



# YOUR WORLD IN MOTION.

Robot and Conveying Systems

**KOMATEC**



Conveying system

Packaging

De-palletizing

Palletizing

Picking

Handling

Robotics

# WHAT WE STAND FOR.



## Our Principles

- Customized plant engineering – modularized components
- All from a single source: from initial consultation to maintenance service
- Always one step ahead because of ongoing innovation processes
- Close contact to the customer; well thought-out industry solutions

## The Company

Komatec GmbH with its registered office in Enkenbach near Kaiserslautern was founded in December 1992. We develop and manufacture machines and entire plants with focus on conveying, packaging and palletizing technology for our customers of the consumer goods and food industry.



# THE TEAM.



## The Think Tank

We have an in-house development department as well as departments for mechanical and electrical design.

## The Hard Core

Product reliability is the highest priority for the experts of our production department.

## The Specialists

The departments for electrical engineering, hardware planning, switch cabinet planning and control systems create perfectly matching SPS and robot control systems.

## The Task Force

Our flexible and experienced service and installation team is always at your service.

# ALL FROM A SINGLE SOURCE.

## **Consultancy**

We first analyze your production processes and needs. Then we provide customized solutions. Years of experience with various customers provides a great support/help.

## **Planning**

We use up-to-date CAD systems for our planning process. We compose a plant based on standardized and individually designed components that fits your premises perfectly.

## **Development**

Because of our development department we are able to provide individual solutions.



## **Production**

Experienced experts use steel, stainless steel or aluminum profiles for production – for highest quality and operational reliability.



## **Assembly**

The mechanical and electrotechnical departments work hand in hand. After a thorough check in our plant, the pre-assembled components will be assembled at your site and put into operation.



## **Service**

In-house service technicians provide immediate support in case of problems, either by phone or at your site. Spare parts are always on hand.





**Komatec conveying systems allow an accurate and careful handling of bags, parcels, cardboard boxes and plastic boxes. Thought-out modules work with customized design and result in individually adjusted conveying systems.**



# CONVEYING OF PACKAGED GOODS.



## Your Advantages

- Using standardized elements results in high economic efficiency
- Modularized set-up of conveying systems
- Comprehensive range of standardized modules
- Adaptable to your performance requirements
- Optimal space utilization and perfect integration in your production system

## The Most Important Modules

- Roller- and belt conveyor
- Accumulating conveyor
- Slat conveyor
- Curved conveyor
- Transfer device, pusher, diverter
- Vertical conveyor, lifting device, gripping conveyor
- Accessories and customized design
- Hygienic stainless-steel design per your request



## The Universal Genius

Komatec packaging and palletizing robots pack reliably everything they get their "hand" on.

Our robots can be used flexibly, they are dependable and easy to operate. The great advantage of our robots is the easy changeover to new products or packages. This allows us to react quickly to new customer requirements.



# ROBOTS FOR PACKAGING AND PALLETIZING.

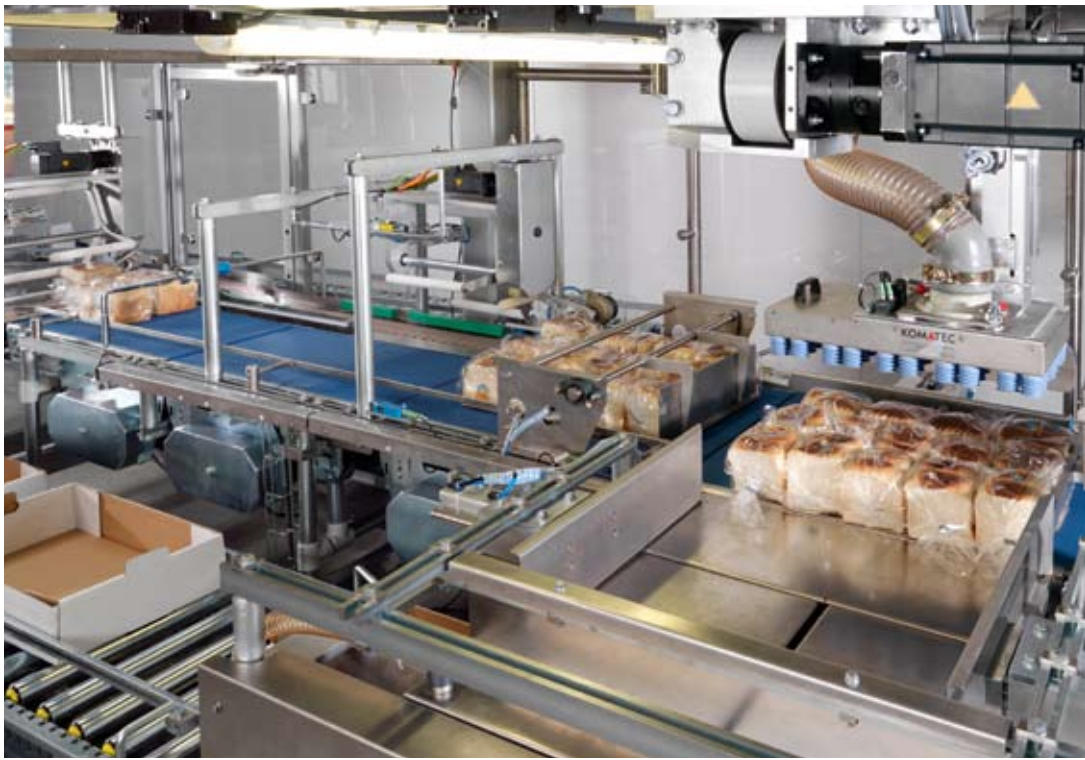
## Your Advantages

- Less space needed because of compact design
- Accurate sequences of motion and gentle product handling by servo drives
- Multifunctional applications such as packaging and palletizing
- High operational availability due to less wearing parts
- Simultaneous palletizing of multiple assembly lines with different products with just one robot
- Gripper tools adapted to your products
- Easy handling of robotic systems, protected against misuse

## Robotic Solutions According to Tasks

- De-palletizing
- Palletizing of cardboard boxes, bundles, reusable boxes
- Handling robots for packing and unpacking
- Packing robots in modular design for various applications
- Picker lines with vision guided FlexPicker robots







The heart of each plant is the control system that adjusts the functions of all parts.

Komatec has developed a clearly structured control concept, which enables an optimized usage of plant capacity.

We set the highest value on standardized plant visualization for all machinery and plant parts to ensure safe operation and easy handling.



## Your Advantages

- High operational safety due to the usage of standardized control unit
- Decentralized control concept, usage of bus technology and intelligent field modules
- Integrated assembly line and process diagnostics enable a quick detection and elimination of defects
- Can be adapted to various customer standards
- System operation by optimized touch panel or operating pc
- Integrated remote maintenance for high operational availability from the first day of production
- The control system can be expanded to support production data collection



Our pallet transport system conveys euro-pallets, half or special pallets up to 1500 kg reliable and for a reasonable price.

An extra flat design (100 mm) is available for pallets of up to 500 kg.





# PALLET CONVEYING SYSTEMS.



## Your Advantages

- Operational reliability based on a robust design
- Modular system components
- Wide range of components for optimized customer solutions
- Best price-quality ratio
- Low service requirements
- Fast start-up after installation

## The Most Important Modules

- Roller- and chain conveyor
- Accumulating conveyor
- 90-degree turning unit
- Pallet turntable and displacement turntable
- Dolly and shuttle system
- Pallet magazine
- Pallet lift
- Pallet test station



Professional order processing and high-quality products are self-evident for us.



# ALWAYS ONE STEP AHEAD.



## **Fitting**

Our plants fit exactly to your premises and processes.

## **Individuality**

Special design integrates smoothly in the customized plants.

## **Efficiency**

Intelligent control systems optimize the coordination with production lines.

## **Profitability**

Thought-out standardized modules and high operational safety reduce costs.

## **Flexibility**

The modularized system enables expansion, and modifications according to needs.

## **Integration**

Our control system can be hooked up to superior systems.



## Komatec Maschinenbau GmbH

Schlehenweg 4

67677 Enkenbach-Alsenborn

Tel. +49 (0) 6303/9227-0

Fax +49 (0) 6303/9227-50

[www.komatec.de](http://www.komatec.de)

[info@komatec.de](mailto:info@komatec.de)