



AIMS AGILE
FACTORY AUTOMATION

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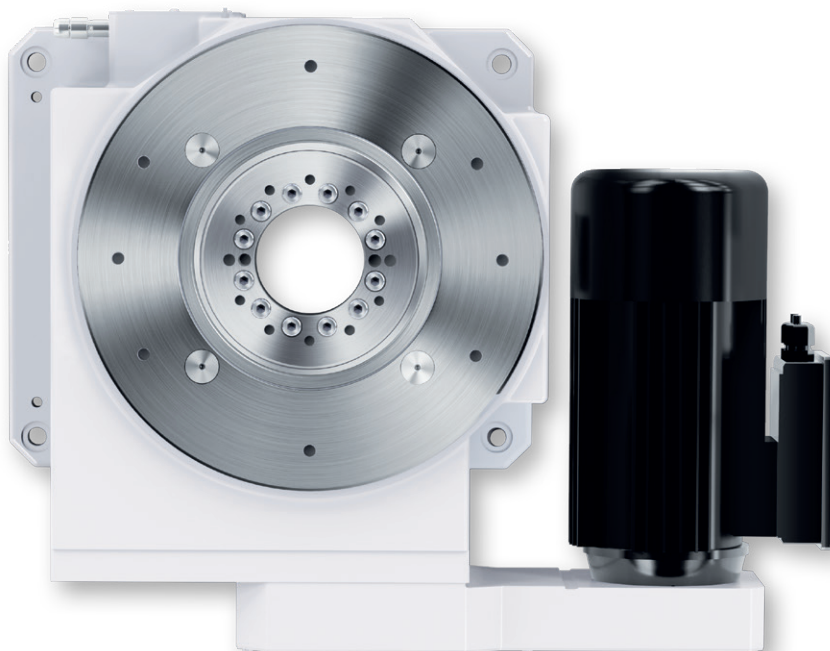


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PRODUCT OVERVIEW

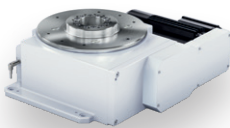
ROTARY INDEXERS
TRANSFER SYSTEMS
HANDLING UNITS
DRIVES
SERVICE



1

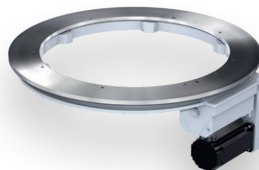
PLATFORMS

ROTARY INDEXING TABLES



TC / NC ROTARY INDEXING TABLE

The TC: Legendary reliability and extremely robust quality. Fixed-station or freely programmable.



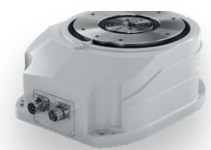
TR / NR ROTARY INDEXING RING

Rotary indexing ring with very large central opening and extremely flat design. Fixed-station or freely programmable.



TO TORQUE DIRECT DRIVE ROTARY TABLE

Direct-drive for ultimate dynamic performance, fast indexing times and extremely high degree of repeat accuracy.



TW DIRECT DRIVE COMPACT ROTARY TABLE

The integrated torque motor with high-precision gear reduction allows the unit to be compact yet still deliver high power density.

HEAVY DUTY ROTARY INDEXING RINGS



CR HEAVY DUTY ROTARY INDEXING RING

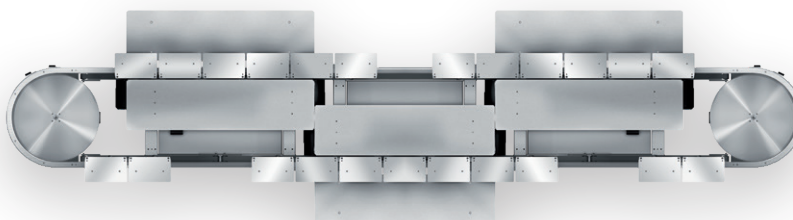
Flat heavy-duty ring indexer with large central opening. A real powerhouse. Freely programmable.



TH HEAVY DUTY ROTARY DRIVE

The TH freely programmable heavy-duty rotary drive combines an extremely high level of torque with the ability to handle horizontal loads and high breakdown torque levels.

LINEAR TRANSFER SYSTEMS



LINEAR ASSEMBLY SYSTEM LS 280

Operating principle for greater productivity. The modular cell concept facilitates a flexible system design.



LINEAR TRANSFER SYSTEM LS HYBRID

Whether it's the cam drive, direct drive, freely programmable redirection unit, or conveyor belt system, the LS Hybrid transfer system is based on a modular design principle and allows more precise adaptation of the system to your application needs.

2

HANDLING UNITS



HP PICK AND PLACE HANDLING SYSTEM

Two linear motor axes, one compact module. Thanks to direct drive, the unit is user-programmable and extremely precise.



HN / HG LINEAR MOTOR AXES

Highly dynamic drive technology for your basic axis. Ready-for-installation, boasting massive power density. Also available as an HG model based on aluminium profile.



HL HIGHLY DYNAMIC LINEAR MOTOR AXES

The flexible linear motor axis for any application: horizontal or vertical.



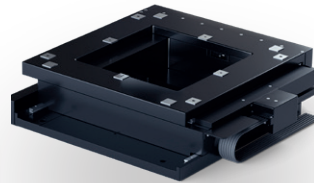
DR DELTA ROBOT

Delta robots are lightweight, fast and champions of high-speed assembly and handling.



ST DIRECT DRIVE TORQUE MOTOR

The rotating modules with torque motor and absolute rotary encoder for fast, precise and highly dynamic rotary and swivel movements.

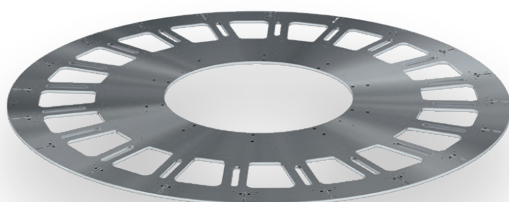


MK CROSS TABLE

The MK cross table opens up new applications in the area of micro-assembly, micro-machining or measuring Systems.

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ACCESSORIES



CUSTOM ROTARY INDEXER PLATES

The rotary indexing table and additional indexing plate are measured as a single unit—including final inspection and test protocol.

BASE FRAMES

From the design, through the requisite precision and dimensions, all the way up to the color: customers can select all parameters individually.

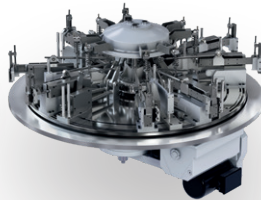


4 SUBSYSTEMS AND SOLUTIONS



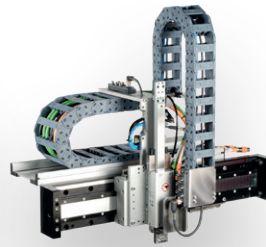
SK / SR CUSTOM ROTARY INDEXER TABLE BASES AND CHASSIS

Tried-and-tested standard modules form the basis for perfectly matched system solutions.



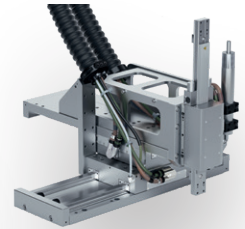
PICK-O-MAT ROTARY AUTOMATED ASSEMBLY SYSTEM

Electromechanical automated assembly system with up to 24 handling modules – indexed via a central drive.



LP LINEAR PORTAL

Preconfigured and ready-to-install. The LP Linear Portal is an intelligent functional unit combining mechanical, electronic, and software modules.



CUSTOMER-SPECIFIC SYSTEMS

"Ready to work": We offer you a single source for complete kinematic sub-systems for your installation.

5 360° SERVICE



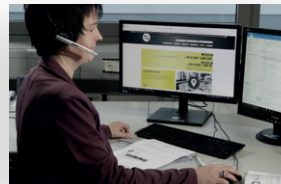
COMMISSIONING

From initial application steps to the complete integration of WEISS components into your system.



TRAININGS

Tips, tricks and expert answers to your questions, completely coordinated to your specific needs.



HOTLINE

What matters most is that your downtimes are reduced to a minimum when service is needed.



CUSTOMIZED SERVICE AND MAINTENANCE CONTRACTS

Annual maintenance and inspection work ensure maximum availability.



IN-HOUSE REPAIRS

Help ensure maximum uptime with in-house repairs by WEISS.



SPARE PARTS AND ACCESSORIES

Long-term spare parts availability.

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SOFTWARE & DRIVE TECHNOLOGY

FIXED-STATION ROTARY INDEXING CONTROL PACKAGES



TS CONTROL BOARD

Simple and proven. Facilitates optimal cycle times and significantly increases the service life of the brake.



EF2 ROTARY TABLE CONTROL SYSTEM

Ultimate convenience during start-up and operation of the TC and TR series of fixed-station rotary tables. Reduced maintenance and minimized brake wear.



EF3 ROTARY TABLE CONTROL SYSTEM

The 3rd generation of WEISS rotary table control systems. Increased performance by cycle time optimization. Reduced maintenance and minimized brake wear.

FREELY PROGRAMMABLE MULTI-AXIS-SYSTEM CONTROL PACKAGES



DRIVE CONTROLLER



DRIVE CONTROLLER / PLC



W.A.S.2 COMPACT

Drive controller with integrated motion controller and W.A.S.2 COMPACT software. Custom-fit, pre-assembled motor and encoder cables. Coded, marked and in appropriate length.

W.A.S.2 SCALABLE

Broad range of functions (e.g. power regeneration with Acopos multi). Control of third-party motors possible. Custom-fit, pre-assembled motor and encoder cables. Coded, marked and in appropriate length.

W.A.S. APPLICATION SOFTWARE



W.A.S. – WEISS APPLICATION SOFTWARE

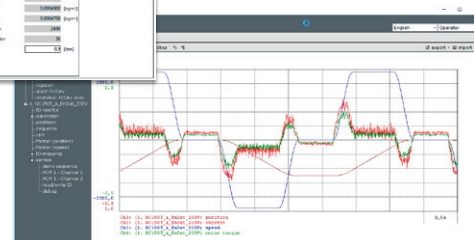
The whole world of WEISS components in a single software! Windows or web-based.

- Simple programming
- For the fastest processes
- Optimal motion profile
- Control up to the very last bit



SMART SERVICES TODAY

- Auto-tuning
- Condition monitoring
- Diagnostic reports





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WEISS AR APPS



ANDROID



iOS

WINDOWS PC: www.weiss-gmbh.de/AR

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