

Streamline, Patented VDE Ratchet Handle with 72 tooth

With the growing trend of electric vehicles and the increasing demand for related electrical applications, insulated tools are becoming more popular and widely used. Prioritizing safety above all, William Chaing conceived an innovative idea to combine advanced safety features with professional usability.

Engineered with a VDE IEC 60900 certification, this insulated ratchet system is tested and approved for use up to 1000V, ensuring maximum safety when working on live electrical applications. The ratchet features a 72-tooth gear structure, providing a minimal 5° swing arc, allowing smooth and efficient operation even in confined or restricted spaces.

A key highlight of this product is its patented switching mechanism, which cleverly integrates CW / LOCK / CCW direction control and a quick-release function at the bottom of the handle. This unique design enables one-handed operation and improves workflow efficiency while reducing unnecessary hand movement.

Available in 1/4", 3/8", and 1/2" drive sizes, the system meets a wide range of professional requirements. The innovative curved handle design enhances ergonomics, offering better grip, comfort, and torque control during prolonged use.

To further expand versatility, the product is offered with a 16-piece insulated ratchet set, including:

- Insulated ratchet handle
- T-handle
- Hex sockets
- Extension bars
- Deep sockets

This comprehensive set provides a complete solution for electrical maintenance, installation, and industrial applications.

