



RV10 COMPACTMASTER
LESS SPACE.

MORE OUTPUT.



RV10 COMPACTMASTER – ROTARY TRANSFER REIMAGINED

WINEMA has reimagined rotary transfer machining: the RV10 Compactmaster is the compact rotary transfer machine for cost-effective series production of a broad range of typical high-volume turned parts. It delivers exactly what matters in production: high productivity with a small footprint – providing an economical entry into rotary transfer technology. In short: less is more.



Workpiece range:
High-volume turned parts
up to Ø 15 mm



Accuracy:
Repeatability up to 6 µm



Machining:
Patented pre-turning station, complete machining from three sides without reclamping



OPC UA interface:
Intuitive operating concept
with multitouch panel



Setup concept:
very open, easily accessible
machining area, HSK 32 tool
interface, replaceable clamping
inserts, process data loaded
within seconds



Delivery:
Shortest lead times
through standardization

Intuitive controls for reliable processes

The new Smart HMI keeps all relevant process parameters in view at all times. The modern multitouch interface provides direct access to programs as well as tool and station data. OPC UA makes all process data digitally available for monitoring.

Faster setup, more output

Exceptional access to the machining area makes setup simple and ergonomic. Repeat setups are guaranteed to take just 30 to 60 minutes. Precision clamping inserts ensure repeatability in the micrometre range – with no readjustment required.

Extremely flexible and efficient

Even short workpieces with complex external contours are clamped securely and precisely. External contours can be machined directly from the bar at the pre-turning station, immediately before the workpiece is transferred to the self-centering two-jaw chuck on the indexing table. No additional reclamping or repositioning is required. Complete machining from three sides, with five axial machining stations on each side and two radial stations, ensures maximum flexibility and highest productivity.

Workpiece after workpiece, maximum precision

Repeatability of up to 6 µm in fine-machining operations and station-to-station positional accuracy of up to 15 µm support consistently high part quality – even with tight tolerances.

Productivity without downtime

Integrated cutting-oil filtration, constant temperature control, internal coolant supply and intelligent tool monitoring ensure maximum process reliability. If a clamping insert nevertheless needs to be changed, the affected clamping station can be deactivated while the remaining stations continue production.



TECHNICAL DATA

Max. material diameter	Ø 15 mm
Single part	16 mm
Max. workpiece length	80 mm
Clamping stations	6
Part performance per minute	60
Machining units	max. 13 (11 axial, 2 radial)
Machining unit stroke (standard)	80 mm
Clamping system	Hydraulic two-jaw chuck
Control system	CNC Bosch MTX
Quill feed	CNC
Weight (depending on equipment)	7,500 kg
Dimensions (machine only)	3.7 × 1.2 × 3.0 m

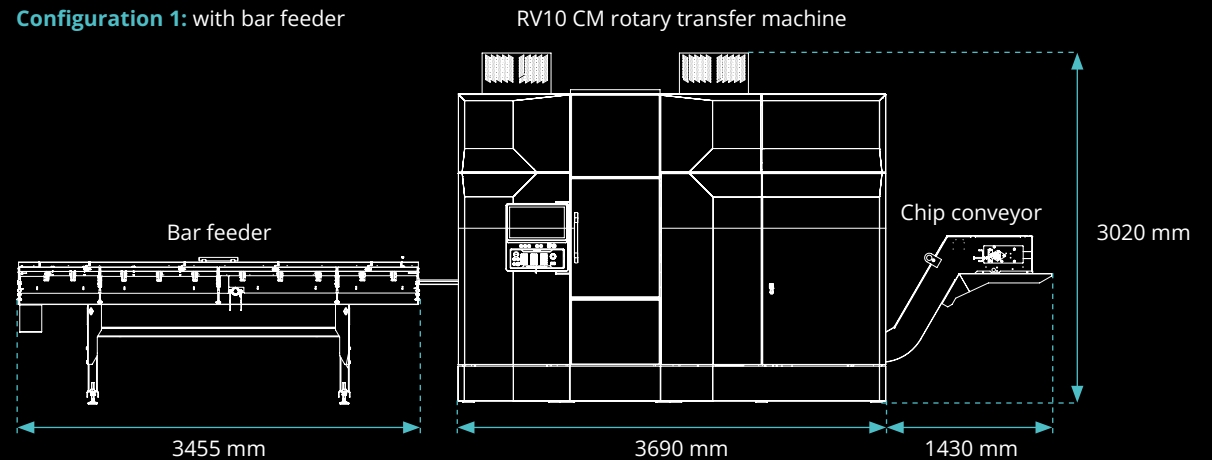


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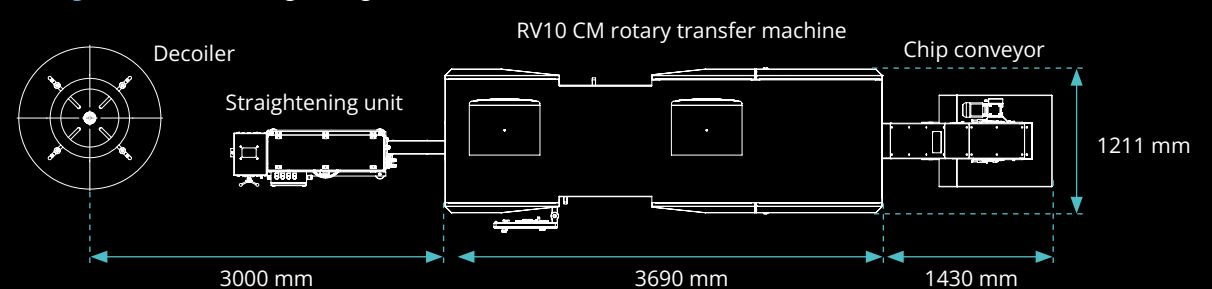
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MATERIAL FEEDING OPTIONS

Configuration 1: with bar feeder



Configuration 2: with straightening unit & decoiler



Layout for individual part feeding available on request

