



PRESS RELEASE

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Desoutter launches EABCLRT Battery Electric Pulse Angle Head Tool: A breakthrough in assembly line efficiency

Desoutter industrial tools proudly announces the launch of the EABCLRT Battery Electric Pulse Angle Head nutrunner, a revolutionary advancement in assembly technology designed to meet the evolving demands of the automotive and off-road vehicle sectors. This cutting-edge tool delivers high torque and high speed without the reaction force, offering a transformative solution for production lines seeking to enhance both productivity and operator comfort.

Unmatched speed and versatility

Operating at a continuous drive speed of 1300 rpm, the EABCLRT 110 tightens screws up to three times faster than conventional tools, significantly reducing takt time and boosting throughput. With a torque range of 40 to 110 Nm/ 29.5 to 81.1 ft.lbf, it is ideally suited for a wide array of applications including chassis assembly, powertrain and engine work, strut mounting, and battery pack rework.

Operator-centric design and precision



The high torque pulse angle head is engineered for maximum operator comfort. Its lightweight design eliminates the need for reaction arms and balancers, preserving musculoskeletal health and improving manoeuvrability. The compact and balanced form factor, powered by 36V Lithium-Ion technology, ensures long-lasting performance and ease of use. Featuring 360° reporting LEDs, the tool provides real-time visual feedback, ensuring precision and reducing the risk of errors.

A comprehensive range

The EABCLRT 110 is available in three models—Standard, WiFi, and WiFi with accessory port - and integrates seamlessly with Desoutter's broader portfolio, including the Electric Pulse Pistol Corded Transducerised Nutrunner and Battery Electric Pulse Pistol Tools. All battery models are compatible with the Smart Hub CONNECT, ensuring enhanced connectivity and control.

Smart Connectivity and seamless integration

Equipped with RFID technology for effortless pairing and secured WiFi communication (available on select models), the EABCLRT110 ensures smooth integration into existing production systems. These features enhance traceability and streamline operations, aligning with Industry 4.0 standards.

Reduced maintenance and installation costs

With an oil free pulse unit, the high-torque pulse angle head nutrunner minimises the need for routine maintenance checks, enhancing uptime and reliability. Its low-reaction-force transmission eliminates the need for reaction arms and balancers, simplifying installation and reducing associated costs delivering a streamlined, cost-effective solution for modern production environments.

Key figure

In an application requiring two cycles per minute across two 8-hour shifts, switching to the Desoutter PULSE angle head tool can save up to five hours per month compared to standard nutrunner solutions running at around 600 rpm. That's a substantial gain in efficiency with real impact on production line performance.



The high torque pulse angle head tool represents a significant leap forward in assembly technology. It combines high speed, high torque, and ergonomic design in a single tool, empowering manufacturers to meet today's production challenges with confidence."

Guillaume Prot - Product Manager at Desoutter

[Desoutter photo gallery](#)

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.

MEDIA CONTACT

Digital Customer Experience Department
communication.desoutter@desouttertools.com



<https://www.desouttertools.com>