



AUTOMATION AND CONVEYOR SYSTEMS

T M T a.s. Chrudim

www.tmt.cz

tmt

INDUSTRIAL PRODUCTION



TMT products and services are used in lots of production sectors:

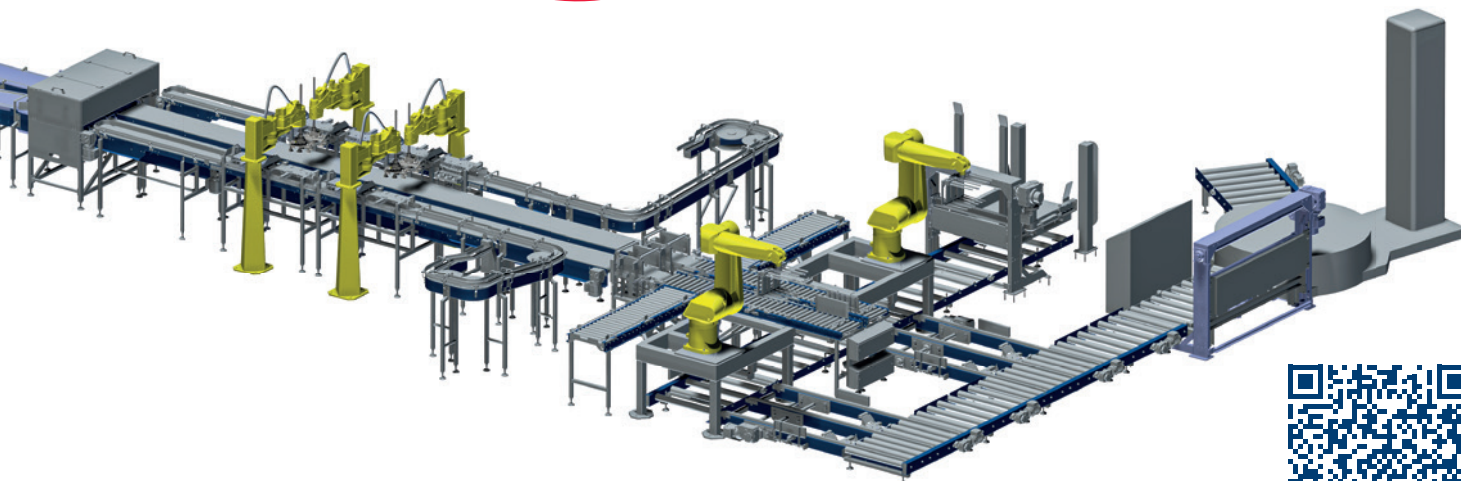
- Mechanical and electrical engineering
- Automotive
- E-shops, warehouses and distribution centres
- Food & Beverages
- Chemical and pharmaceutical companies
- Paper and packaging
- Tyre manufacturing
- Manufacturing of construction materials

Robotization

Are you limited by staff shortage? Do you need to increase the performance of your production facilities?

- Solutions for fast, precise and complex handling operations
- Conveyor systems for transfer and positioning of products
- Grippers, plinths and safety solutions as a standard part of our robotic workplaces
- Camera guidance and inspection systems
- Integrated robots of renowned brands
- Other integrated machines – laser technologies, packaging machines, industrial screwing devices, etc.

**Production
and warehouse
automation,
robotization
... it means
TMT**



PRODUCTION AND ASSEMBLY LINES

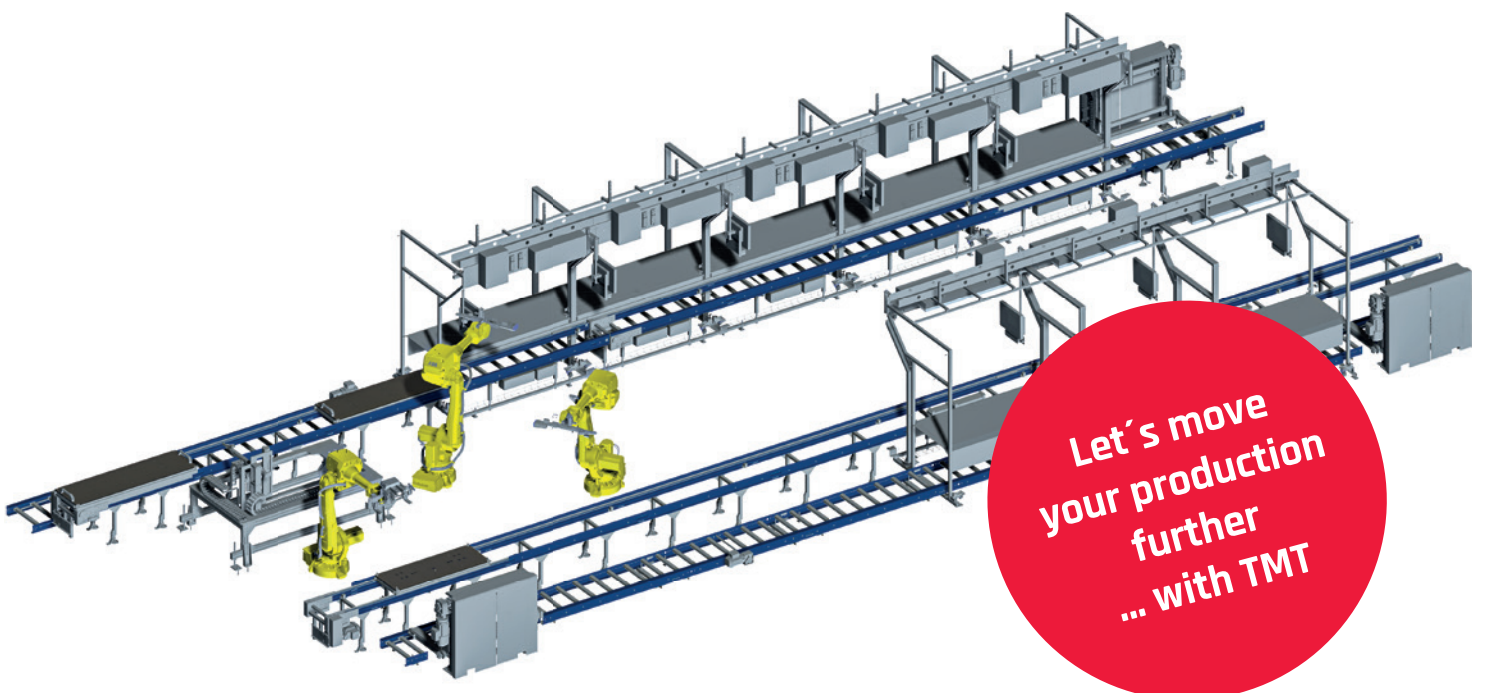


Do you need to increase productivity or expand the range of your production?

TMT technologies solve all operations starting with the receipt of material to removal of finished products from the warehouse and even more:

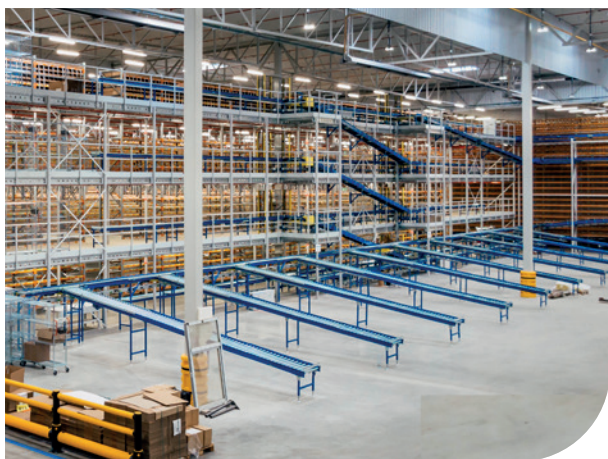
- The design of lines always respects specific requirements and uses proven solutions
- Maximum performance with regard to ergonomics, safety and reliability
- Application of roller, chain and belt conveyor technologies or their combinations
- Single-purpose assembly pallets and devices
- Trays for parts and other components
- Integrated robots and manipulators
- Rotating, lifting and overturning operations including precise positioning
- Comprehensive cooperation with automated warehouses or AGVs
- Monitored, supervised and archived operations

Take advantage of the experienced partner - TMT a.s. Chrudim.



**Let's move
your production
further
... with TMT**

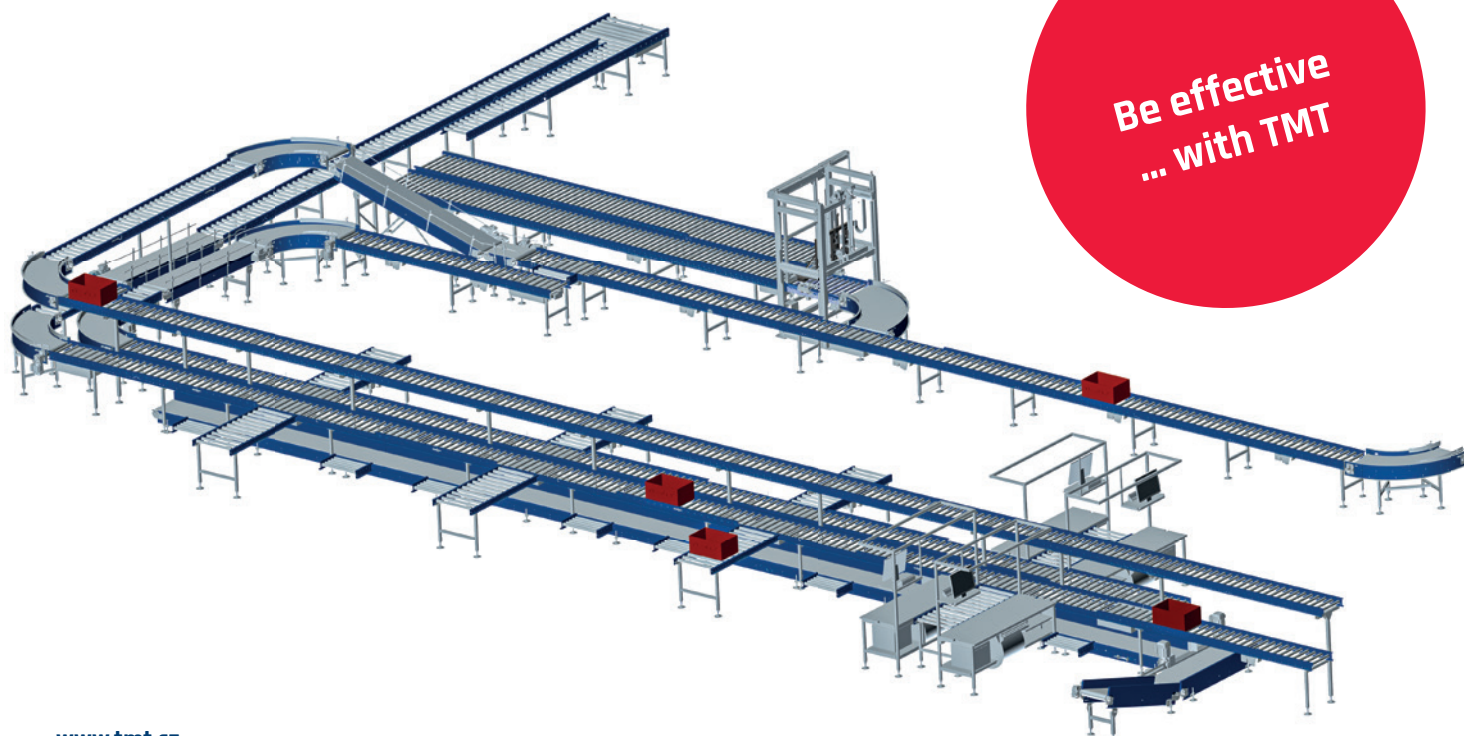
WAREHOUSES AND DISTRIBUTION CENTRES, E-COMMERCE



Storage, Picking and Packaging

With us, you can optimally service your warehouse area with a comprehensive system solution. Operation specification, required performance as well as product range and error reduction are always considered.

- Workplace for receipt of goods
- Loading and picking goods from various warehouse positions
- Warehouse automation
- Consolidation and packing, packaging workplaces
- Weighing, gluing, taping, labelling
- Stackers and de-stackers for storage of empty packages
- Connection and communication with WMS, visualization
- Process optimization



**Be effective
... with TMT**

PALLETIZING – PACKAGING LINES



Reliable storage and packaging with smart pallet logistics?

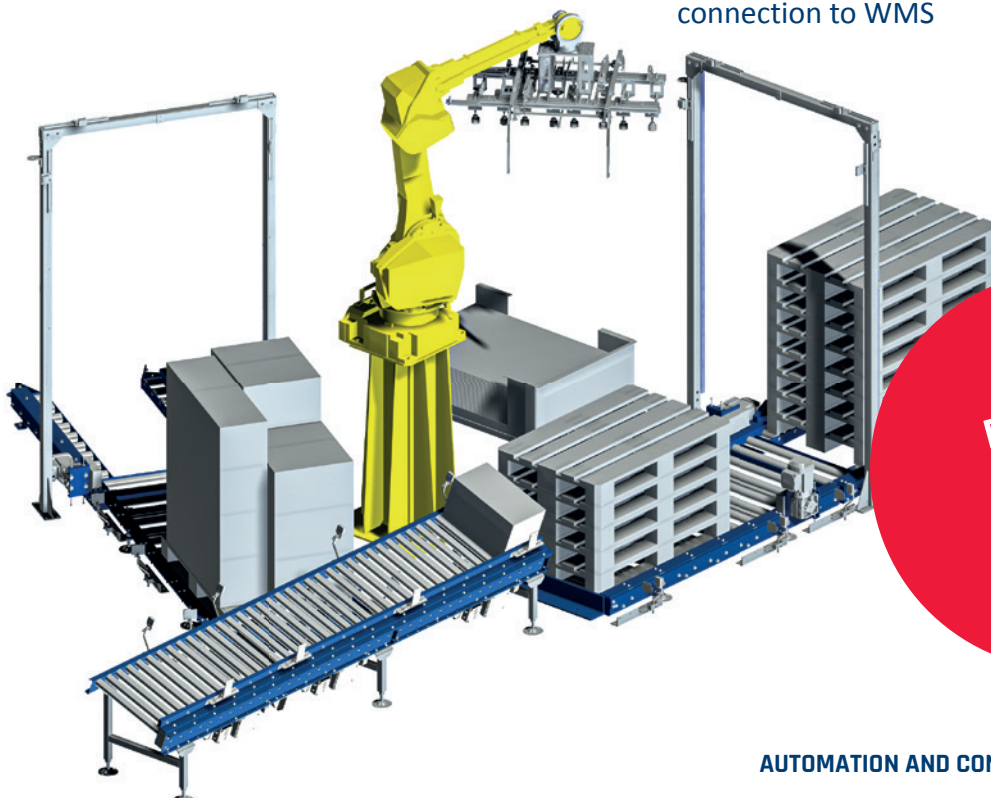
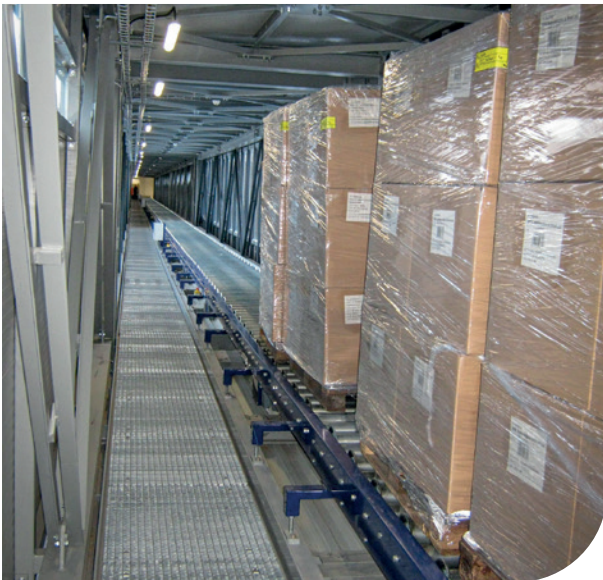
Our pallet conveyors are designed to transport the goods on pallets and trolleys of various sizes.

PALLETIZING AND PACKAGING

- Infeed conveyors for goods, pallets and packaging materials, positioning for robot picking
- Palletizing and other robotic operations
- Integration of packaging machines for pallet fixation, (wrapping, strapping) and pallet marking

PALLET TRANSPORT LINES

- Loading and picking points adapted for pallet handling by pallet trolleys, AGV or trains
- Input pallet contour check, automatic pallet identification
- Roller and chain conveyors, elevators, pallet centering
- Pallet stackers / de-stackers
- Gates and fire shutters included in the lines
- Pallet flow tracking, traceability, visualization, connection to WMS



Reliable
solution
... it's TMT



Our company is a leading Czech manufacturer of automated conveyor systems and robotic workplaces. Our products are used all over the world.

- Stable Czech company with international experience
- Comprehensive customized solutions for various industries
- Over 30 years of experience
- Over 6500 realized orders
- Our own strong design, construction and manufacturing background
- The team of experienced professionals for all project stages
- Wide portfolio of regular customers

We dispose of our own premises with production halls and modern production equipment.

Main production programme:

- Conveyors and conveyor systems
- Production and assembly lines
- Robotic workplaces
- Automatic storage and packaging systems
- Robots integrated in transport and handling systems
- Integrated lasers, camera systems, assembly fixtures and tools
- Control systems
- ... and other special deliveries



**Over 30 years
of experience,
6500 completed
projects**

OUR SERVICES

Contact us

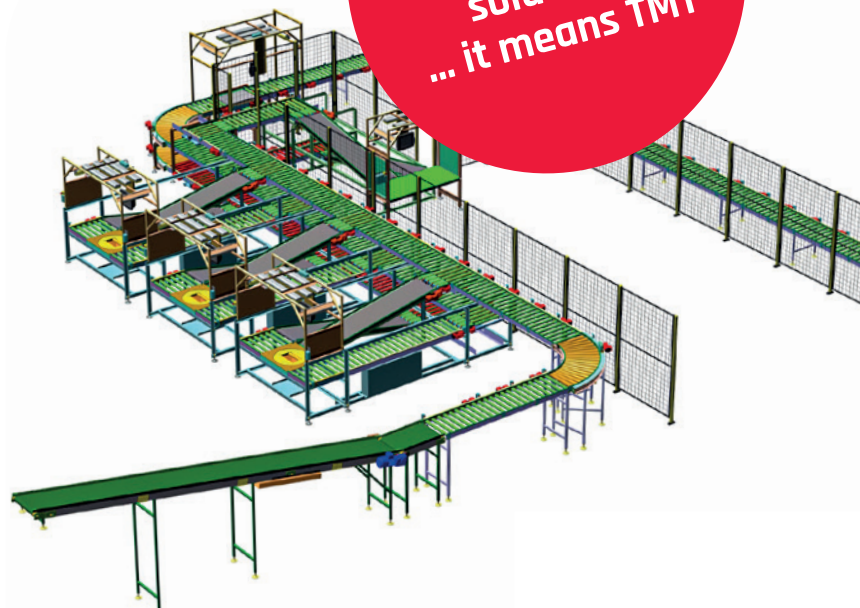
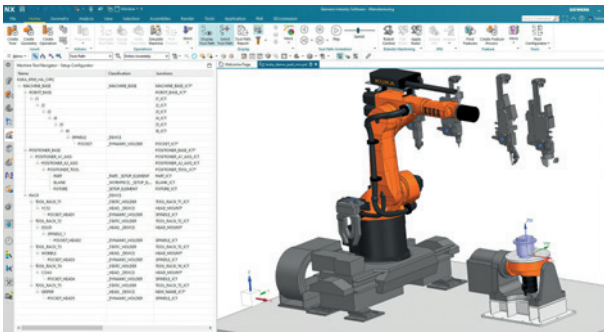
We offer a wide range of engineering services and can help you develop perfect solution of your automation processes at various stages.

All solutions include integrated electronic control and data systems for logical and easy control and communication.

We will provide our service throughout the entire process. This service includes testing, putting the whole system into operation as well as proper training provided to your operators.

- **Project Design and Construction**
- **Mechanical manufacturing**
- **Electrical manufacturing**
- **Assembly, commissioning**
- **24/7 service**

**Comprehensive
solutions
... it means TMT**





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