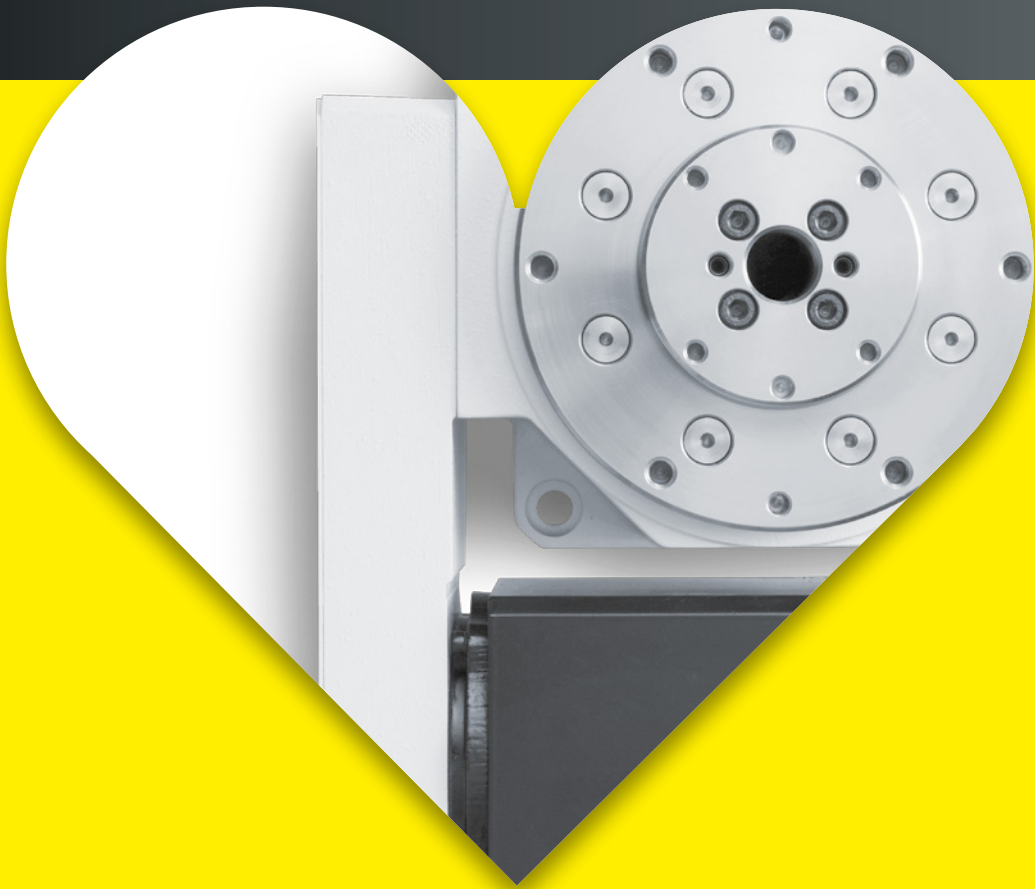


THE NEW TC



**WITH A STRONGER HEART
WITH A FASTER PULSE**



THE NEW GENERATION OF ROTARY INDEXING TABLES

INCREASE THE PRODUCTIVITY OF YOUR AUTOMATION SOLUTION WITH IMPRESSIVE SPEEDS AND THE KIND OF POWER DENSITY THAT HAS SIMPLY NOT BEEN AVAILABLE BEFORE.

Electromechanical rotary indexing tables from WEISS holds a legendary reputation. The exceptional robustness and high quality of the TC tables ensure unparalleled reliability. **The fourth generation is now here!** Our engineers have raised the bar again. Design and manufacturing optimisations have led to improvements in service life, performance and speed.

MORE POWER IN THE SAME SPACE

Are you interested in the maximum load capacity? Does your application require only a few stations, but has to position heavy loads? The new TC achieves virtually double the mass moment of inertia in comparison to its predecessor. Depending on the application parameters, it boasts as much as 90 % more power. This means that a smaller table can now often be used, which saves you both money and space.



INCREASED PRODUCTIVITY THANKS TO SHORTER CYCLE TIMES

Does your automation solution require many stations to be operated within a small window? The new TC is absolutely perfect for this. The performance of the rotary indexing table has been increased for high-speed applications in such a way that it boasts up to 20 % shorter cycle times than its predecessor, while achieving the same maximum mass moment of inertia.

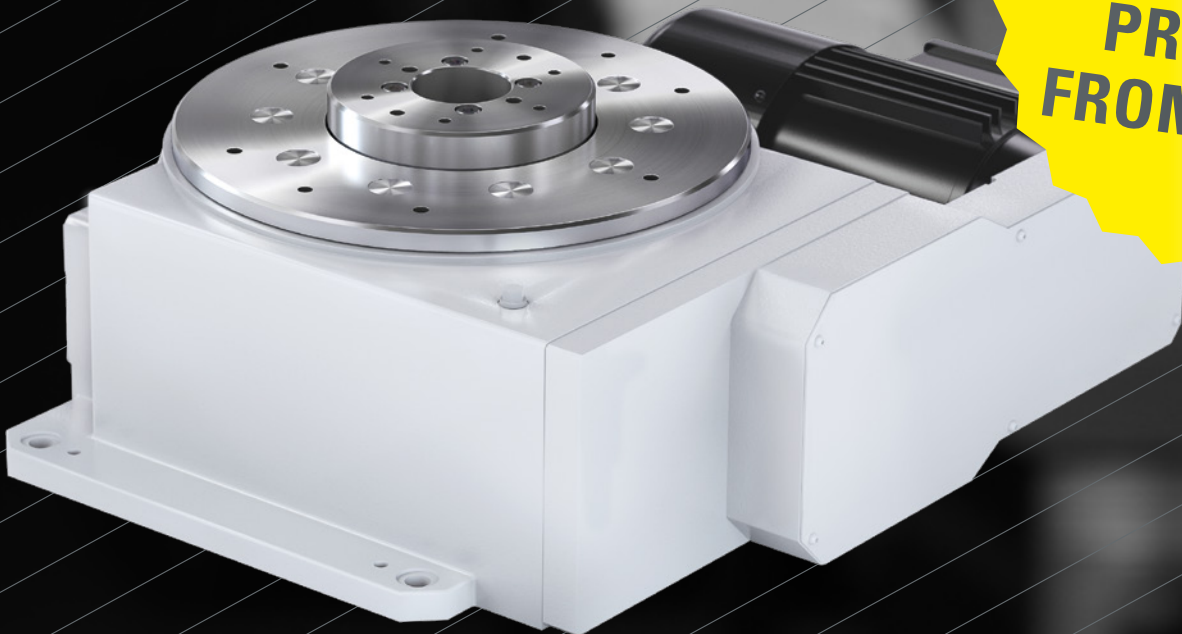
GREATER PERFORMANCE

GREATER POWER

GREATER EFFICIENCY

The enhanced TC model range brings new dimensions of efficiency to your automation solution: **up to 20 % faster cycle times – up to 90 % more performance in the same space.**

**THE NEW
POWER
PRODUCT
FROM WEISS**



STRONGER. FASTER.

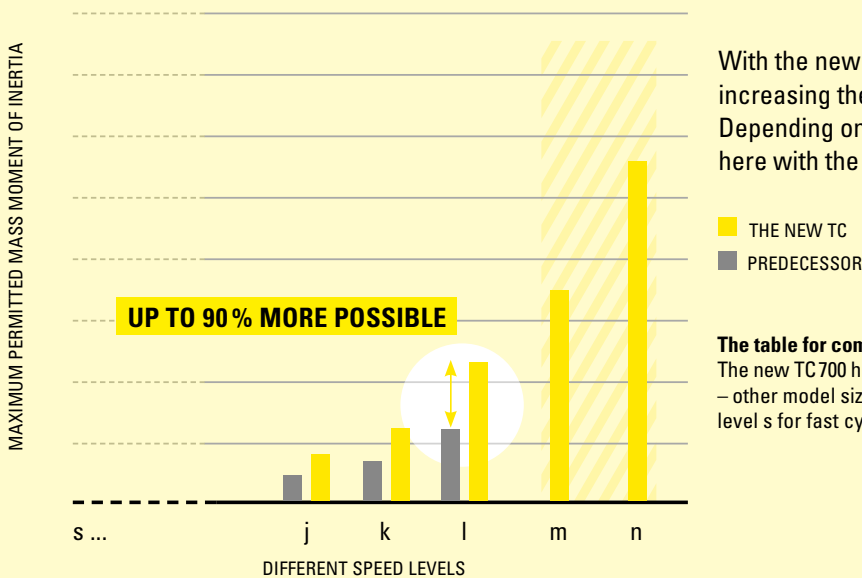


**A
GENUINE
WEISS**

Tried and tested TC quality thanks to excellent in-house manufacturing at the Buchen facility.

Retrofit option: 100% compatible due to identical interfaces as its predecessor.

DOUBLE THE LOAD CAPACITY OVER ITS PREDECESSOR



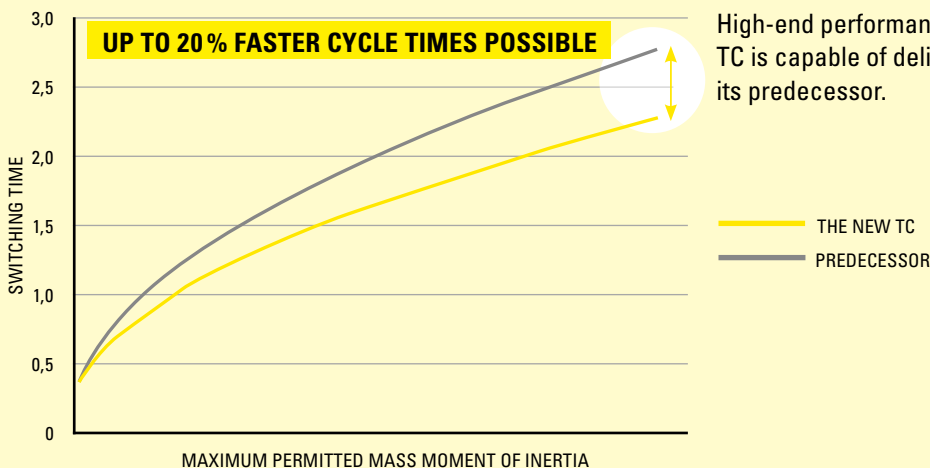
With the new TC, we have succeeded in significantly increasing the maximum permitted mass moment of inertia. Depending on the application, by up to 90%, as is the case here with the TC 700.

The table for complex processes

The new TC 700 has been provided with three additional speed levels – other model sizes even up to 4 speed levels, amongst others the level s for fast cycles when processing small loads.

Increased maximum mass moment of inertia on the new TC 700 over its predecessor

COMPARISON OF THE NEW TC: FASTER SWITCHING TIMES – GREATER PRODUCTIVITY



High-end performance for high-speed applications: The new TC is capable of delivering up to 20% greater throughput than its predecessor.

Comparison of the switching times that can be achieved on the new TC 320 and its predecessor of the same size

THE COMPLETE PACKAGE FOR ROTARY TABLE SOLUTIONS

CONTROL SYSTEM, PLATE, BASE FRAME

EF2 ROTARY TABLE CONTROL SYSTEM – FAST START-UP, MAXIMUM OPERATOR CONVENIENCE

The EF2 frequency converter control system has been optimally matched to the new TC. The intuitive, web-based user interface allows for quick and easy startup. Since the EF2 also eliminates brake wear, the TC rotary indexing table is virtually maintenance-free throughout its entire service life. We have therefore extended the warranty for the table to an impressive four years.

- Optimally matched control system
- Fast start-up thanks to intuitive user interface
- Increased performance
- No brake wear



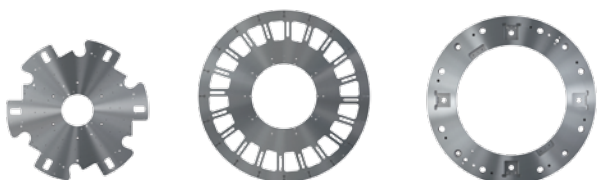
INDIVIDUAL SOLUTIONS: A SYSTEM OF MATCHED COMPONENTS

With our complete packages, comprising of a rotary indexing table, base frame and plate, we support you in optimising time, costs and resources when compiling your system. You have a single contact and receive everything from a single source, so you do not need to worry about interface problems. You also receive an acceptance certificate and the security of knowing that everything fits just right.

- Short delivery times and reduced project costs
- Guaranteed quality, including test report
- Proven basic modules for perfectly matched system solutions
- Perfectly matched complete solution from the rotary table manufacturer

PLATES

- Base plate, stationary or rotary plate
- Round or angular design in steel or aluminium
- Various surface finish treatments: anodised, hard-coated, bronzed or nickel-plated



BASE FRAMES

- Round or square design
- High-grade, robust welded construction
- Height adjustment or custom models possible





**INSPIRING PEOPLE
GREAT SOLUTIONS**

WEISS GMBH

Siemensstraße 17 74722 Buchen
Phone +49 (0) 6281 5208-0 Fax +49 (0) 6281 5208-99
info@weiss-gmbh.de www.weiss-gmbh.de