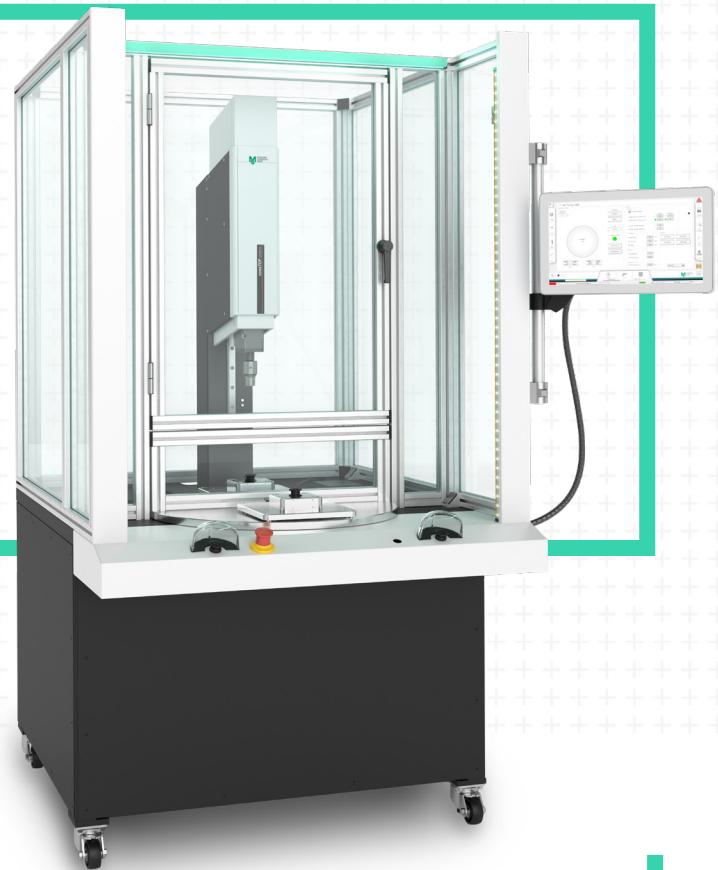


EXPANSION MS sonxTOP

Everything under one roof – servo presses with the expansion MS sonxTOP rotary indexing table



The high-precision, servo-electric driven servo press MS sonxTOP has been expanded with a rotary indexing table. This enables you to have reduced process times and thereby higher efficiency.

You will receive “everything from under one roof” and the full integration of the tried-and-true MS sonxTOP control. The expansion of functions in the MS Sequence, with the activation of the servo-axes of the rotary indexing table, enables an increased output and precise positioning of the workpiece at high turning speeds at the same time.

The high efficiency is produced by the simultaneous loading and unloading of a component on the two, three or four fixtures. While one component is being worked on, the user can load the next component – the time will be efficiently used and work is done ergonomically.

BENEFITS

- + Compatible with the tried-and-true ultrasonic standing machines MS sonxTOP NEXUS / FUSION / GENESIS (20 kHz, 30 kHz, 35 kHz)
- + The expanded, intuitive control technology with the function MS Sequence enables you to create a machine operating sequence in a short time through the HMI of the MS sonxTOP and without programming knowledge
- + Through standardization, we guarantee you significantly shorter delivery times up to 50% (12–16 weeks)
- + Cost-attractive alternative to our proven custom machines
- + Increased longevity due to end-to-end standardization
- + The dynamically controlled rotary indexing table with 2, 3 or 4 partitions offers flexible workspace to work on your product with a high output
- + With the 3 or 4 partition varieties, processes like inspecting, discarding and labelling can be integrated into the process
- + Unbeatable energy efficiency and high positioning precision through integrated servo-drive technology and dynamic movement of the rotary indexing table
- + You invest in intelligent and seamless connectivity for your industry 4.0 production



EXAMPLES

Classic injection molding with the requirement of high annual output. Examples:

- + Piston nozzle
- + Fuel filters
- + Shower heads
- + Cartridges
- + Key holder
- + Reflector

VARIANTS ROUND INDEXING TABLE



TECHNICAL DATA

Machine weight	approx. 800 kg
Measurements (WxDxH)	1,180 x 1,350 x 2,500 mm
Diameter rotary indexing table	approx. 700 mm (custom machine model can be larger)
Partition rotary indexing table	2, 3 or 4
Compatible with	MS sonxTOP NEXUS / FUSION / GENESIS in 20 kHz, 30 kHz, 35 kHz (standing machines)
Rotating speed	max. 180°/s
Predefined cycle operation	90°, 120°, 180° (360° not feasible)
Adjustable cycle operation	up to 20 positions possible (mechanical retrofit necessary)
Languages	14 languages
Interfaces	USB, network, fieldbus, 30 digital inputs and outputs
Applications	up to 1,000 pieces
MS Sequence	easy step-by-step programming to define program sequences according to your own wishes

OPTIONS

MS sonxWARE Remote	remote maintenance and parameterization completely via HMI MS sonxTOP
MS sonxWARE Gateway	Profinet, EtherCAT, EthernetIP, OPC UA, Profibus (V1.0), more on request
MS sonxWARE Network	network access to the machine
MS sonxWARE Import Export Manager	Data exchange via USB
MS sonxWARE Scan	defined scanners of the MS sonxTOP (handheld scanner or integrated scanner)
MS sonxWARE RFID	sonotrode detection and user identification
MS sonxWARE USB Administration	machine access via USB / parameterizable operator level and page authorization

