



PRESS RELEASE

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BLRTC080 pistol: the latest addition to the Desoutter ePULSE Battery tools range

Desoutter expands the application range of its ePULSE Battery tools range with the introduction of the BLRTC080 pistol, its latest innovation combining high torque, high speed, enhanced ergonomics, and simplified setup.

One PULSE technology and full torque coverage

Desoutter has redefined the standards of high-performance industrial fastening. Its ePULSE Battery tools range addresses real tightening challenges:

- ePULSE replaces conventional oil pulse tools with an oil-free mechanical gearbox
- ePULSE shortens tightening cycles where takt time is critical
- Pulse tightening up to 110 Nm without reaction arms reduces operator fatigue
- Progressive Pulse allows configurable pulse behavior that adapts to different joint stiffness requirements



The ePULSE Battery tools range addresses key industrial challenges with three main benefits: high performance - high speed, ergonomics - no reaction force up to 110Nm, and low TCO - oil-free technology.

BLRTC080: Expanding the Power of ePULSE

With the introduction of the ePULSE pistol BLRTC080, Desoutter takes its pulse technology to the next level for high-torque applications. This new nutrunner is a game changer, delivering the highest speed on the electric technology market - up to 4,000 rpm - and 80 Nm with no reaction force, while remaining optimised for one-hand operation. As explained by Guillaume Prot, Product Marketing Manager – Wireless Platform & Gear Front Attachments at Desoutter:

// ePULSE takes one-hand pulse technology further, now optimised for high-torque applications. With the addition of the BLRTC080 nutrunner, delivering up to 4,000 rpm, Desoutter now covers a wide torque range, simplifying production lines by reducing the number of tools required to meet all station requirements.”

As part of the wider ePULSE Battery tools range, the BLRTC080 is designed to address both hard and soft joints. Using Progressive Pulse technology, it adapts more effectively to joint variability - particularly on softer joints - while meeting customer expectations for a single tool and a single Pset capable of handling multiple tightening applications.

The ultimate high torque duo

With the EABCLRT110 (40-110 Nm) and the new BLRTC080 (40-80Nm), Desoutter ePULSE Battery tools range delivers the ultimate high torque duo for industry! High torque, high speed, no reaction force - available in pistol and angle-head configuration and powered by electric pulse technology: welcome to tightening 4.0!

Key Benefits BLRTC080

- High speed: 4000 rpm to fit with the most demanding takt time (DynaPULSE patented technology that waits for the gearbox rebound to fully settle before starting the next pulse)
- High torque: 40 to 80 Nm
- No reaction force
- Progressive Pulse: Configurable pulse behaviour adapts to different joint stiffness requirements
- Oil free electric pulse technology: A fully electric pulse system using the patented ErgoShield gearbox design
- RFID: for contactless and easy pairing
- Compatibility with the CONNECT range and CVI3 Vision



No compromise on operator comfort

Repetitive tasks and long tool usage can lead to fatigue, impacting performance. The Desoutter ePULSE Battery tools range is built around a clear ambition: delivering the best productivity, accuracy and operator comfort.

The BCLRT080 allows high torque tightening without a reaction arm, meaning no continuous reaction force and the patented ErgoShield gearbox design reduces pulse duration by up to 5 times.

Key figures BLRTC080:

- 40 to 80 Nm
- Up to 4000 rpm

Discover more:

→ For more information about the ePULSE Battery tools range, [visit this page](#).

→ Find original images on the [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>