

INTELLIGENT PRODUCTION TECHNOLOGY

TEAMED RTS ROTARY TRANSFER SYSTEM

HIGH-OUTPUT PERFORMANCE AT UP TO 120 CYCLES/MIN. FOR MEDICAL TECHNOLOGY AND PHARMACEUTICALS



- + compact construction
- + excellent accessibility
- + unique rotary construction
- + high output
- + high positioning accuracy
- + high energy efficiency
- + high maintainability
- + GMP-compliant
- + Clean room class up to ISO 7
- + short delivery times

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 TEAMED RTS

- _ Spraying systems
- _ Dispensing pumps
- _ Dispenser systems
- _ Infusion systems

TEAMED RTS – the new generation

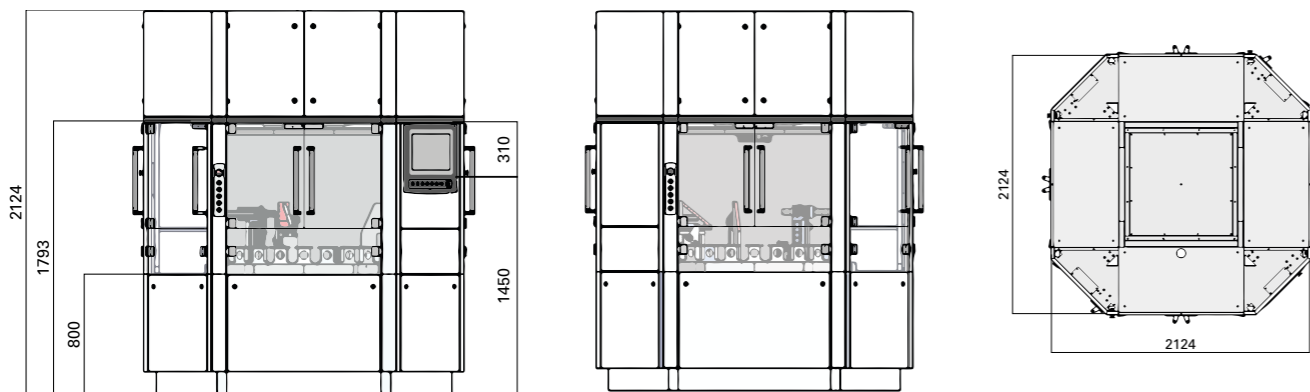
The TEAMED RTS rotary transfer system has been technically redesigned and given a whole new look. Its new, extremely rigid curved metal sheet design not only ensures exceptional stability but has another benefit: the production system is now easier to clean and maintain, because the individual stations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

TECHNICAL DATA FOR TEAMED RTS

Cycle time	Up to 120 cycles per minute
Station numbers	12, 16, 20, 24, 32
Accuracy	+/- 0.05 mm positioning accuracy +/- 0.03 mm axial run-out accuracy
Table top	Electroless nickered steel, hard-anodized stainless steel or aluminum
Protective cover	Stainless steel or powder coating 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 or ESG swiveling doors
Control panel	Integrated into the guard panel

Type	Stations: Drive ~, Main ~, Auxiliary ~,	Total width (mm)	Width machine table (mm)	Width Enclosure (mm)	Ø carrier ring (mm)	Height carrier ring (mm)	Height machine table (mm)	Min. height Enclosure (mm)	Weight (kg)
TEAMED RTS 12	12: 1, 5, 6	2041	1516	656	604	865	800	150	1800
TEAMED RTS 16	16: 1, 7, 8	2328	1716	860	808	865	800	150	2200
TEAMED RTS 20	20: 1, 9, 10	2110	1920	1064	1012	865	800	150	2600
TEAMED RTS 24	24: 1, 11, 12	2368	2124	1265	1216	865	800	150	3000
TEAMED RTS 32	32: 1, 15, 16	2945	2532	1676	1622	865	800	150	3800

Example: TEAMED RTS 24



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 TEAMED 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 (12-32 stations).

Precision in a matter of seconds

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

TEAMED RTS modular rotary transfer 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



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