

## RTS ROTARY TRANSFER SYSTEM

High-output performance at up to 120 cycles/min.  
in the smallest areas



With speeds of up to 120 cycles per minute and very high technical availability, our modular systems are a byword for reliably high output.

### Product examples mounted on RTS

- Sensors
- Plugs
- Switches
- Filters
- Valves

### RTS – The new generation

The RTS rotary transfer system has been technically re-designed and given a whole new look. Its new, extremely rigid curved sheet metal design not only ensures exceptional stability but features another benefit: the production system is now easier to clean and maintain, because the individual stations are much more accessible.

### Your benefits

- compact construction
- excellent accessibility
- unique rotary construction
- high output
- high positioning accuracy
- high energy efficiency
- high maintainability
- short delivery times

## Technical RTS data

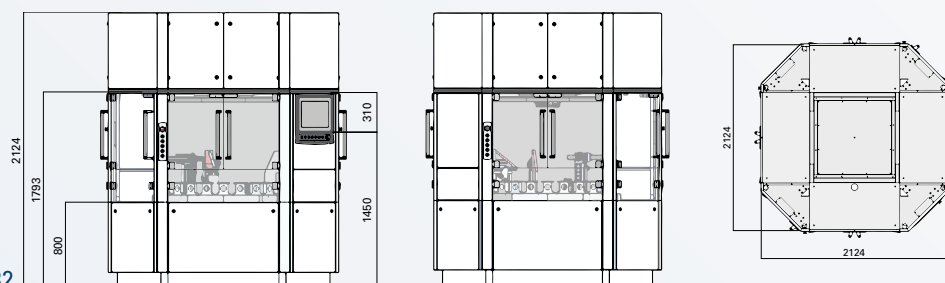
Cycle time	Up to 120 cycles per minute
Station numbers	8, 16, 20, 24, 32
Accuracy	+/- 0.05 mm positioning accuracy +/- 0.03 mm axial run-out accuracy
Table top	Coated or electroless nickeled steel, natural aluminum
Protective cover	Powder-coated RAL 9016 fine texture
Drive	Bosch Rexroth
Control panel	Siemens, Allen Bradley (USA)
Workpiece carrier rotary drive	Step gear indexing drive 90° (standard), additional options possible
Station distance	160 mm arc length
Lower workpiece edge	1000 mm - 1050 mm
Guard panels	Makrolon swiveling doors or lift doors
Control panel	Integrated into the guard panel

Type	Stations: Drive ~, Main ~, Auxiliary ~,	Total width (mm)	Width machine table (mm)	Width Enclo- sure (mm)	Ø carrier ring (mm)	Height carrier ring (mm)	Height machine table (mm)	Min. height Enclo- sure (mm)	Weight (kg)
RTS 8	8: 1, 3, 4	2040	1512	656	604	865	800	150	1800
RTS 16	16: 1, 7, 8	2328	1716	860	808	865	800	150	2200
RTS 20	20: 1, 9, 10	2110	1920	1064	1012	865	800	150	2600
RTS 24	24: 1, 11, 12	2368	2124	1265	1216	865	800	150	3000
RTS 32	32: 1, 15, 16	2945	2532	1676	1622	865	800	150	3800

Example: RTS 8



Example: RTS 32



### Mass production – it doesn't get faster or more cost-effective than this

Built compact and driven by mechanical cams – like all cam-driven systems from teamtechnik, the RTS will reliably deliver energy-efficient automation without major maintenance requirements for decades.

### Completely to Customer Specification

our modular system lets you create an efficient solution every time – customized individually to your specific project requirements. A range of different platforms are available, depending on the specific assembly task (8-32 stations).

### Precision in a matter of seconds

From semi-automated manual workstations to mass production. – our assembly lines grow alongside our customers.

The RTS rotary transfer system can be fitted with different drives to suit a variety of assembly tasks:

- Electro-pneumatic
- Mechanically cam-driven
- Flexible servomotor technology

The benefit: mechanical and turbo drives have a much longer life than pneumatic drives.

### RTS rotary transfer modular system

The unique circular construction of the rotatable basic module allows the workpiece to be reached from the inside and the outside.

#### The benefits:

- Maximum accessibility
- Operation and maintenance in the smallest areas
- Clear arrangement for feeding workpieces
- Clear arrangement for the layout of the separation and orientation units.

## teamtechnik Group



### Headquarters

teamtechnik Maschinen und Anlagen GmbH  
Planckstrasse 40, 71691 Freiberg, Germany  
Phone +49 7141 7003-0, Fax +49 7141 7003-70  
info@teamtechnik.com, www.teamtechnik.com

### ► teamtechnik Automation GmbH

Heinrich-Hertz-Strasse 1, 71642 Ludwigsburg, Germany  
Phone +49 7144 8476-0, Fax +49 7144 8476-10  
info.ttAM@teamtechnik.com, www.teamtechnik.com



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With its own e-fleet, photovoltaic system, storage battery and charging station, sustainable e-mobility is in daily use at teamtechnik since 2013 and is part of the business model. Today, teamtechnik is leading in test benches for e-drive systems used in e-vehicles. Additionally, teamtechnik supplies assembly and test systems for batteries as well as PV stringers.