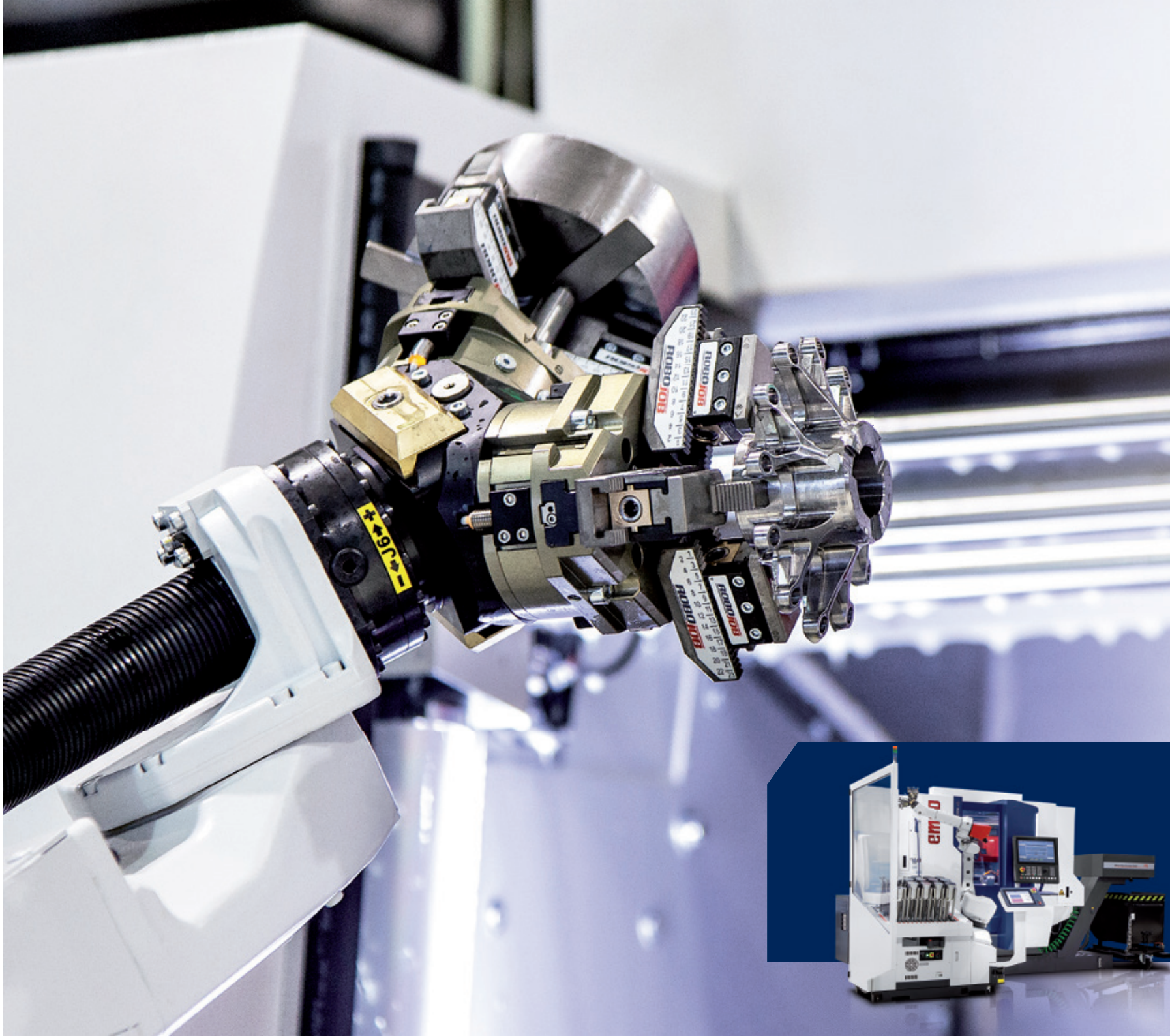


EMCO



TURN-/MILL-ASSIST TA 200

Turn-/Mill-Assist by EMCO

Compact standard automation for small and medium-sized batches for turning and milling machines.

More compact and more user-friendly than comparable solutions – characteristics that best describe the Turn/Mill-Assist for loading and unloading EMCO turning or milling machines. Depending on your range of parts and batch sizes, you can choose from among several models.



Compact, flexible all-in-one solution: Hyperturn 45 G3 with Turn-Assist

/ Koren Peter
Team Leader Automation

„The Turn-/Mill-Assist by EMCO is an automation concept tailored to the machining industry's requirements. I think that very short setup times and user-friendliness are decisive factors when it comes to profitable production.“



1 OPTIMISED PROCESSES

With Turn-/Mill-Assist by EMCO, you will increase your profits and reduce the working hours by up to 70%.

- / Compact and space-saving solution
- / Graphically supported operation
- / Free access to the machine door
- / For small and medium-sized series
- / Very short configuration and setup times
- / No special knowledge about robots required
- / On-site installation and training



2 INTUITIVE, GRAPHICALLY SUPPORTED OPERATION COMBINED WITH CLEVER MECHANICS

Thanks to the very beginner-friendly control unit, the operator can quickly move into the implementation phase, thus increasing the processes' efficiency, profitability and flexibility to a significant extent.



3 SERVO-CONTROLLED STACKING TABLES

This model is equipped with two servo-controlled stacking tables which are capable of stacking larger quantities of both blanks and machined parts. This too is a contribution to longer unmanned production times during which your skilled workers can be entrusted with other activities.

OPTIONS AND MODULAR EXPANSIONS

- / Regripping station
- / Expansion for shaft machining
- / Placing of the finished parts onto pallets
- / Cooperation with a bar loader
- / Software for pre- and post-machining processes
- / Compatibility with other machine tools



TECHNICAL DATA

Description	TURN-ASSIST TA200	TURN-ASSIST TA270
Length	1632 mm	1902 mm
Width	740 mm	740 mm
Height	2202 mm	2202 mm
Weight	850 kg	1025 kg
Robot model	Fanuc	Fanuc
Robot payload	12 / 25 kg	25 / 35 kg
Workpiece diameter	25 - 200mm	25 - 270mm
Maximum stack height	2 x 350 mm	2 x 350 mm
Maximum stack weight	2 x 300 kg	2 x 450 kg
Machine tool interface	Profinet	Profinet

FLOOR PLAN

