

*-innovation  
with automation.*

**ERTL**

## CHAIN CONVEYER SYSTEMS





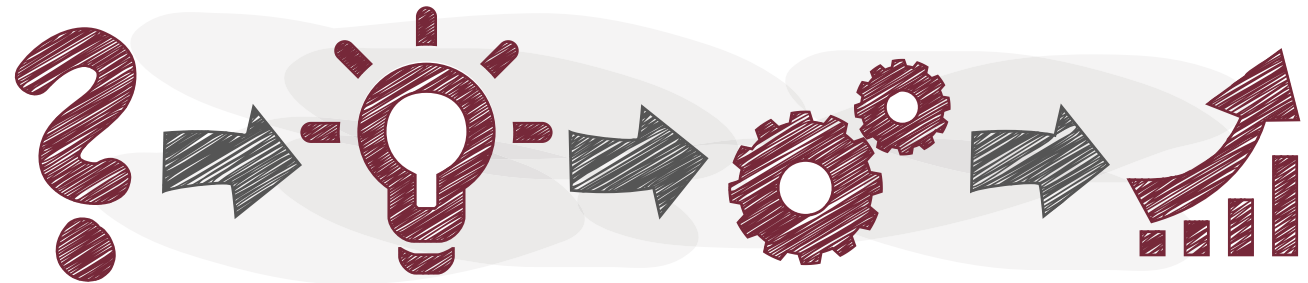
# What do you get at ERTL?

We provide everything from one source

- Mechanical design
- Electrical design
- Software development
- PLC and robot programming
- Mechanical engineering
- Project management + implementation
- Production
- Control cabinet construction
- Assembly + service on site
- Quality assurance

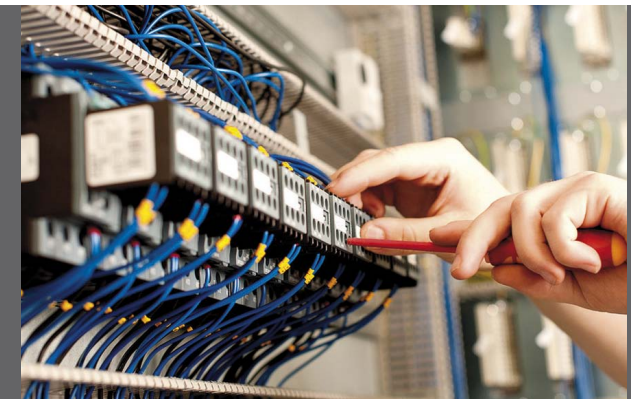
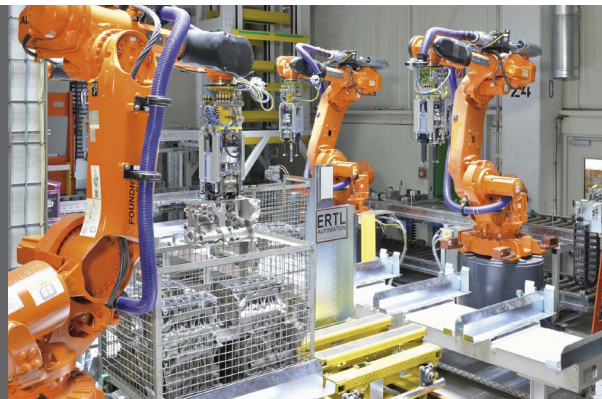
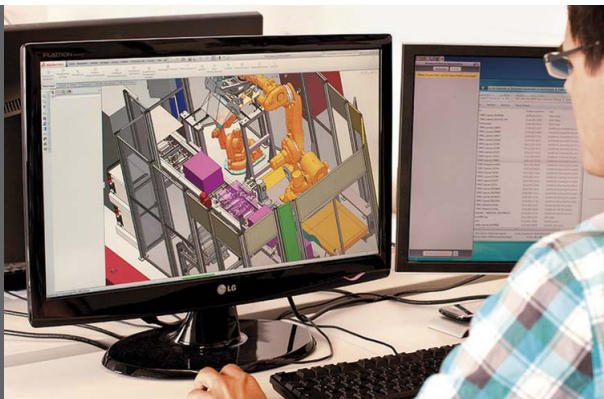
## ■ Your benefit

Name your task and we will provide a complete solution. You will have a single, competent contact partner for all technical and electronic challenges. Innovative and committed!



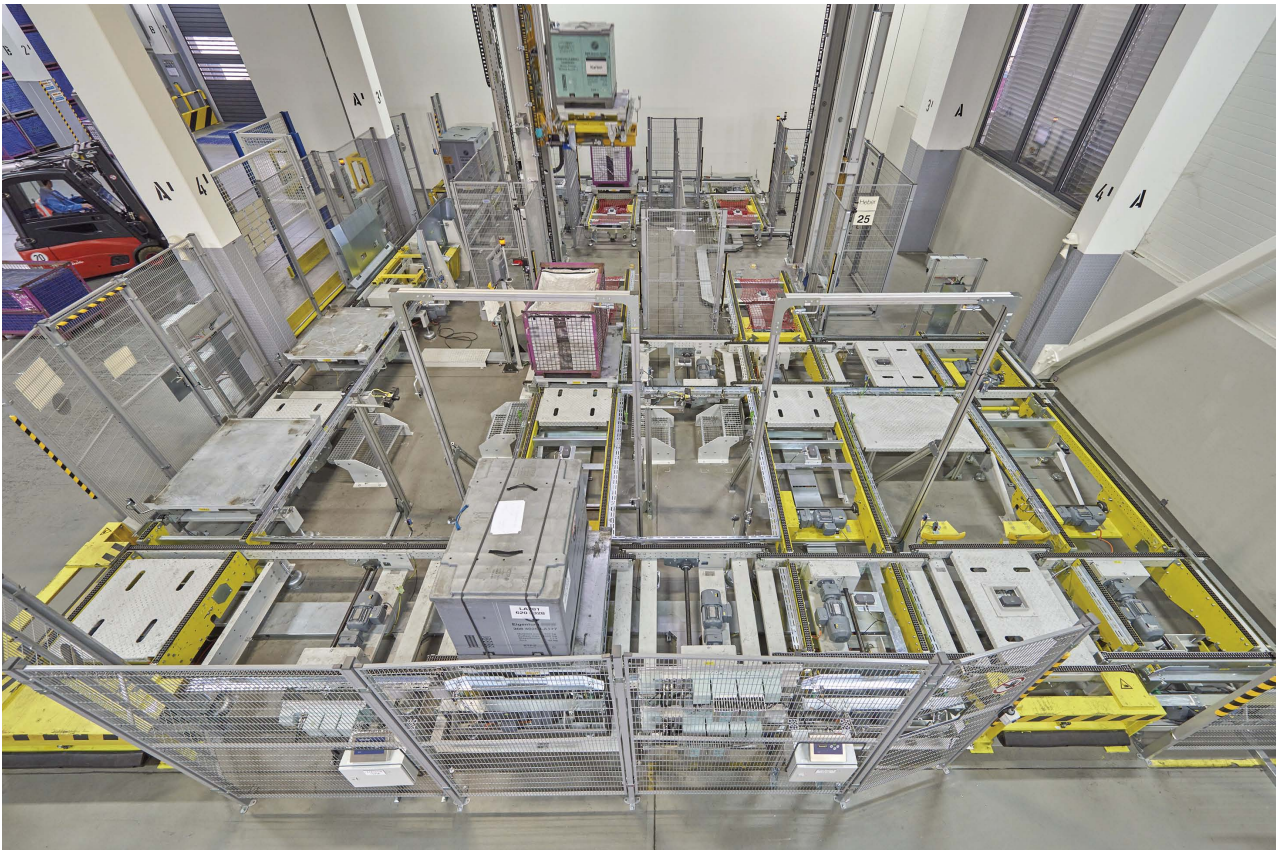
## COMPLETE SOLUTIONS

We are your automation specialist  
for mechanical and electronic engineering





# ERTL - COMPLEX CONVEYOR SYSTEMS



- Combination of various components in one system
- Transport, sorting, storage, buffering and provision of transport units
- Product tracking via control station
- RFID reading/writing systems
- Higher-level operating and control system
- Complete CE procedure  
ERTL performs the CE procedure for the complete system, including integrated machines of third party manufacturers.

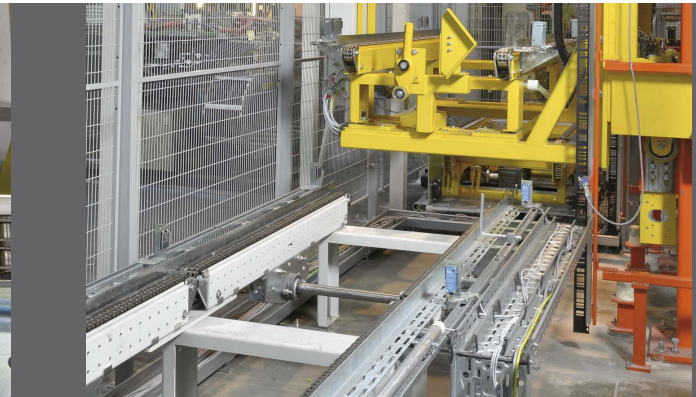
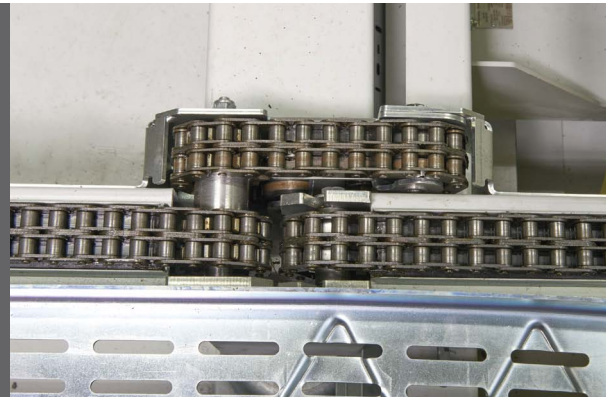
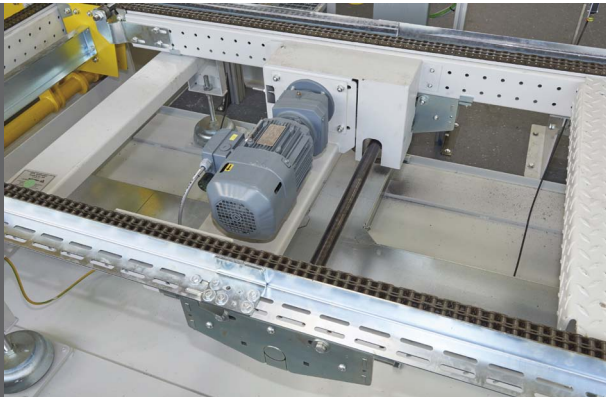
- Modular design
- Longitudinal and cross conveyor, 90° converter
- Lifting units
- Insertion and discharging points
- Weight category from 20 kg – 5000 kg
- Speeds from 0.1 m/s to 1.5 m/s





# ERTL STANDARD CHAIN CONVEYOR

- Longitudinal / cross transport
- Drive stations
  - Motor position in centre, thus space-saving
  - Alternative external drive mounted on the side
- Chains
  - Duplex chains
  - Stainless steel chains for outside area
  - Automatic chain tensioner
  - Overdrives
  - Tamperproof chain box
  - Chain lubrication
- Stepper can be easily integrated
- Exact positioning of the transported material
  - Standard transported material: Euro pallet cage
- Individual track adaptation possible

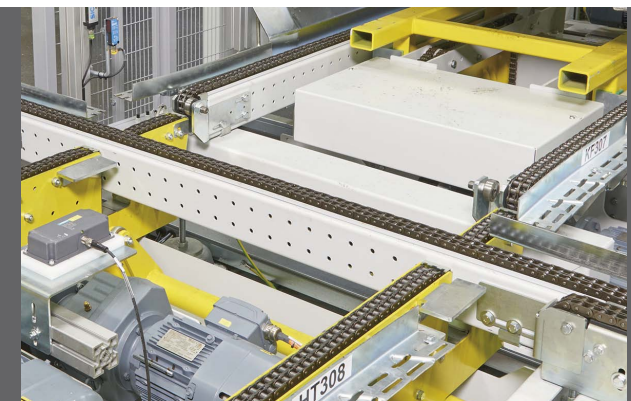




# ERTL ROTARY TABLE AND CORNER TRANSFER CONVEYOR



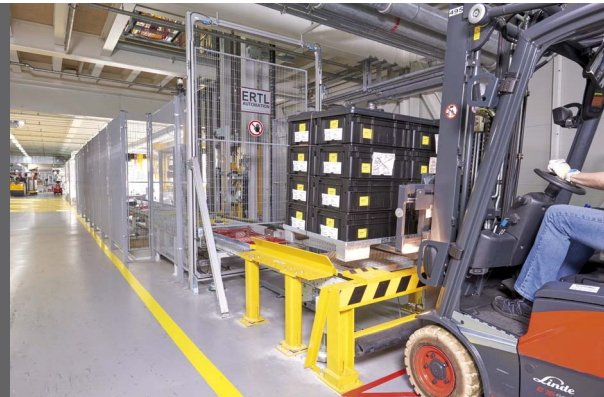
- Change in direction by rotary table
  - 180° rotation
  - ± 90° rotation
- Rectangular transfer
  - from longitudinal to transverse operation by corner transfer conveyor and vice versa
- Horizontal displacement of installed chain conveyor possible
- Ball-bearing mounted direction change
  - Low-noise
- Clinching





# ERTL INFEED AND OUTFEED POINTS

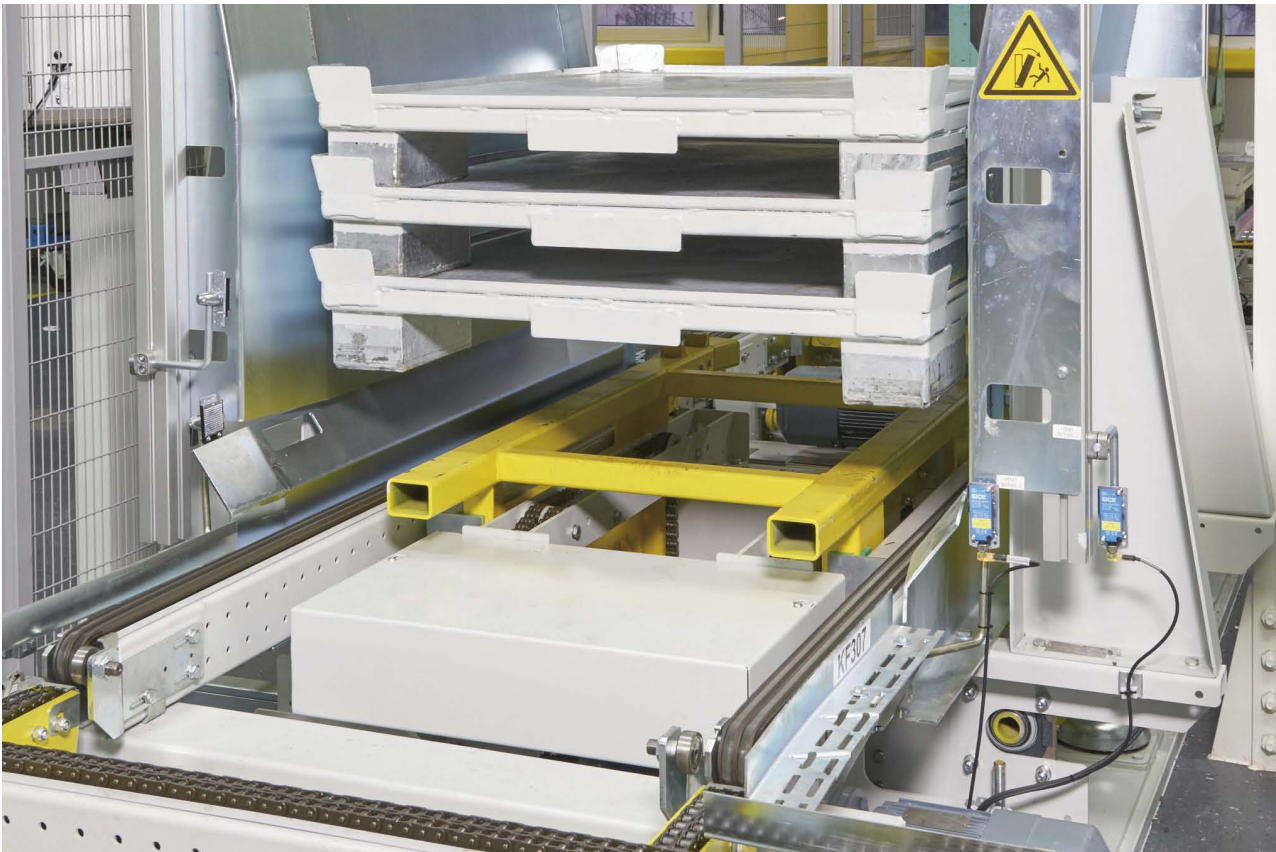
- **Insertion and discharging points**
  - Flexible integration into system setup possible
- **Feeding of workpieces**
- **Insertion aids for feeding by forklifts or automatic guided vehicles (AGV)**
- **Ram protection**
- **Monitoring of exterior dimensions of transported material**



- Robust design
- Tamperproof
- Access protection by muting systems
- Contour control



# ERTL PALLET STACKER



- Buffering of load carriers
- Automatic stacking and unstacking
- Separation of transport pallets
- Immediate provision of load carriers at infeed points
- Pallet cage stacking for truck transport

- Extension option of existing systems with empty pallet buffer
- Fast, flexible, efficient supply
- Relief of the logistics





# ERTL

*-innovation  
with automation.*

ERTL Automation GmbH & Co. KG  
Budapester Straße 5 | D-94315 Straubing  
Tel.: +49 (0) 9421 1847-0  
Fax: +49 (0) 9421 1847-20  
Mail: office@ertl-gmbh.de

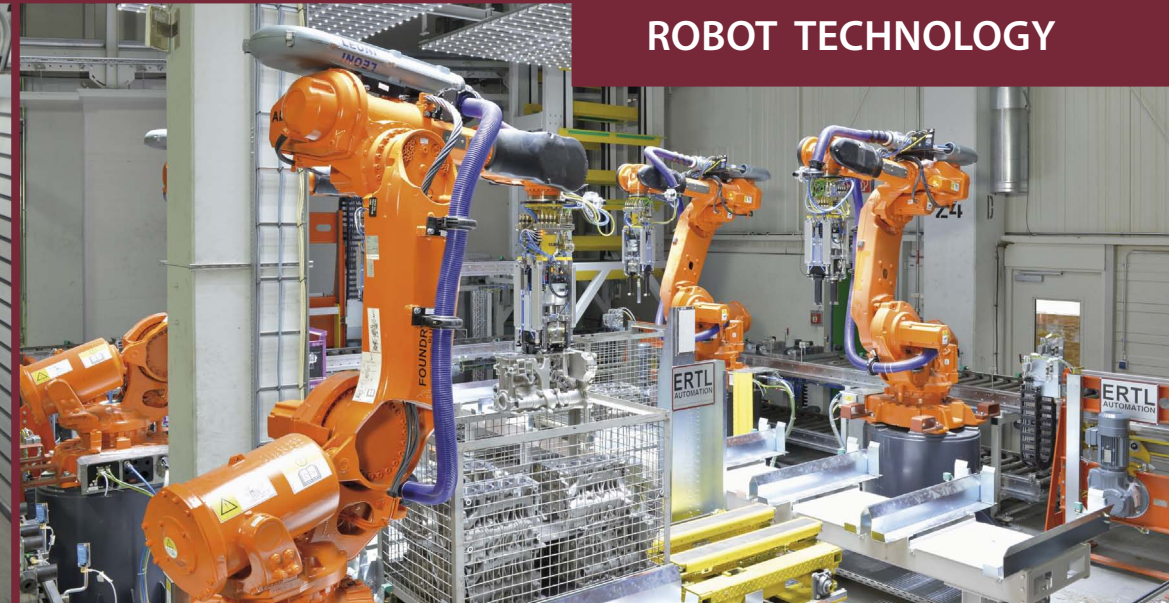


[www.ertl-gmbh.de](http://www.ertl-gmbh.de)

## PALLETISING TECHNOLOGY



## ROBOT TECHNOLOGY



## CASTING TECHNIQUE



## LIFTING SYSTEMS

