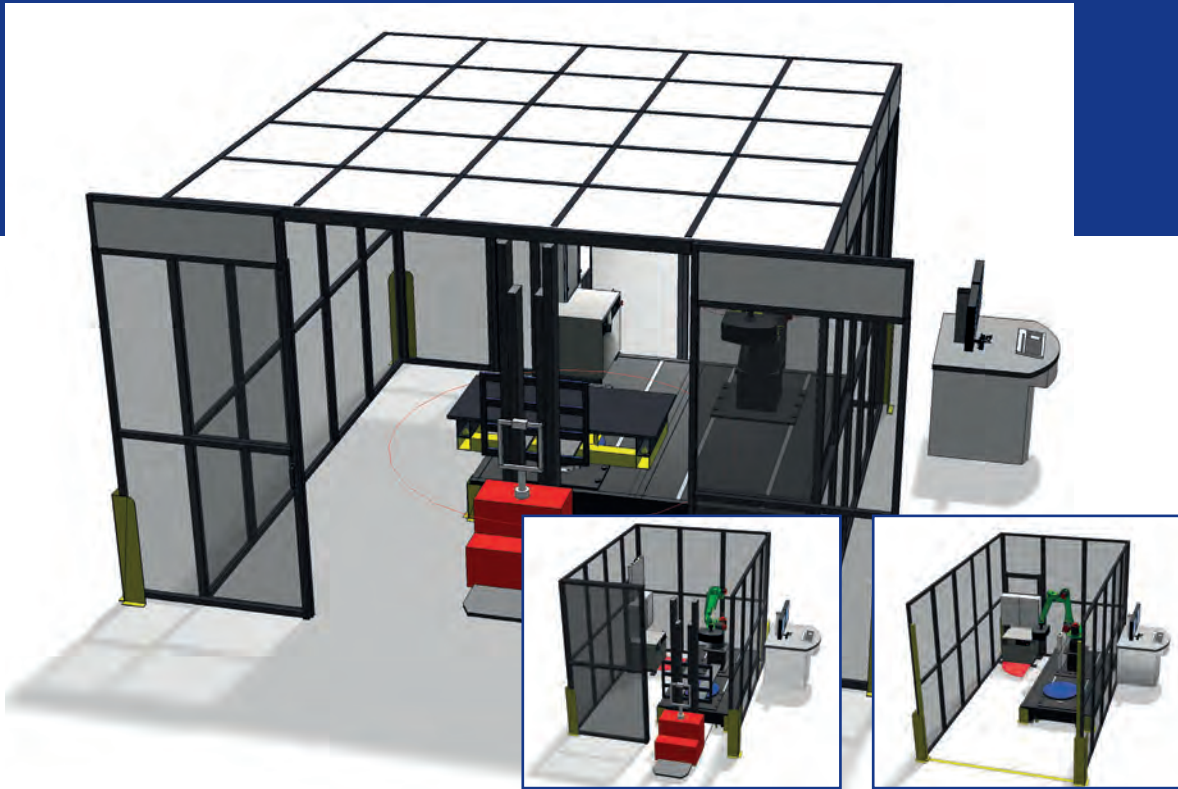


# STEINBICHLER AUTOMATION

MODULAR ROBOT MEASURING CELLS  
3D DIGITIZING



Automated measuring technology made easy:  
benefit from modular all-in-one solutions with  
customised configuration options!

## THE NEW MODULAR SOLUTIONS FOR AUTOMATED 3D DIGITIZING

Our new all-in-one measuring cells offer you all the benefits of modular automation solutions and innovative sensor technology for your recurrent measuring tasks.

The measuring cells and peripherals are based on modular platforms with all versions simply scalable and upgradable. Simple retrofitting to meet changing requirements (e.g. component size, environmental conditions) is therefore possible at all times.

## QUICKLY READY FOR USE IN INDUSTRY

Automated measurement in the broadest of industrial environments – the RobotScanFlex measuring cells in three different configurations with optional upgrades are powerful complete solutions that are ready for use in the shortest of times.

## DESIGN VERSIONS AND ADDITIONAL ACCESSORIES FOR A BROAD RANGE OF USES

Depending on your requirements, select the optimum measuring cell design for your application – from the single-sided, open configuration with light grid through to the fully-enclosed solution, if necessary as a fully air-conditioned version. The optional, active and pneumatic vibration damping offers outstanding performance in all areas of manufacturing.

The fully-automated, integrated sensor calibration ensures that you always receive precise measuring data for quality assurance processes of the highest standard.

## INNOVATIVE SOLUTIONS FOR PERFECT COMPONENT HANDLING

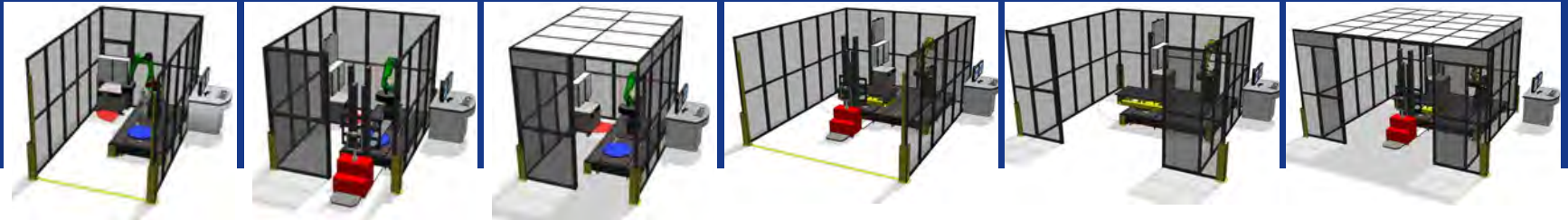
The all-in-one measuring cells offer you optimum loading and unloading opportunities, including by forklift or pallet truck. The specially designed component carrier enables the measuring objects to be positioned simply, securely and quickly.

## AUTOMATION AND SENSOR TECHNOLOGY FROM A SINGLE SOURCE

With our years of expertise in optical sensor technology and automation, we offer you complete systems from a single source with optimally coordinated components.



## RobotScanFlex Measuring cell types



### STANDARD CONFIGURATION OPTIONS

Standard	RSF1-10-05	RSF2-10-05	RSF3-10-05	RSF1-25-20	RSF2-25-20	RSF3-25-20
With vibration damping (S)	RSF1-10-05-S	RSF2-10-05-S	RSF3-10-05-S	RSF1-25-20S	RSF2-25-20S	RSF3-25-20S
With air conditioning (K)			RSF3-10-05-SK			RSF3-25-20SK
OPTIONAL ROTARY TABLE FOR THE DIFFERENT CELL TYPES (NOT STANDARD)						
Standard with rotary table 500 kg load capacity				RSF1-25-05	RSF2-25-05	RSF3-25-05
Standard with rotary table 1000 kg load capacity	RSF1-10-10	RSF2-10-10	RSF3-10-10	RSF1-25-10	RSF2-25-10	RSF3-25-10
Standard with rotary table 2000 kg load capacity	RSF1-10-20	RSF2-10-20	RSF3-10-20			
Total size RobotScanFlex platform	1200 x 2400 mm	1200 x 2400 mm	1200 x 2400 mm	2400 x 2400 mm	2400 x 2400 mm	2400 x 2400 mm
Number of RobotScanFlex modules	1	1	1	2	2	2
Platform weight - without damping (RSF module incl. robot and rotary table)	750 kg	750 kg	750 kg	1000 kg	1000 kg	1000 kg
Platform weight - with damping (RSF module incl. robot and rotary table)	1000 kg	1000 kg	1000 kg	1500 kg	1500 kg	1500 kg
Max. component size	1000 mm	1000 mm	1000 mm	2500 mm	2500 mm	2500 mm
Cell access	Light barrier	Sliding door with safety locking device	Sliding door with safety locking device	Light barrier	Sliding doors with safety locking device	Sliding doors with safety locking device
Access width	2200 mm	1200 mm	1200 mm	4000 mm	2400 mm	2400 mm
Exterior dimensions (protective fence) L x W x H incl. base attachment and safety barriers	4000 x 2400 x 2500 mm	3200 x 2400 x 2500 mm	3200 x 2400 x 3000 mm	5000 x 4000 x 2500 mm	4000 x 4000 x 2500 mm Doors open 5000 x 4000 x 2500 mm	4000 x 4000 x 3000 mm Doors open 5000 x 4000 x 3000 mm
System control panel	Teach (on/off), system-ready, acknowledgement, start, emergency stop	Teach (on/off), system-ready, acknowledgement, start, emergency stop	Teach (on/off), system-ready, acknowledgement, start, emergency stop	Teach (on/off), system-ready, acknowledgement, start, emergency stop	Teach (on/off), system-ready, acknowledgement, start, emergency stop	Teach (on/off), system-ready, acknowledgement, start, emergency stop
Robot axes	7	7	7	7	7	7
Power supply	16 A - 400 V (3 phases)	16 A - 400 V (3 phases)	16 A - 400 V (3 phases)	16 A - 400 V (3 phases)	16 A - 400 V (3 phases)	16 A - 400 V (3 phases)
Available rotary table 500/1000/2000 kg (heavy loads on request)	Standard 500 kg	Standard 500 kg	Standard 500 kg	Standard 2000 kg	Standard 2000 kg	Standard 2000 kg
Loading options	Manual or by pallet truck	Manual or by pallet truck	Manual or by pallet truck	Manual, by pallet truck or by forklift	Manual, by pallet truck or by forklift	Manual, by pallet truck or by forklift
Active vibration damping	Optional	Optional	Optional	Optional	Optional	Optional
Air conditioning (vaporiser air conditioning system)	-	-	Optional	-	-	Optional
Load concept – EasyLoad	Optional	Optional	Optional	Optional	Optional	Optional