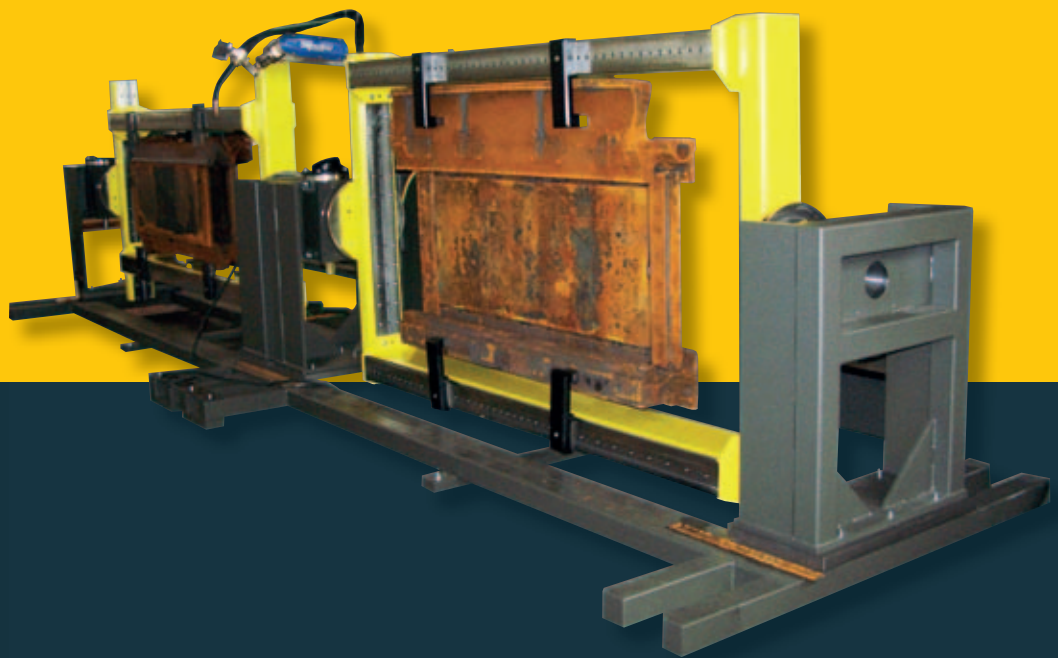
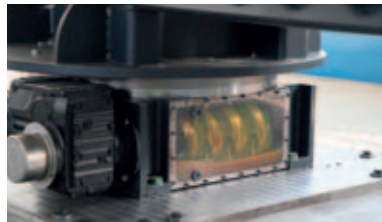


# TAKT O MAT

passion for automation



**Heavy-duty handling**  
robust. fast. flexible.



# TAKTOMAT

passion for automation

## A leading brand manufacturer

TAKTOMAT has been successfully manufacturing components such as rotary tables, linear systems or cam mechanisms, rotary tables and handling devices for special-purpose machines since 1989. TAKTOMAT is committed to achieving what is technologically feasible through continuous research projects with a number of renowned universities and many years of experience with customers from various industries.

The integration of research and science in the development process, the tireless optimisation of quality as well as numerous patents for TAKTOMAT's in-house developments all demonstrate the lasting innovative power of the company. In addition to a high level of cost efficiency throughout the product's service life, you also benefit from low engineering costs during commissioning and operation. Alongside valuable experience and a highly motivated team, we also have the necessary drive to spur projects on and ensure they are completed quickly.

One good reason why our commitment is reflected in our slogan:  
**„passion for automation“**

## Innovative ideas put to good use.

As an innovative supplier, TAKTOMAT is a flexible partner for industrial automation. We manufacture all types of drive for the flexible movement and positioning of heavy workpieces. This means we are always able to offer the optimum solution for a variety of industries. In addition to our complete catalogue range, we also develop and manufacture customised drive solutions. Put us to the test!

## The perfect solution for every requirement

We develop innovative rotary indexing tables, rotary drums and lifting shuttle systems, in particular for medium and large components as well as complete car bodies. All mechanical movements are gentle, smooth and zero-impact. Thanks to the extremely precise workmanship, an external centring device is not required.

## A wealth of applications

TAKTOMAT develops drive solutions for welding cells, laser processing, cutting systems, riveting systems, assembly systems, forming processes, press loading, surface treatments and coatings. During product development, we always work closely with our customers to ensure that all knowledge and requests are incorporated.

## More convenient, increased productivity

Fast switching times mean shorter cycle times, which means that you benefit from a significant increase in productivity! The shortest possible emergency stop time also enables components to be inserted manually (personal safety stop). All rotary movements can be performed with either fixed or flexible indexing.

## Reduced maintenance costs - higher quality

Right from the product development stage, TAKTOMAT focuses on achieving minimum wear to ensure extremely low maintenance costs. All components produced by TAKTOMAT are manufactured in-house and, thanks to our 100 percent parts inspection policy, meet the highest requirements in terms of consistent quality and precision.

## Customer orientation provides competitive edge

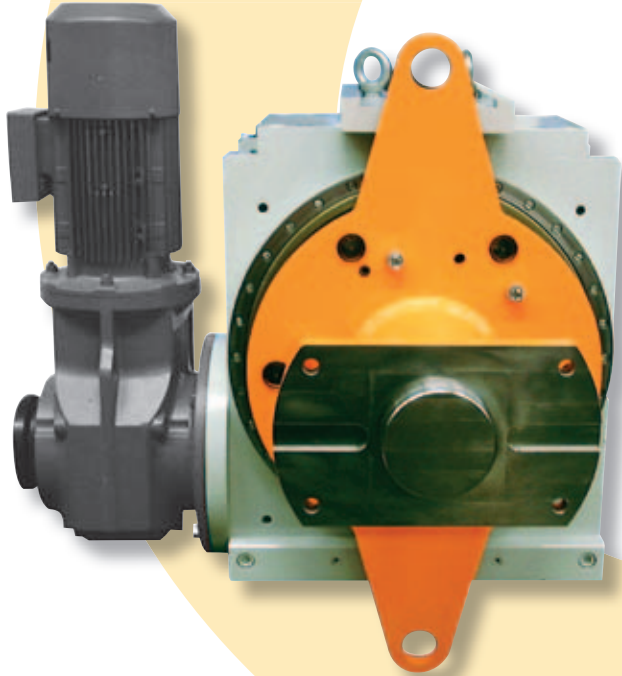
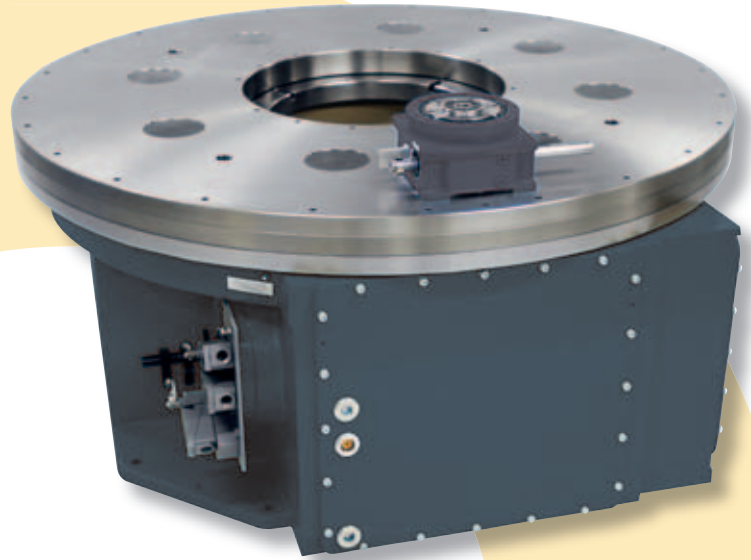
One of the key strengths of TAKTOMAT is our ability to respond to customer requirements quickly and on an individual basis. Our experienced team of flexible specialists is on hand! Thanks to optimised organisational and process structures and an exceptionally large parts warehouse, TAKTOMAT is able to shorten delivery times significantly.



# VISIONS BECOME REALITY

## Heavy-duty rotary tables (compact design)

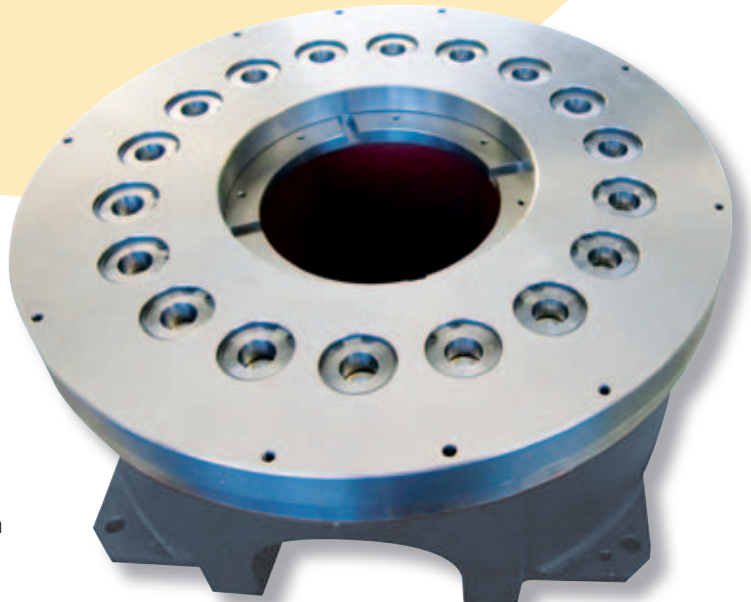
- Optimised for standard indexes of 2,3,4 or flexible indexing
- Large centre opening
- Side access for media feed-through
- Can be installed vertically or horizontally as rotary table or rotary drum
- Personal safety stop
- Repeatable, extremely short emergency stop time
- A safety peg can be integrated on request
- Different types of wiring possible



Rotary drum

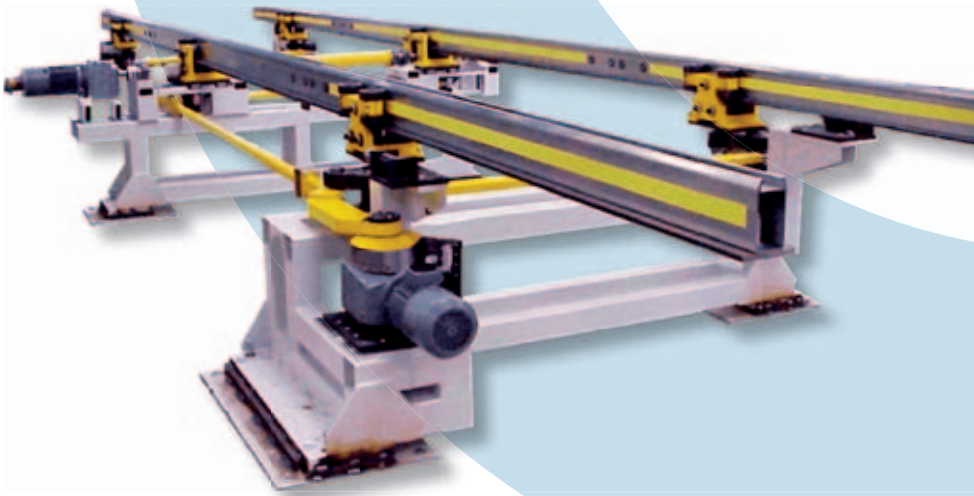
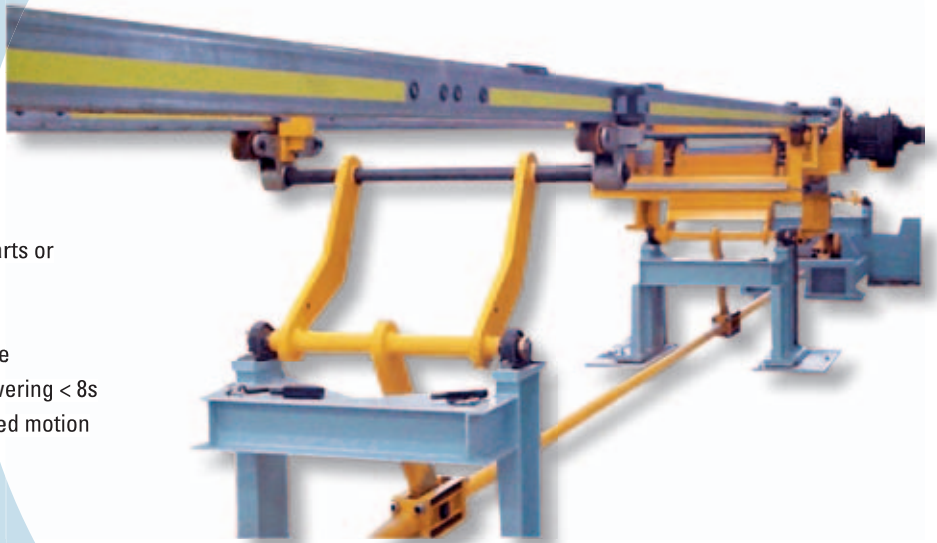
## Heavy-duty rotary table (flat design)

- Flexible indexing.
- Servo drive can be selected according to customer requirements
- Very large central opening due to ring-shaped construction
- Low working height due to flat design
- Side access for media feed-through
- Personal safety stop
- Repeatable, extremely short emergency stop time
- Easy to replace cam rollers once installed
- Can be installed vertically or horizontally as rotary table or rotary drum
- A safety peg can be integrated on request
- Different types of wiring possible



## Lifting shuttle systems

- Flexible lifting/longitudinal transport of car body parts or entire car bodies
- Smooth and zero-impact component transfer
- Different sizes, tailored to transport weight and size
- Cycle time for lifting, longitudinal transport and lowering < 8s
- The lifting movement of the shuttle provides the feed motion for the component
- Independent horizontal and vertical movement



## APPLICATION-SPECIFIC ADDITIONAL SERVICES

- TIC rotary table control for wear-free control of drive units
- Individual base frames for all units
- Indexing tables for rotary indexing tables made of aluminium or steel
- Calculation and manufacture of all cam geometries according to customer drawings and diagrams
- Programming with all common laws of motion



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