

NURON – THE COMPLETELY NEW CORDLESS PLATFORM WITH BUILT-IN CONNECTIVITY

Schaan (FL), January 12, 2022 – With Nuron, Hilti is launching a new cordless platform that radically simplifies work on construction sites, enhances tool park management, drives performance to much higher levels and improves operator health protection. Nuron is based on a single battery system that covers all relevant applications from light- to heavy-duty.

On construction sites, customers often face the problem of needing different energy sources for their tools. There are cordless platforms with different voltages for various applications, corded tools, and gas-powered tools. That leads to searching for tools and the right batteries, bringing multiple chargers, running cords and mixing fuel. Hilti is changing this paradigm with Nuron.

"Operators want to work on a fully cordless construction site with a simple solution that provides them more flexibility and productivity without compromising on health and safety. With Nuron, we address these fundamental needs. We overcome the existing complexity and combine our strengths to data-driven services, which simplify jobsites and reduce downtime. I am convinced that we offer a true value proposition with Nuron," says Jahangir Doongaji, Member of the Executive Board.

All on one platform and higher performance

All batteries and chargers are interchangeable with all Nuron tools, which is key for optimizing tool parks and reducing costs for businesses. The 22 Volt cordless platform delivers unprecedented performance, which also enables heavy-duty applications that were once restricted to corded, gas-powered or higher voltage battery systems. The basis for this is the completely redesigned battery interface which ensures significantly higher power transfer than corded mains, and thus higher performance.

The reengineered Nuron batteries are more durable and include new, robust fiberglass-reinforced housing and external shock-absorbing bumpers which provide extra protection even in the toughest conditions. And the electronics are fully sealed to protect against moisture, dust and other jobsite contaminants.

Cloud-connected to increase productivity

Moreover, Nuron brings intelligence to the core of the platform – all tools generate data which are then stored on the batteries and sent securely to the cloud during every charge

without any operator interaction. The data collected includes information such as tool usage, tool utilization, charging location and battery state-of-health, ensuring operators are working with batteries in optimal conditions. This information can then be used to immediately alert individuals if action is needed or can be accessed on-demand as required and is available on mobile and desktop platforms via Hilti's ON!Track software. Together with Hilti services like Fleet Management, tool data can be used to reduce downtime and optimize tool parks to increase customer productivity.

New features for more health & safety on the jobsite

“Our strong focus on operator health and safety has reached a new level with Nuron. Customers can now benefit from new safety features and a much broader range of cordless tools that include our proven and leading safety technologies”, Tassilo Deinzer, Member of the Executive Board, explains. Hilti's Dust Removal System (DRS) and Active Torque Control (ATC) are now available with all relevant tools. Active Vibration Reduction (AVR), another key health protection and comfort feature, has been expanded to many more tools within the Nuron portfolio. Furthermore, in the redesign of all 70 tools that will be available from launch, ergonomics, weight and robustness have been optimized and made compatible with an approved tethering system to prevent tools falling when working at heights.

Hilti has also worked with construction professionals to develop two new technologies for increased safety with angle grinders. The “3D ATC” system switches off the tool and activates the disc brake when there is sudden, uncontrolled movement in any direction. The same risk-reducing function comes with the new “SensTech” system, which senses when the operator's hand is removed, e.g. when the tool is accidentally dropped.

Nuron products will go on sale in North America in January with shipments beginning in March. The global rollout will continue through 2022, including European markets.

The Hilti Group supplies the worldwide construction and energy industries with technologically leading products, systems, software and services. With about 30,000 team members in over 120 countries the company stands for direct customer relationships, quality and innovation. Hilti generated annual sales of CHF 5.3 billion in 2020. The headquarters of the Hilti Group have been located in Schaan, Liechtenstein, since its founding in 1941. The company is privately owned by the Martin Hilti Family Trust, which ensures its long-term continuity. The Hilti Group's strategic orientation is based on a caring and performance-oriented culture and the goals of creating enthusiastic customers and building a better future.