



PRESS RELEASE

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Desoutter Launches M-EDU-QC, Setting A New Standard In Electric Drilling For Aerospace Manufacturing

A new level of safety, precision, and efficiency for complex drilling operations.

Desoutter is proud to introduce M-EDU-QC, the next generation of electric drilling units designed specifically for the most demanding aerospace applications. With its new Quick Change (QC) interface and fully integrated lubrication, M-EDU-QC delivers an unprecedented level of process security, ergonomics, and multi-stack drilling performance.

Building on years of field experience with leading aerospace manufacturers, M-EDU-QC redefines error-proof drilling by eliminating manual lubrication hookups and introducing a plug-and-drill system that ensures correct setup every time. Its dual-motor architecture, optimized cooling, and robust mechanical design guarantee consistent drilling quality, even in the most challenging material stacks.

A future-ready tool for modern aerospace assembly

M-EDU-QC is fully compatible with the Desoutter ecosystem and engineered for Industry 4.0 integration. Its new architecture includes a second RFID tag, improved tracking interfaces, and software readiness for enhanced data capture and process control — making it a cornerstone solution for connected, high-precision drilling environments.

With its upgraded handles, improved grip for gloved operation, protected motor screen and trigger, and more flexible cables, M-EDU-QC brings a significant boost in operator comfort and safety while enabling faster cycle times and reduced workstation noise.



Focus on integration & traceability

Desoutter's new M-EDU-QC electric drilling unit delivers error-proof plug-and-drill performance with integrated lubrication and Industry 4.0 traceability, ensuring superior precision, safety, and consistency across demanding multi-stack aerospace applications.

Key Benefits

- Plug & Drill Simplicity
- Quick Change interface with integrated lubrication, eliminating manual pipes and reducing setup risks.
- Superior Drilling Performance
- Dual-motor system ensures controlled feed, speed, and precision across multi-material stacks.
- Enhanced Ergonomics & Safety
- Improved handle design, better protection of trigger and motor screen
- Industry 4.0 Ready
- RFID capability, tracking options, and readiness for advanced monitoring and digital integration.
- Retrofit Compatibility
- Existing M-EDU heads can be upgraded via retrofit kits, preserving investment while enabling QC technology.

// It's a new benchmark for aerospace drilling. Tested and validated in demanding environments, the M-EDU-QC has already demonstrated significant gains in quality, throughput, and operator comfort. Compared with pneumatic solutions, customers have reported reductions in quality incidents, improved workstation cleanliness, and major productivity increases - confirming M-EDU-QC as the new reference for complex, high-precision drilling tasks."

Nabila Soumah - Project Marketing Manager Aerospace at Desoutter

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About us

Founded in 1914 and headquartered in France, Desoutter Industrial Tools is a global leader in Advanced Assembly & Advanced Drilling solutions serving a wide range of assembly & drilling manufacturing operations, including Aerospace, Automotive, Light and Heavy Vehicles, Off-Road, General Industry. Desoutter offers a comprehensive range of Solutions (tools, data analytics, process control, service and customized solutions) to meet the specific demands of local and global customers in over 170 countries. The company designs, develops and delivers innovative quality industrial tool solutions, including air and electric Screwdrivers, Advanced Assembly Tools, Advanced Drilling Units and Torque Measurement Systems.

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