



PRESTO Quality Stations

Speed, quality, accuracy.
The launchpad for all possible futures.

Redefining the mission of quality excellence

PRESTO Quality Stations stands as a cutting-edge, modular, automated inspection solution.

It seamlessly integrates, adapts and evolves to meet your diverse and agile modern manufacturing demands.





Embracing innovation has never been easier

Find your perfect balance

Leveraging our industry expertise, our engineers expertly craft the perfect custom; cost-effective solution designed for your success.

- Discover the industry's first turn-key solution with Hexagon's leading measurement inspection scanning technologies.
- Benefit from robust, safe, and easily maintained kinematics, whether using a robot-driven axis or a rotary table.
- Enjoy reliable, repeatable operations with intuitive robotics software within your preferred metrology workflow.



Built on industry leading measurement inspection scanning technology



Leica Absolute Tracker AT960 with Absolute Scanner AS1

Absolutely automated scanning performance

1.2 million points/second scanning combined with 1000 Hz 6DoF tracking makes the AT960 and AS1 a market-leading solution for high-productivity data-rich automated inspection. Thanks to SHINE technology and Absolute Encoders, clean data collected with speed and precision is the new standard robotic inspection cells are measured against.



Just load, and start scanning

Built-in synergy streamlines your workflow. Every PRESTO Quality Station unlocks a seamless experience that eliminates the need to purchase, maintain, or implement cumbersome tasks related to:

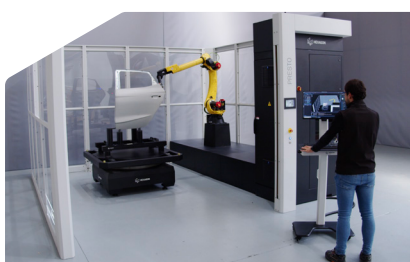
- 3D scanning sprays
- Reference marker rolls
- 3D scanning frames



Leica Absolute Tracker ATS800

High accuracy meets simplicity

The ATS800 delivers unparalleled measurement accuracy from a distance, enabling faster and safer inspection of fine edges and critical features. The combination of direct scanning with reflector measurement simplifies programming, alignment and execution, while reducing collision risks by allowing high-accuracy feature measurement without close proximity to the part.



Inspection goes on, and on, and on

The range of Hexagon's scanner and trackers empowers PRESTO Quality Stations to operate anywhere in your facility with flawless precision.

Say goodbye to disruptions caused by fluctuating light or movement within the sensor's field of view. Focus on capturing your data, not on adjusting settings.



HYPERSCAN Series

Simplified scanning for maximum productivity

This smart optical tracking 3D scanner series offers high-resolution scanning and real-time dynamic tracking efficiency, that make it ideal for automation systems on the shop floor. Its multi-scanning mode ensures enhanced scanning workflows, powered by an 81-blue-laser-line scanning array and unique hole flash capture and edge detection functionalities.



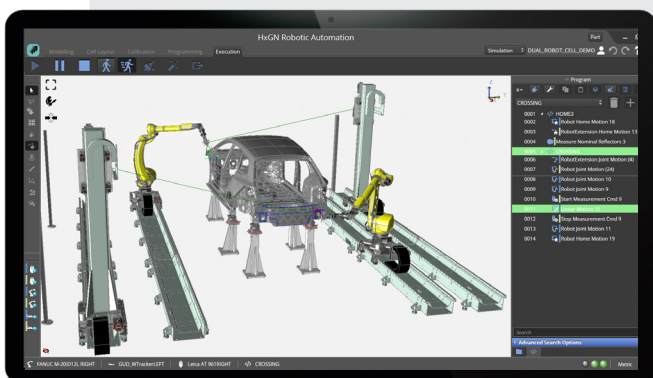
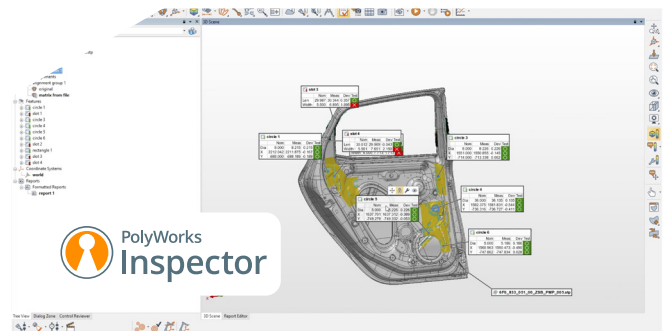
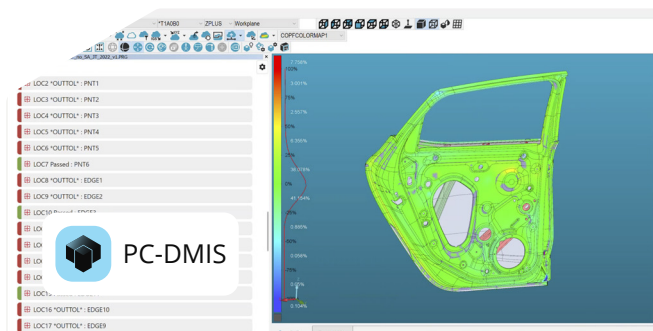
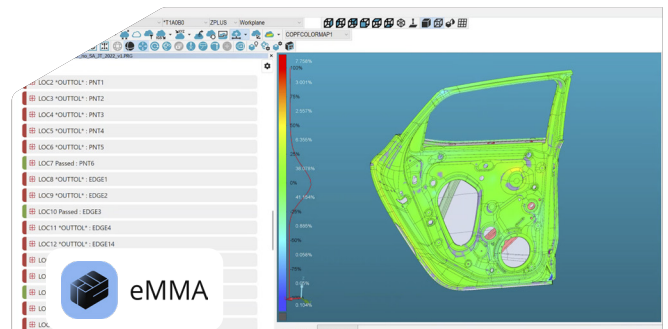
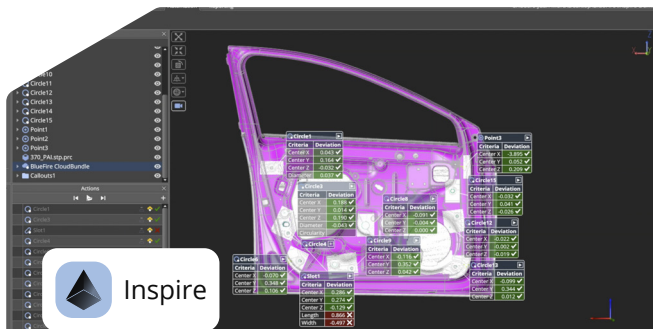
The convenience of cross-platform adaptability

While sensors are typically not removed from the PRESTO for manual use, their compatibility across both portable and automated systems enhances maintenance efficiency. This flexibility allows for sensor swaps during calibration, minimizing downtime and keeping systems operational.

Inspiring a human-centric approach

Empower your team with Hexagon's inclusive technology for continuous value.

Embrace PRESTO Quality Stations and eliminate the need for additional expenditure on software re-training. PRESTO seamlessly integrates with leading metrology software packages like PC-DMIS, Inspire, eMMA and PolyWorks right from the start.



The cell is delivered with HxGN Robotic Automation pre-installed, the operator only needs to load the CAD / PMI file of the part to be inspected.

- Automatic robot path generation makes programming easier than ever
- Real-time collision detection and avoidance tools to ensure safe robot path generation
- While the engineer is programming the path (manual or auto) at their desk, the cell at the shop-floor can continue to work on inspecting other parts – both operating independently and simultaneously

Everything and everyone, in sight

Unlike other systems, PRESTO Quality Stations excel in daylight without requiring light shielding, allowing transparent enclosures for clear operator visibility. This enhances safety and team cohesion by providing real-time insights for immediate corrective action in case of interruptions during inspection.



Cell status	Connected (Manual Mode)	Time	Log Level	Log Item Type	Command Name	Additional Info	Action Type
FANUC M-2000iD	Connected	Automatic	20/10/2023, 13:31:23	Start	Home Group (1)		Group Executable Command
Fusion Rotary Table 15x15 (ST)	Connected	Automatic	20/10/2023, 13:31:23	Start	TurnTable Home Motion (1)		Motion Executable Command
Robot Extension	Connected	Automatic	20/10/2023, 13:31:23	End	Measure Nominal Reflections (1)		Measure Nominal Reflections Ex
DESKTOP-P30276	Connected		20/10/2023, 13:31:23	End	Measure Nominal Reflections (1)		Group Executable Command
			20/10/2023, 13:31:26	End	TurnTable Joint Motion		Motion Executable Command

Every work day is a safe day

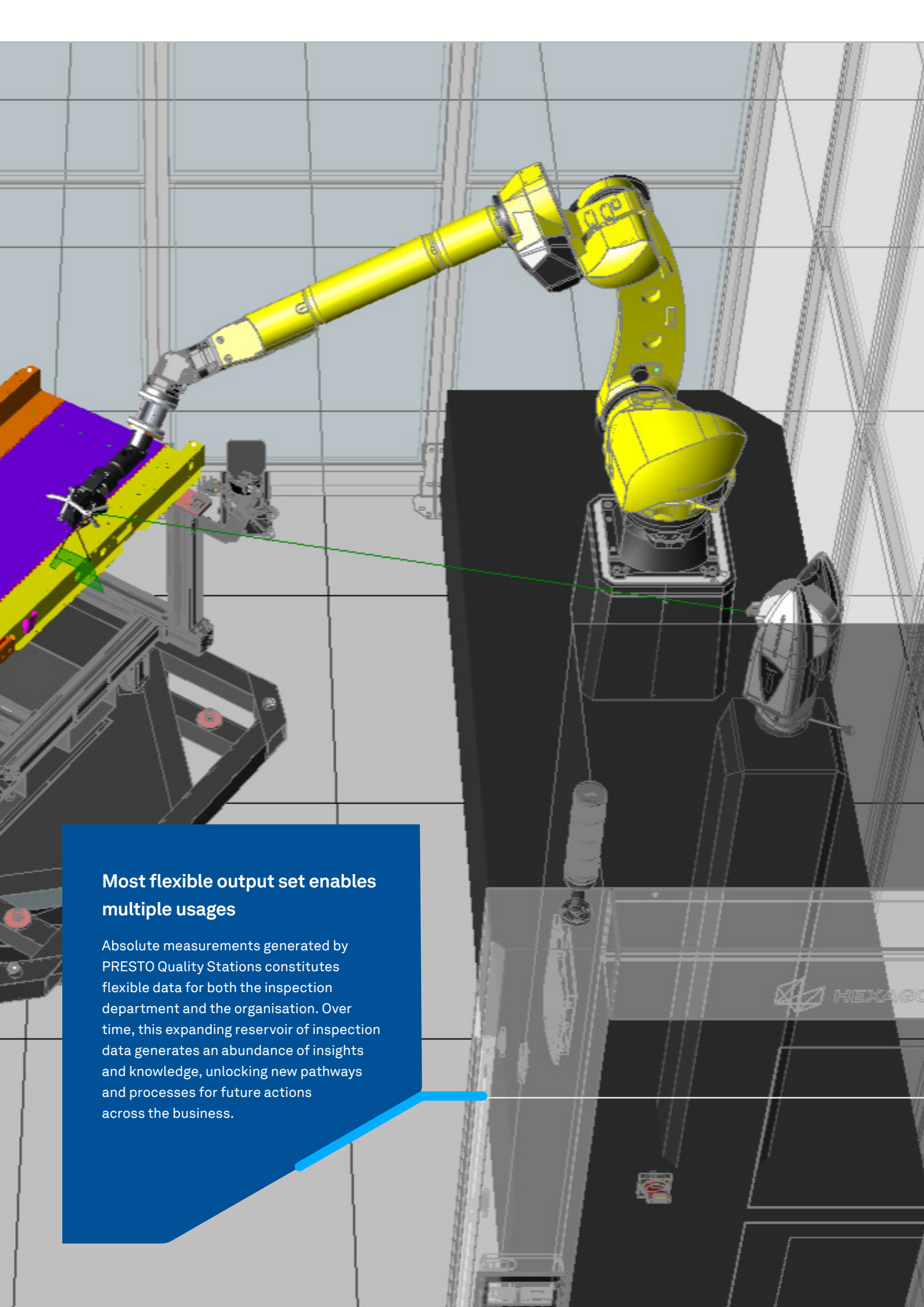
PRESTO Quality Stations go beyond mere functionality, prioritising the safety and well-being of your workforce.

- The class I and class II laser scanning devices ensure eye safety.
- Our mobile workstation can be positioned for optimal ergonomic comfort.
- With safety features like emergency stop push buttons, operation beacons, and anti-intrusion systems strategically placed, we create an environment where your workers can focus on delivering the highest quality without compromise.

End-to-end workflow with no task overlooked

HxGN Robotic Automation Execution Manager is an operator-friendly app designed for streamlining measurement programs within your PRESTO Quality Station.

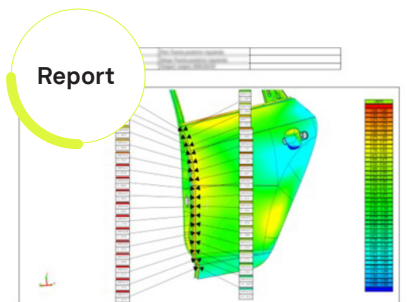
No complex interfaces, just intuitive controls that empower your team to boost their confidence in delivering their work to schedule every day.



Most flexible output set enables multiple usages

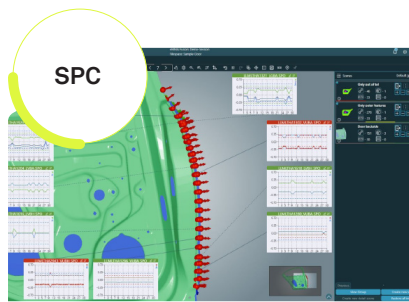
Absolute measurements generated by PRESTO Quality Stations constitutes flexible data for both the inspection department and the organisation. Over time, this expanding reservoir of inspection data generates an abundance of insights and knowledge, unlocking new pathways and processes for future actions across the business.

HEXAGON

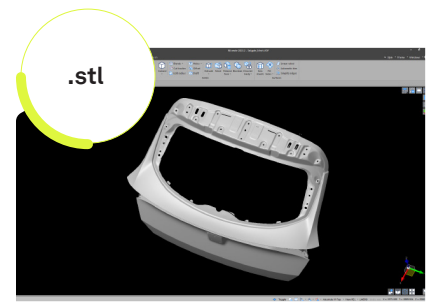


Simple, compatible single-part measurement reports available in multiple open formats :

- PDF
- ASCII
- DFQ
- Other



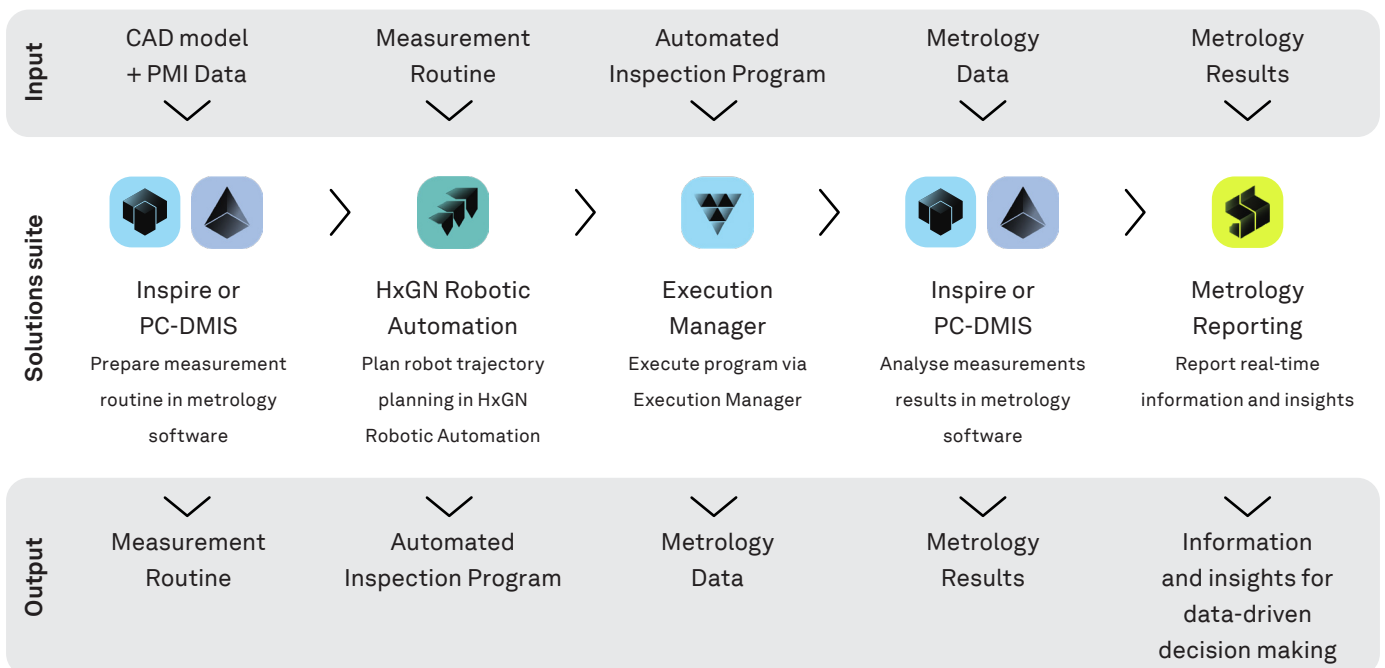
- Multi-part analysis
- Process control



- Simulations
- Virtual assembly
- Reverse engineering

Data to shift left

PRESTO Quality Stations invaluable data assets can unlock untapped potential within your organisation. Explore Hexagon's wide range of software solutions, opening doors to faster decisions and earlier corrective actions.



Enhance, don't replace

Redefine your investment strategy with the revolutionary PRESTO Quality Stations.

Choose the PRESTO that's right for you

Aerospace

Reference part	PRESTO M	PRESTO L	PRESTO XL
Turbine blades	●		
Landing gear small components	●		
Wing airfoil	●	●	●
Wing ribs		●	●
Landing gear doors		●	●
Fuselage panels		●	●
Plane engine			●

Get in touch with a regional manager to discuss your current investment needs. Thanks to the various options provided by the modular capability of the PRESTO Quality Stations, we guarantee to find a solution that optimally matches your specifications and investment capacity.

Automotive

Reference part	PRESTO M	PRESTO L	PRESTO XL
Stamped Parts	●	●	●
Hang On Parts / Closures	●	●	●
Battery Tray	●	●	●
Side Panel		●	●
Underbody			●
Body In White			●

Adjust your PRESTO to your needs

MODEL	CERTIFICATION	CERTIFICATION	ROTARY TABLE
PRESTO M	UL or CE	Left or Right	Included
PRESTO L	UL or CE	Left or Right	Optional
PRESTO XL	UL or CE	N/A	N/A

PRESTO M

For parts up to 3000mm in size



Enjoy your PRESTO on your terms

Start your PRESTO journey with the peace of mind that the right person to talk to is only ever an email or phone call away, ensuring your asset is perfectly designed, installed and commissioned to your needs. With your Regional Automation Sales Engineers as your main touchpoint during the entire service life of PRESTO, you have a full team of specialists supporting your PRESTO journey at all times – in your chosen language.

Services	Hexagon Automation Sales Engineers	Hexagon Automation Project Manager	Hexagon Automation Application Engineer
Optional: Fixturing Services	Main Touchpoint	Support	-
Optional: Programming Services	Main Touchpoint	Support	Support
When needed: FAT	Support	Main Touchpoint	-
On-site cell installation	Support	Main Touchpoint	-
On-site commissioning, until SAT	Support	Main Touchpoint	Support
On-site training	Main Touchpoint	-	Support
Hotline services	Support	-	Main Touchpoint

Enhance your PRESTO towards future applications

FROM - TO ▶ ▼	PRESTO L	PRESTO L with RT	PRESTO XL
PRESTO M		● ●	● ● ●
PRESTO L		●	● ● ●

- Add Kinetics / Rotary Table
- Footprint extension + extra fencing modules
- Extra laser sensor kit + workstation

The modularity of PRESTO Quality Stations allows you to consider upgrading to capabilities that were not possible to imagine at the point of purchase.

This built-in scalability is one of the solutions that Hexagon provides to support sustainable and responsible manufacturing.

PRESTO L

For parts up to 6000 x 2500 x 2000mm in size



PRESTO XL

For parts up to 6000 x 2500 x 2000mm in size



Automate. Scale. Repeat.

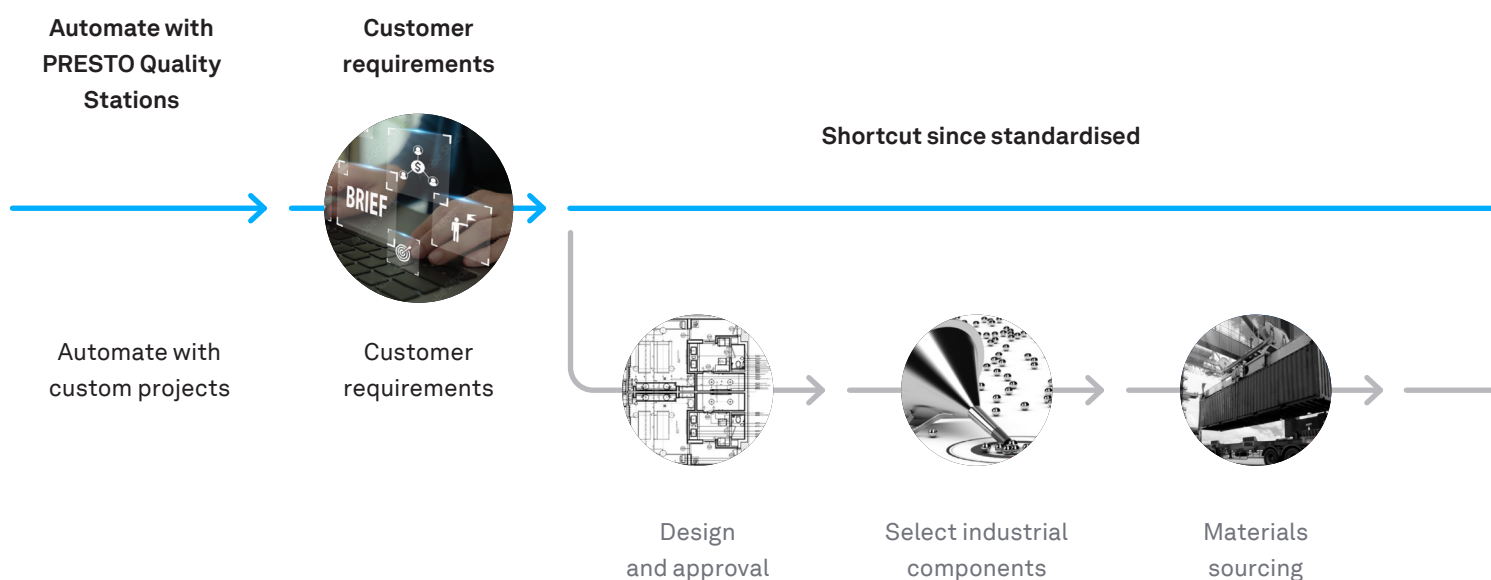
For organisations that demand performance that can be replicated across multiple locations – as fast as possible.

Enjoy long-term peace of mind

In the world of industrial manufacturing solutions, Hexagon stands as a paragon of excellence, not just for its cutting edge robotics and automation technology, but also for its unwavering dedication to customer satisfaction. At the heart of this commitment is a robust service maintenance program, meticulously designed to ensure the longevity and optimal performance of every system the company delivers.



- @ Single touchpoint
- 📄 One contract
- ⚙️ One delivery, one installation, one commissioning
- 📞 Hotline and assistance during the entire equipment service life
- 📈 Scalable to your needs



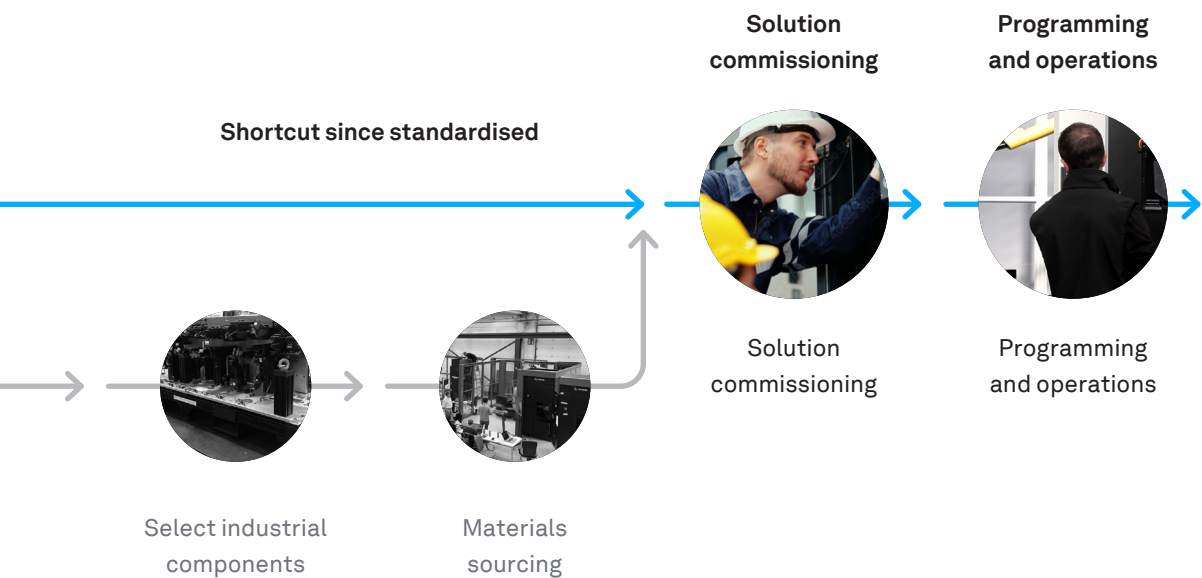
No compromise on service excellence

Manufacturing operations rely on the optimal performance and reliability of your production assets. To ensure the smooth functioning of the equipment throughout its full service life, PRESTO Quality Stations benefits from a comprehensive yearly maintenance program specifically designed for your industrial needs.

Our yearly maintenance programs, combined with your regular attention and adherence to the recommended maintenance activities as outlined in the user manual, will greatly contribute to the longevity and performance of your industrial solution.

Scale up rapidly (and easily)

CE and UL compliant, PRESTO Quality Stations offers quick, consistent and predictable deployment and ramping-up of solutions at a global scale. With the knowledge and experience of previous installations, Hexagon’s team is able to share best practice and seamlessly communicate it within any organisation, helping to break down silos. In addition, turnkey solutions are more affordable than customised installations.



You're only 4 Steps away from your PRESTO

1. Configure



Whether your project is in its early or advanced phase, our sales managers have the necessary industry expertise and passion for the Hexagon portfolio to help you find the solution that best fits your situation – whether it's a PRESTO cell or a customised solution.

Feel free to challenge us on the decision to choose or not choose an option; we have a wide variety of tests and validations ready to provide you, empowering you with the information to make the right decision.

Thanks to our global footprint in the world, be our guest at one of our Experience Centres to see and test PRESTO capabilities and ensure that it's the right machine for you.

2. Commission



At the conclusion of a process tailored to your needs, your PRESTO will leave our production centre ready to be installed by qualified technicians.

The application team will then take over, providing hands-on training for operating the cell, as well as the initial inspection of the installation and application. Your teams will be trained to carry out both off-line operations (robotic programming training) and on-line operations (inspection execution), maximising the utilisation of your inspection cell.

Our teams will support you throughout this ramp-up phase in your local language.

3. Maintain



Take care of your PRESTO by regularly performing the simple procedures outlined in the user manual. They are easy to implement and take no time to complete.

However, we encourage you to subscribe to the annual maintenance contract, not only allowing you to calibrate the laser equipment, but also to ensure you benefit from all the software updates and enhancements from Hexagon.

4. Enhance



Not only is it easy to scale PRESTO's capabilities to your organisation's needs at first implementation – thanks to the modularity of PRESTO – you can upgrade further areas retrospectively, should you require it.

The longevity and robustness of the built-in laser equipment enables the evaluation of your system at a reduced cost.

This built-in scalability is one of the solutions that Hexagon provides to help support sustainable and responsible manufacturing.

Hexagon is the global leader in measurement technologies. We provide the confidence that vital industries rely on to build, navigate, and innovate. From microns to Mars, our solutions ensure productivity, quality, safety, and sustainability in everything from manufacturing and construction to mining and autonomous systems.

Hexagon (Nasdaq Stockholm: HEXA B) has approximately 24,800 employees in 50 countries and net sales of approximately 5.4bn EUR.

Learn more at [hexagon.com](https://www.hexagon.com)