

2017 Hand Tools & Hardware Award Winners

2017五金手工工具產品設計獎

compiled by Fastener World



**TAIWAN
EXCELLENCE
2017**



Screen Slipping T-handle Torque Screwdriver Kit William Tools Co., Ltd., Taichung, Taiwan

The Screen Slipping T-handle Torque Screwdriver was made of high tensile metal and environment-friendly materials. The torque force is calibrated to +/-4% and its new mechanism ensures that the accuracy will retain for a long time. Every wrench meets the requirements of ISO 6789:2003 and ISO 9227(NSS). The product features:

- The torque force is calibrated to +/-4% and passes the 30,000 times durability test.
- Numeric screen display makes it easy to read the torque value.
- Ergonomic grip offers a great feel.
- It can take up to 12 bit types inside the tool.
- Alloy steel pawl reinforces the product's stability and reliability.
- It's 100% made in Taiwan.

3-Speed Multi-Function Power Tool

Trinity Precision Technology Co., Ltd., Miaoli, Taiwan



The three speed design is a highly efficient & powerful performance application. For the purpose of achieving efficiency goal, the quick release mechanism is implanted on the spindle for quick bits or drill head switching. In different drill or driving application, the three speed design provides multiple selections for high speed or high torque demand.

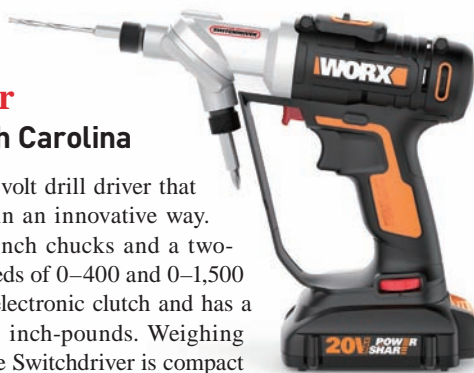
Additionally, with the goal of increasing strength, the company tested lots of subjects in the lab during the developing process. After the tool got testified and refined on its design & material, a perfect high performance power tool is completed. All the design and parts are MIT.



WORX Switchdriver

WORX, Charlotte, North Carolina

WORX Switchdriver is a 20 volt drill driver that drills holes and drives screws in an innovative way. Switchdriver has two quarter-inch chucks and a two-speed gearbox with no-load speeds of 0-400 and 0-1,500 rpm. It features an 11-position electronic clutch and has a maximum torque rating of 310 inch-pounds. Weighing only 3 pounds with a battery, the Switchdriver is compact and lightweight. A built-in LED light illuminates the work area when the trigger is pressed.



APW-50P Air Oil Pulse Wrench

Airboss Air Tools Co., Ltd., Taichung City, Taiwan

Airboss Air Tools Co., Ltd. adopts the most advanced processing apparatuses and strict quality control to manufacture air oil pulse wrenches. Features: air oil pulse wrench has buttons for counting, measurement, torque force and pressure adjustment, plus a muffler to reduce the noise of motor during its operation. Moreover, its high torque accuracy and standard value pre-set allows for auto-stop to make a handy operation.



It's perfectly suitable for assemblies and maintenance in limited space of motorcycles and bicycles.



**GOLDEN
PIN
DESIGN
AWARD**



Screen Torque Wrench 2G

William tools Co., Ltd, Taichung, Taiwan

The 2nd Generation Screen Torque Wrench brings you an extraordinary experience in the torque wrench application of tool market. With the new click type mechanism patent of the torque wrench, it shows great durability and stability during use. Also, the friendly numeric screen helps user read the torque value easily when adjusting the torque. Combining these two features, it's a high quality and very useful torque wrench.



Hilti SID 8-A22 / Cordless Impact Screwdriver

Hilti Corporation, Schaan, Liechtenstein

The new Hilti SID 8-A22 rounds off the Hilti family of cordless impact screwdrivers of the new design generation. Its specially formed grip area has been optimized for use with working gloves. Based on Hilti's 22 V battery technology, the Hilti SID 8-A22 features the classic type of bit holder that makes it suitable for drilling as well as screwdriving in wood. This new tool's tangential impact mechanism, with "intelligent" electronic control, develops a maximum torque of 500 Nm.



Skil 2636 / Cordless Screwdriver

Skil B.V., Breda, Netherlands

The Skil 2636 3.6V cordless screwdriver is the ideal tool for working in confined space because of its very compact design. The forward / reverse selector ensures ease of use during the job. Changing the working direction is intuitive and easy for both left- and right-handed users. The selected working direction is clearly displayed on top of the tool. A bright LED spotlight, battery-level indicator and automatic spindle lock provide extra convenience. Two extra screw bits can be stored on the tool, so alternative bits are always within reach. The micro USB charger offers faster charging and the flexibility to connect to other USB interfaces.



Tiny Bone 5-in-1 Ratchet / Hand Tools RE-DAI PRECISION, Taiping, Taiwan

Fixing something that requires many tools can be inconvenient and frustrating. So we wondered "Why can't we combine them together? Fixing stuff should be easier and fun." Subsequently, we conceived this idea and a few years later we made it happen. "Tiny Bone" can be used as a flexible ratchet, speeder handle, screwdriver, palm ratchet or sliding T-handle; these kinds of tools are commonly used in DIY field. But even it was defined as DIY tool, it still meets DIN and ANSI's standards. Its body part is made of aluminum alloy, which makes its weight lighter and keeps its stability.



Nejisaurus Z / Screw Pliers Engineer Inc., Osaka, Japan

Nejisaurus Z is designed for removing damaged, rusted, or stuck screws in tight space that cannot be reached with conventional pliers. The slim needle-nose head is enhanced with the patented vertically aligned jaws that grip even very small, flat screw heads in confined space. The patented side teeth intermeshes each other so it firmly holds any thin material from 0.1 mm thickness. A T-shape melted grip helps the elastomer cover to keep its shape for long-lasting use while fitting comfortably in your hand. This allows you to work with low turning force, avoiding any injury. Suitable for your private DIY use or professional working environment.



LiftUp 26one / Bit Holder

Wiha Werkzeuge GmbH, Schonach, Germany

As the name suggests, the LiftUp 26one offers the user thirteen unique double bits – encompassing twenty-six of the most common drive profiles in a compartment design that guarantees easy access. Users therefore have a wide range of bits in a single hand tool, which conserves space in the toolbox as it also lightens up the belt since it only weighs approximately 200g. At the same time, the Wiha SoftFinish multi-component handle with roll-off protection ensures healthy, comfortable use. In addition to elements to boost efficiency and satisfy user requirements, these design features to benefit ergonomics were at the forefront during development.



Super B Torque Key / Torque Key

Super B Precision Co., Ltd., Changhwa, Taiwan

The Super B Torque Key is an affordable option for consumers who seek torque referring to tighten bolts. The tool is marked with an easy to read scale; it features a simple design for intuitive operation and a compact size for carrying. Applicable torque ranges from 0 to 10 Nm and comes with a bits set for most common adjustments on bikes, including the hex 3/4/5/6 mm, PH, and Torx 25.



NEPROS 1/4 Ratchets / Hand Tool Kyoto Tool Co., Ltd., Kyoto, Japan

Its oval head houses a 90-tooth gear, seven-level claw driving mechanism offering the world top-class precision condensed into the small head of 1/4 square inch ratchet and realizing a feed angle of only 4°. With an overall length of 125 mm, this compact ratchet handle fits snugly in the palm of your hand. It is ideal for working in tight space or for when a delicate sense of torque is called for. Despite its small size, this tool was designed to meet NEPROS' strict requirements for ease of use, while offering strength on par with previous models as well as a light return travel. Short-type and flex-type versions are also available.



Leatherman Skeletool RX / Rescue Multitool Leatherman Tool Group, Inc., Portland, OR, United States

Designed to be much more than a simple rescue knife. A fully functional tool created specifically for first responders and rescue professionals. Compact, portable and convenient as well you can depend on. Uniformed professionals will have the right tool on hand, respond quickly and safely. It boasts pliers and a variety of removable bits, including a carbide glass breaker. It also features a unique knife blade with a rounded sheepsfoot shape that allows cutting through materials while remaining safe. The 154CM stainless steel blade can be opened with one hand – even with a glove on. The bright finish is highly visible and is coated with Cerakote.



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Main Products

- Nylon Washer
- Flat Washer
- Cap Nut
- Plastic Screw
- Plastic Nut
- Rubber O-Ring
- Various Plastic Products

主要產品

- 尼龍華司
- 墊圈、戴帽
- 塑膠螺絲
- 塑膠螺帽
- 橡膠O型環
- 各類塑膠橡膠製品