



INSPIRING PEOPLE
GREAT SOLUTIONS

PRODUCT OVERVIEW

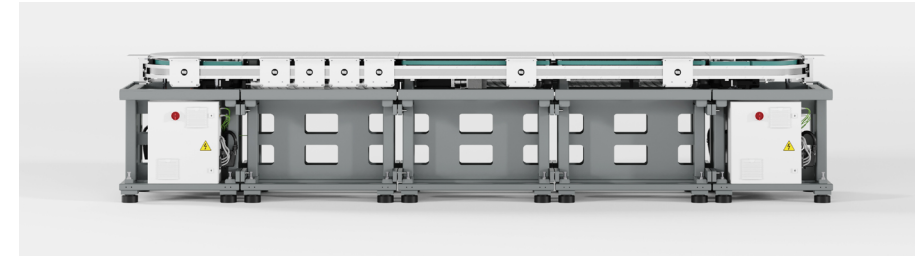
- ROTARY INDEXING TABLES
- LINEAR TRANSFER SYSTEMS
- HANDLING MODULE
- SOFTWARE
- SERVICE

PLATFORM TRANSFER SYSTEMS

LINEAR TRANSFER SYSTEMS

LS HYBRID

Cam drive or direct drive in conjunction with a belt section – the hybrid drive system permits adaptation to specific application requirements.



LS 280

This LS system transfers the operating principle of the rotary indexing table to the straight section – including an unlimited number of stop positions.



LS ONE

With LS One, users rely on a subsystem based on the plug & produce principle. It can be flexibly configured and easily commissioned.



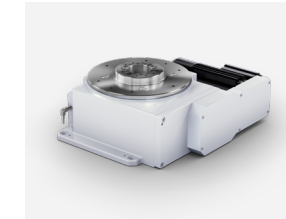
LS LINK

Efficient, easy and fast, thanks to timing chain technology. Servo motors and the guiding concept enable minimal transport times and high accuracy.



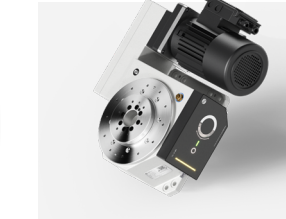
PLATFORM ROTARY INDEXING TABLES

FIXED-STATION ROTARY INDEXING TABLES



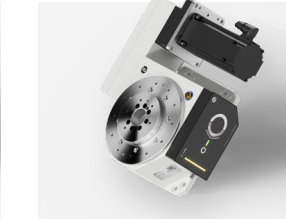
TC

Maintenance-free indexer with precision and speed for heavy-duty applications.



TC-N

Fifth generation for higher loading with the same size (incl. Smartboard).



TC-NE

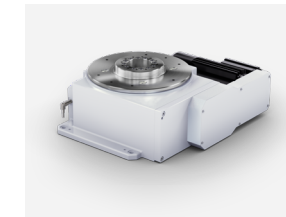
eCam technology for a shorter overall cycle time by up to 25 percent (incl. Smartboard).



TR

Rotary indexing ring with larger center opening, flat design and high indexing precision.

FREELY PROGRAMMABLE ROTARY INDEXING TABLES



NC

NC is freely programmable and at the same time as rugged, reliable and precise as a fixed-cycle indexer.



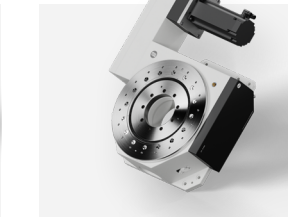
NR

Rotary indexing ring with larger center opening, flat design and high indexing precision.



CR

Flat heavy-duty ring indexer with larger center opening. A genuine powerhouse.



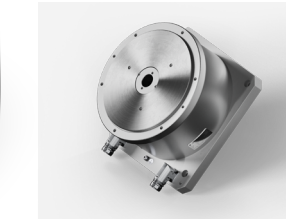
CR-N

Freely programmable CR-N are extremely rugged and have the same height across multiple sizes.



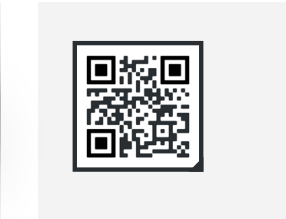
TW

Integrated torque motor with high-precision gear reduction, absolute measuring system + holding brake.



TO

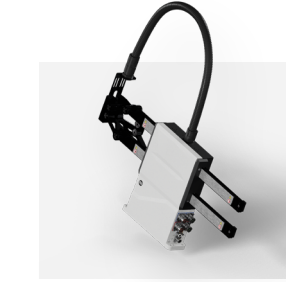
Direct drive and freely programmable. With high dynamics and repeat accuracy.



QUESTIONS?

We will help you plan your system!

AUTOMATION COMPONENTS HANDLING



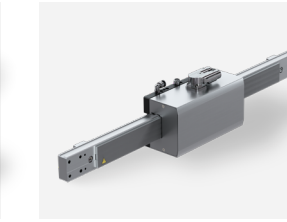
PICK & PLACE HP

HP realize fast, precise tasks. Thanks to the compact design, they save space.



LINEAR AXIS HG / HN

The linear axes are compact, low-maintenance, wear-free and have low energy costs.



LINEAR AXIS HL

Linear motor axis with state-of-the-art drive technology for both horizontal and vertical use.



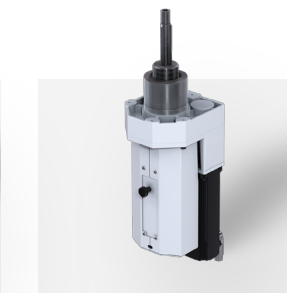
DELTA ROBOT DR

DR is designed for applications that require high dynamics, repeat accuracy and load.



ROTATION MODULE ST

Direct motor and absolute encoder for fast, precise rotation and swivel movements.



STROKE-ROTARY UNIT SH

For any stroke and swivel tasks, and changing tasks.



MK CROSS TABLE

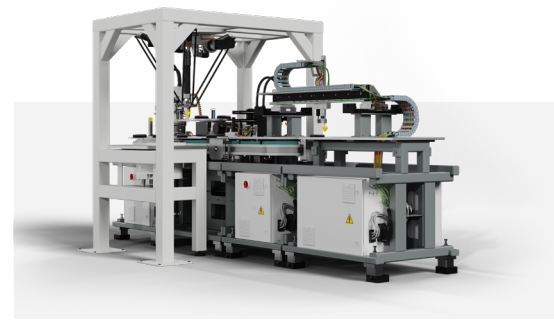
Cross table for micro-assembly, micro-machining or measurement technology.



QUESTIONS?

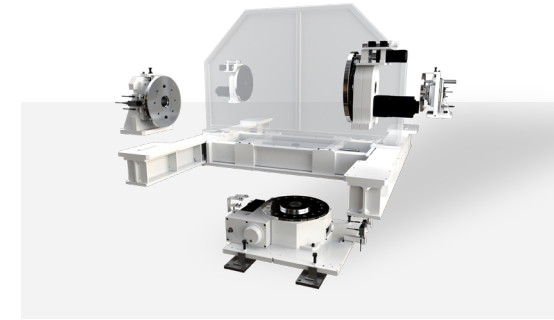
We will help you plan your system!

CUSTOM SOLUTIONS



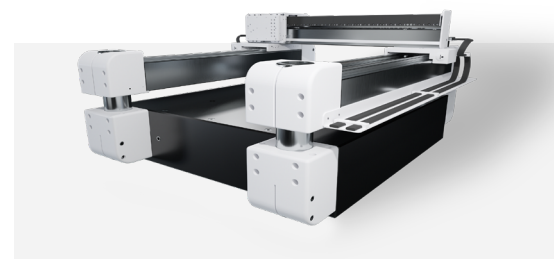
SUBSYSTEMS

WEISS components are easy to combine and integrate. In conjunction with handling solutions, rotary indexing tables or linear transfer systems take on subprocesses in assembly plants.



TRUNNION

Trunnion positioners are based on the CR series of WEISS rotary indexing tables. They supplement robot applications for welding or assembly, for example.



CUSTOMIZED AXIS COMBINATIONS

WEISS develops individual solutions from the single component to the subsystem. For this purpose, we use our many years of experience and our high competence in technology development.

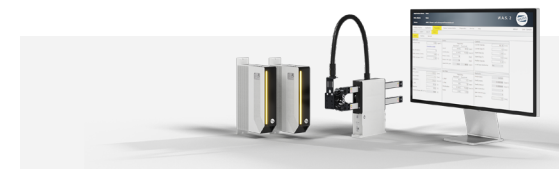


PICK-O-MAT

The Pick-o-Mat automated assembly system combines a rotary indexing table with up to 24 handling, pressing, and lifting modules that are cycled via a central drive.

SOFTWARE + CONTROLS

MULTI-AXIS SYSTEMS CONTROL PACKAGES (FREELY PROGRAMMABLE)



W.A.S. 2 COMPACT

The control package is a complete package consisting of hardware and software. It makes component start-up easy and up to 4 axes can be controlled. Application-relevant services and a web-based interface make it easier to operate.



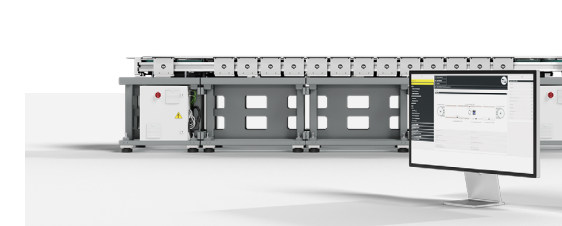
W.A.S. 2 SCALABLE

The complete package consisting of hardware and software can be used for up to 32 axes. Application-relevant services and a Windows-based interface ensure simple operation. Numerous interfaces and standards ensure optimal system connectivity.



W.A.S. ROBOTIC

WEISS delta robots – only in conjunction with this preconfigured control package. It can be operated from any common web browser on a PC or laptop. The package can be integrated into the higher-level plant control system.



W.A.S. 2 LS

W.A.S. 2 LS has preset parameters, which make it easier to commission the linear transfer systems. The user is guided by clear instructions on the graphical user interface. Extremely fast processes can be mapped with sequence programming directly in the drive controller.



W.A.S. – WEISS APPLICATION SOFTWARE

W.A.S.2 enables the convenient setup and control of all WEISS components.

The entire component program can be easily controlled with the W.A.S. 2.

- Fast and easy start-up
- Intuitive user interface
- Monitoring and diagnostic functions
- Comprehensive interface selection
- Plug & work for single or system modules
- Maximum operator convenience
- Up to 30% higher output
- Smart energy management

CONTROL PACKAGE ROTARY INDEXING TABLES (FIXED-CYCLE)



TS005 INDEXER MODULE

The basic controller for TC, TC-N, and TR fixed-station rotary indexing tables.



FREQUENCY CONVERTER FOR INDEXER EF3

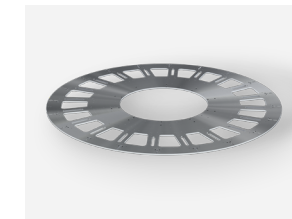
High-performance with cycle time optimization. Low maintenance costs and minimal brake wear.



FREQUENCY CONVERTER FOR INDEXER EF2

Maximum convenience for commissioning and operating the TC and TR rotary indexing tables.

ROTARY INDEXING TABLE ACCESSORIES



CUSTOMER-SPECIFIC PLATES
Max. precision in terms of wobble and indexing precision since table and plate are from a single source.



FRAMES
Installed and inspected as a unit, frames from WEISS simplify customer engineering.



360° SERVICES



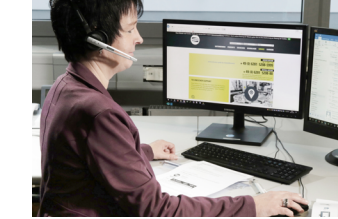
INITIAL OPERATIONS

From the first steps to integrating WEISS components into your system.



TRAINING

Tips, tricks and questions in tune with your specific process.



HOTLINE

In an emergency, what matters most is reducing downtimes to a minimum.



INDIVIDUAL SERVICE AND MAINTENANCE CONTRACTS

Annual maintenance and inspection work to maximize availability.



IN-HOUSE REPAIRS

Your systems will be ready for use again in no time, thanks to in-house repairs by WEISS.



SPARE PARTS AND ACCESSORIES

Long-term spare part availability.

