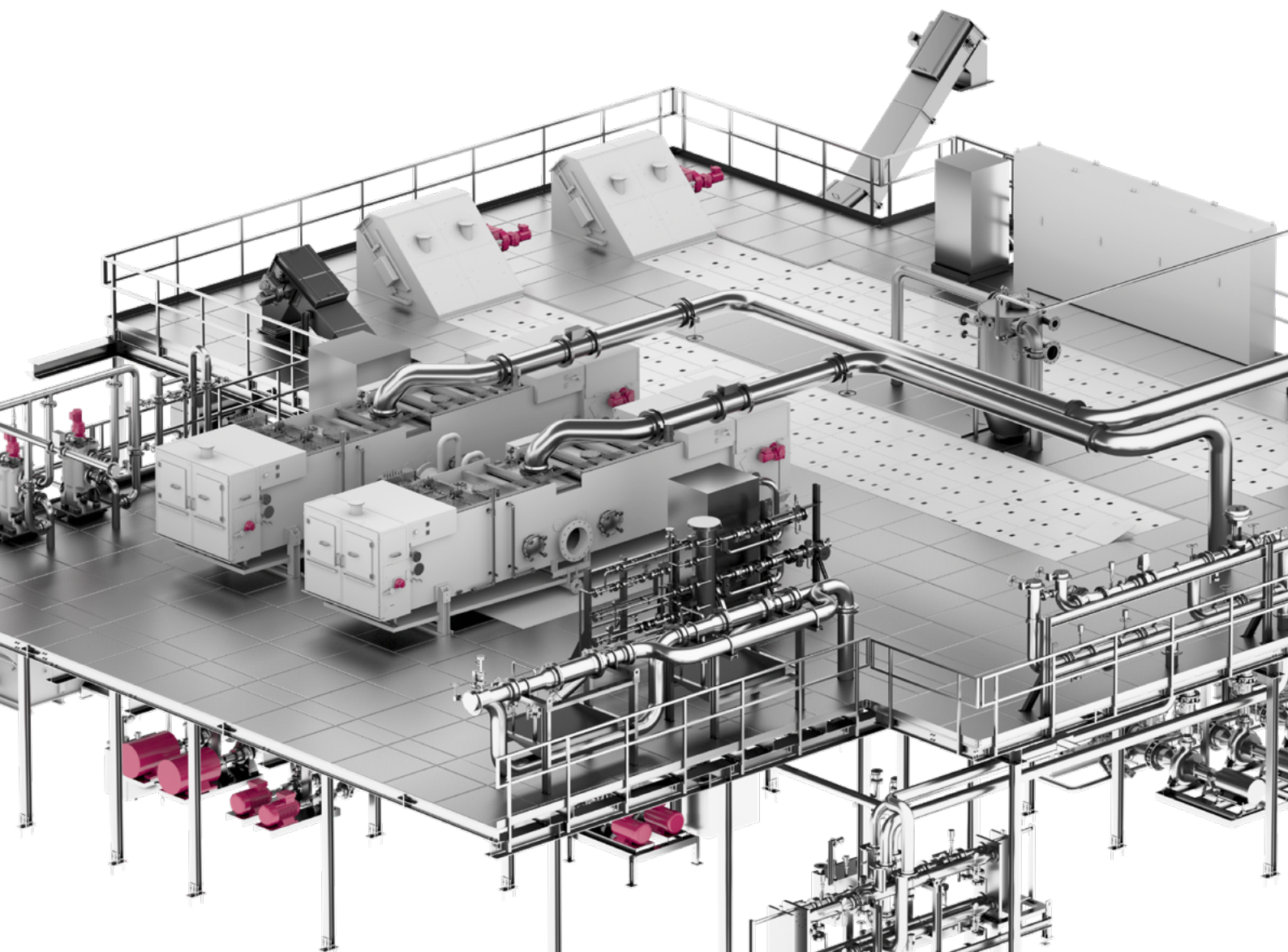


05

Turnkey centralised systems

A centralised system offers numerous advantages compared with individual supply. It enables optimised use of resources, ensures cost efficiency and consistent product quality. Optimised composition of the cooling lubricants, or ensuring purity of the various types improves performance and contributes to greater efficiency in production processes, while at the same time reducing environmental impact.

The illustration shows an example of an emulsion filter system for a well-known customer and includes a reciprocal complement of our filter and conveyor systems, which enables an automated process flow. In addition to the use of our own machines, the systems are completed by further purchased parts as well as the appropriate measurement and control technology in order to guarantee the highest operational efficiency.



06

Products - Filter technology

Customised filter solutions for a wide range of industries and applications

We offer you a range of filters to optimise your cooling lubricant treatment. Our systems help to extend the service life of cooling lubricants, thereby reducing their negative impact on the environment. They enable more efficient production processes through reduced friction during cutting, grinding or forming, and optimised heat dissipation for improved process control.

They also ensure the reliable removal of impurities and reduce maintenance costs by extending the service life of tools and rollers. In addition, they promote the recycling of valuable materials, which offers you additional economic and ecological benefits.



07

Filter technology / technical data

Our products from the filter technology sector

We offer you the optimal solution for your requirements. The following overview provides a simplified overview of typical applications.

Chip pre-separator

Filter fineness/separation efficiency
roughly > 250 µm

Typical processing methods

turning, drilling, milling
grinding, cold rolling

Pressure belt filter

Filter fineness/separation efficiency
medium-fine to fine 250 - 30 µm

Typical processing methods

turning, drilling, milling

Magnetic separator

Separation efficiency:
Ferritic components

Typical processing methods

turning, drilling, milling,
clearing, deep drilling, washing,
grinding, honing and superfinishing,
cold rolling, transmission oil filtration

Precoat filter

Filter fineness/separation efficiency
fine to very fine > 80 - 5 µm

Typical processing methods

grinding, honing and superfinishing,
Cold rolling, transmission oil
filtration

Vacuum belt filter

Filter fineness/separation efficiency:
medium-fine to fine 250 - 30 µm

Typical processing methods

turning, drilling, milling,
clearing, deep drilling, grinding,
honing and superfinishing,
cold rolling, transmission oil filtration



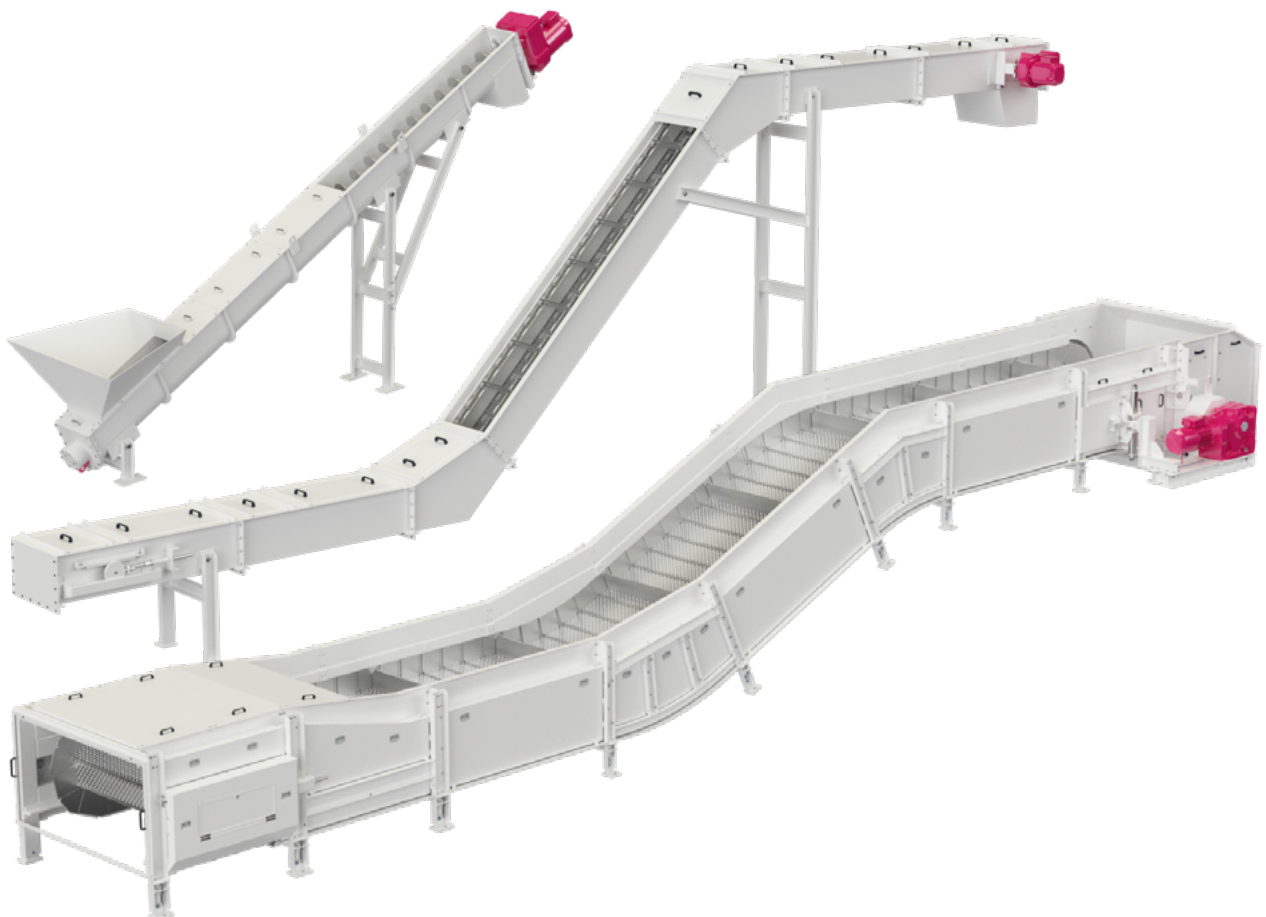
08

Products - conveyor technology

Wear-resistant and robust conveyor technology tailored to your needs

The processing of metallic materials often results in large quantities of chips, punching waste and metal scrap that must be safely and reliably transported and loaded. Our robust and durable systems ensure long service lives and high availability. The collected waste is processed further in unmixed form as required, which not only increases efficiency but also saves on transport costs. Loading is carried out, for example, by evenly filling containers or railway wagons.

In addition to supplying individual conveyors, we also develop customised, complex conveyor systems that meet all your requirements. We achieve this by intelligently combining conveyors, chip bunkers and container feeders, including chutes, crushers and centrifuges. This enables us to offer you comprehensive solutions that optimise the entire waste management process.



09

Conveyor technology - technical data

Our products from the conveyor technology sector

Get an overview of the suitability of our conveyor technologies for handling different materials to find the right product for you.

Your conveyed goods

Grinding chips/sludge

**Free-flowing, small chips
(up to 5 cm)**

Long chips, tufts of chips

Core parts

Coolant removal from machine

**Punching scrap, sheet metal
waste, forging burrs**

Packages, bales, large scrap

Our products:

suitable

Scraper conveyor, Screw conveyor,
Vibratory feeders

Scraper conveyor, Slat conveyor, Screw
conveyor, Push-rod conveyor, Vibratory
feeders, Chip bunker, Vacuum chip ex-
traction, Container loading

Slat conveyor,
Push-rod conveyor

Slat conveyor, Scrap conveyor,
Apron conveyor

Scraper conveyor, Push-rod conveyor

Slat conveyor, Scrap conveyor,
Container loading

Slat conveyor, Scrap conveyor,
Apron conveyor

conditionally suitable

Chip bunker,
Vacuum chip extraction

Screw conveyor, Chip bunker,
Container loading

Scraper conveyor, Push-rod
conveyor, Vibratory feeders

Slat conveyor

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Pipeline construction



Our range of services in industrial piping construction extends from the precise execution of individual pipework to the pipework of complete systems in the areas of cooling lubricant supply, water supply and technical building equipment (TBE).

We guarantee precise assembly, comprehensive documentation and regular maintenance and servicing – from preliminary design consultation to efficient material procurement and component production.

In doing so, we rely on innovative technologies and approaches to meet the different requirements of each project. Our experienced staff coordinates all steps from planning to implementation and commissioning to ensure a smooth process for you. We place great emphasis on precision, efficiency and the highest quality standards.

Raw material

Plastic and plastic composite pipe (Mepla)

Stainless steel tubes

Black tubes

Galvanised pipes

Pressfitting systems

Possible uses:

Drinking water pipes, waste water pipes, cooling water pipes, acids and alkalis

Drinking water pipes, heating pipes, industrial plants (food industry, chemical plants)

Heating installations, gas pipes, compressed air pipes, industrial applications

Drinking water pipes, gas pipes, industrial applications

Drinking water installations, heating installations, cooling/refrigeration systems, industrial applications

11 Service

When it comes to conversions, extensions or changes of use for your systems, we naturally offer support and advice on energy efficiency, safety and targeted process adjustments. This also includes assistance before, during and after commissioning or conversion of the systems. We also strengthen your knowledge through professional training in the correct operation and functioning of the equipment, to ensure optimal utilisation.

We make downtimes predictable, enabling you to plan your workshop capacities better and giving you more budget security. With our wide range of services, we guarantee that your KÖBO ECO>PROCESS equipment, as well as that of other manufacturers, will always be at the peak of its performance, so that you can concentrate on your core business without interruption.



Our qualified service team is always ready to find a quick and uncomplicated solution to your individual problem.

Our services include professional installation and dismantling, commissioning by us to ensure that everything works perfectly, delivery of suitable original spare parts, and expert maintenance and repair.



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