

Atlas Copco is participating in the 2023 Assembly Show South!

We are excited to announce that we are participating in the 2023 Assembly Show for the U.S. South! The Assembly Show has been a staple for 10 years, and this year they are bringing the show to Nashville, Tennessee. This event is taking place from **Tuesday, April 4th** through **Thursday, April 6th, 2023, at the Music City Center in Nashville.**

Get to know our booth

The Assembly South Show brings together major manufacturing plants to showcase innovative new ideas. Atlas Copco will occupy **booth #525** and will demonstrate the impressive capabilities of some of the products and solutions we have to offer. We expect the event to be a huge success as we demonstrate these technologies to the attendees.

Our products and solutions

- ▶ **Scalable Quality Solution 3 (SQS)** – This innovative software solution drives quality, transparency, and process reliability by controlling your entire process along with guiding your operators through the assembly process, eliminating the risk of error or oversight.
- ▶ **ILS 2.0** – Industrial Location SpotPoint (ILS) is a wireless, bolt-level error-proofing system for battery-powered tools, low-reaction tools, and more. This technology can ensure a specific sequence is followed, and that bolts are not skipped. It is designed to enhance the advantages of wireless tools by optimizing production, productivity, and quality.
- ▶ **ILM** – Industrial Location Moving (ILM) is the perfect location-based solution for stop and go stations or continuously moving lines. ILM tracks the location and orientation of your tools, ensuring they stay in the station and improving your quality.
- ▶ **QA Platform 4.0** – The Atlas Copco QA Platform 4.0 offers a series of integrated products to fully manage any Quality Assurance process. The STbench lets you test the tool capability and calibrate tools in the crib or along the line. Testing on the line allows you to keep the tool on the floor for testing. Alternatively, we also have the STpad and STpalm, which make it easy to collect any type of quality data: tool testing, joint audit, and even defects collection and go-no-go tests. QA Supervisor offers a repository for all the quality data collected, to schedule and create reports. All this in a practical web-based solution.
- ▶ **ToolsTalk 2** – ToolsTalk 2 is a controller management software that enables easy programming and complete visibility and traceability to your entire line structure.
- ▶ **ToolsNet 8** – ToolsNet 8 is a reliable data collection software that will reduce your amount of rework by collecting and allowing you to analyze tightening data from your tools and providing process improvements.
- ▶ **Automated MicroTorque Cobot Station** – Atlas Copco's Fixtured MicroTorque perfectly combines with a cobot through our UR Cap which bridges the communication between the cobot and the MTF6000 controller for seamless programming. The screw presenter makes the automation process even easier by helping the system to pick up screws for fastening and by using a smart vacuum pump the system can monitor screw alignment.
- ▶ **Tensor IxB** – This platform is a collection of integrated controller battery tools designed to revolutionize your assembly processes. IxB tools can be used with Power Focus controllers or running the controller software right on the tool! These tools are engineered to be faster and smaller than our previous-generation tools, making them the perfect asset for improving your quality, profitability, and optimizing your production.
- ▶ **Fixtured Screw Feeder on a cobot with vision** – Our screw feeder system automatically dispenses screws straight to the tightening tool. It also easily adapts to cobots and vision technology, making the screw feeder completely autonomous. This enables you to benefit from its repeatability and the reduction of the cycle time by blowing the screw directly into the tool.