



V20 ADVANCED Batteries for Higher Power and Longer Runtime

V20 ADVANCED 電池 提升 DIY 工具動力與續航表現

CRAFTSMAN, a Stanley Black & Decker brand, has introduced its new V20 ADVANCED™ Batteries, designed to provide greater power and longer runtime for demanding DIY projects while remaining fully compatible with the existing V20 cordless tool lineup.

Built with advanced tabless cell technology, the batteries operate at lower temperatures, improving performance and efficiency during heavy-duty applications. **The new lineup includes a 6Ah model delivering up to three times the power and runtime, and a 3Ah version offering 96% more power and up to 50% longer runtime** compared with previous models.

Compatible with more than 100 CRAFTSMAN V20 tools, ranging from power tools to outdoor equipment, the new batteries allow users to upgrade the performance of their existing tools without replacing them. CRAFTSMAN said the launch reflects its commitment to helping DIY users complete larger projects faster and with fewer interruptions through enhanced cordless battery technology.

Ball Star Bit Socket Set with Enhanced Grip Technology

球頭星型套筒起子組 強化狹小空間鎖固性能

GripEdge Tools has introduced its new 9-piece RPT 1/4- and 3/8-inch Drive Long Ball Star Bit Socket Set (BST9LS), designed for automotive, industrial, marine, and commercial applications where fasteners are difficult to access.

The set features GripEdge's second-generation Ball Star geometry, allowing up to 15.5 degrees of pivot for angled engagement in confined spaces. It also incorporates the company's **patented Rounding Prevention Technology (RPT), which provides up to 50% more grip on undamaged fasteners and up to 400% more grip on damaged fasteners** than conventional tools, helping reduce fastener stripping and rounding.

Manufactured from durable S2 tool steel, the 6-inch-long sockets feature a slim profile for improved access and large, high-visibility size markings for easier identification in low-light work environments. Available in sizes T10 to T50, the new socket set is designed to improve efficiency and reliability for professionals performing maintenance and repair in challenging working conditions.



MarineLOK 316 Stainless Steel Structural Fasteners

MarineLOK 316 不鏽鋼結構扣件 鎖定海洋工程應用

FastenMaster, a division of OMG Building Products, has introduced MarineLOK, a heavy-duty 316 stainless steel structural fastener designed for marine and coastal construction applications requiring superior corrosion resistance.

Engineered for use within 1,000 feet of saltwater, MarineLOK is intended to replace traditional 1/2-inch lag screws in wood-to-wood structural connections. The fastener features **a patent-pending design combining a Type-17 sharp point, serrated cutting teeth, and wood-clearing inner threads to improve installation speed, cutting performance, and finish quality.** It also incorporates a T50 drive system for secure engagement and a SureSink™ head for a clean appearance.



Available in lengths ranging from 3 to 10 inches, MarineLOK is suitable for docks, boardwalks, marine decks, boat houses, and other environments exposed to saltwater and corrosive conditions.

According to FastenMaster, the new product expands its LOK structural fastener portfolio by providing contractors with a marine-grade fastening solution that combines durability, corrosion resistance, and installation efficiency for demanding outdoor applications.

Diamond Deck & Wood Screws for High-Performance Outdoor Applications

Diamond Deck & Wood Screws 提升戶外施工鎖固性能

Woodgrain, Inc. has introduced its new Diamond Deck & Wood Screws, a premium fastening solution designed for decking, outdoor construction, and treated lumber applications.

The new screws feature **patented TTX drive technology, a Typhoon head with nibs, and a DXAS coarse thread design to reduce cam-out, wobble, and installation torque** while improving driving efficiency. According to Woodgrain, performance testing showed the screws achieved leading results in driving speed, torque, and pull-out resistance.

Diamond Screws also feature a 2,000-hour Nano corrosion-resistant coating and are approved for exterior use and ACQ-treated lumber applications. The product is backed by a limited lifetime fastener warranty, providing long-term durability for demanding outdoor environments.

Woodgrain said the new product line addresses common installation challenges faced by contractors while offering distributors a premium fastening solution with strong market potential. The company believes Diamond Screws will help dealers enhance product value, improve customer satisfaction, and support sales growth in the high-performance fastener market.



Neluma Floating Solar Platform for Global Expansion

搭配卡扣式緊固元件的 Neluma 漂浮式太陽能平台加速全球市場布局



ARaymond has officially launched Neluma, its floating photovoltaic (FPV) platform, following the successful validation of a pilot project in France. Designed for reservoirs, agricultural ponds, industrial water bodies, and artificial lakes, the modular system can be adapted to various site configurations.

Neluma features **100% recyclable aluminum catamaran floats and ARaymond's clip-on fastening system, which simplifies installation, reduces on-site fastening work, and eliminates the need for retightening during operation.** The company also deploys mobile micro-factories near project sites to manufacture and assemble components locally, reducing transportation costs and accelerating project delivery.

The first 260 kW pilot installation in Savoie, France, was completed in just seven days and has operated without corrective maintenance since entering service in 2024.

ARaymond is now expanding Neluma through regional production hubs in France, India, and Brazil, targeting floating solar projects on reservoirs, quarries, and agricultural water bodies. The company believes the platform's sustainable design and localized manufacturing model will support the growing global demand for floating solar energy solutions.

Next-Generation Cold Forging Dies for High-Precision Chamfered Screws

新一代冷鍛模具 提升倒角螺絲製造效率與精度

ZJK Industrial (China) has introduced its next-generation cold forging dies for chamfered screws, designed to improve manufacturing efficiency, reduce production costs, and enhance precision for advanced manufacturing industries, including AI infrastructure, industrial robotics, electric vehicles, aerospace, and semiconductor equipment.

The new dies **enable chamfers to be formed directly during the cold forging process, eliminating conventional secondary chamfering operations.** According to ZJK, the technology increases production efficiency by 30–50%, reduces production line equipment investment by more than 40%, and achieves tighter dimensional tolerances of within 0.10 mm. The process also delivers smoother screw surfaces, improved corrosion resistance, and better assembly compatibility.

The company said the innovation addresses longstanding limitations of traditional chamfering methods while meeting the growing demand for highly consistent fasteners used in automated assembly, robotic fastening, and machine vision inspection systems.

Driven by strong demand from AI infrastructure, industrial automation, and electric vehicle markets, ZJK reported 2025 revenue growth of 48.39% to US\$56.1 million. The company expects the new technology to strengthen its competitive position in precision manufacturing and support long-term growth in high-end industrial applications. ■

