

Reddot & iF Design Award Winners for 2021

2021 Reddot設計獎與iF Design大獎得主

compiled by Fastener World



2021

reddot design award



Arrowmax SES PRO Smart Motion Control Electric Screwdriver

The Arrowmax SES PRO is an electric screwdriver with smart motion control. It is equipped with a powerful lithium-ion battery, a 32 bit microprocessor and a three-axis gyroscope. The unit is controlled via a single button and a seamlessly integrated OLED display, which can be used to preset the torsional force and speed in steps. Most 3D products, computers, four-axis unmanned machines, glasses, watches, toys, models, etc. can be installed and removed with the screwdriver.

The Arrowmax SES PRO successfully integrates an electric drive and a digital user interface for more efficient screwdriving.

Manufacturer:

Freemax Technology Co., Ltd., Hong Kong



DESIGN
AWARD
2021

SYSTEM 5000-3 CT Torque Wrench Series

The third generation of the HAZET torque wrench series comprises 10 wrenches with integrated reversible ratchets in sizes 6.3 mm (1/4"), 10 mm (3/8"), 12.5 mm (1/2"), and 20 mm (3/4") for a measuring range from 1 to 800 Nm. This new series features a large torque range combined with high precision and practical advantages in a functional, user-oriented design – Made in Germany. The triangular shape of the blue rotary assembly prevents the wrenches from rolling away from the user. The new latching mechanism on the handle guarantees a secure setting, while the laser inscription on the scale ensures permanent readability of the torque values.

Manufacturer:

HAZET-Werk, Remscheid, Germany



Hikoki 12V Peak Series Lightweight Power Tool

The electric power tool industry's focus on carpenters has resulted in many large, heavy, overpowered tools that are not ideal for electrical construction and facilities construction workers. Often working at jobsites with narrow spaces, these workers need power tools that are lightweight and easy to handle. The 12vPEAK battery positions the designer to offer lightweight downsized power tools capable of high performance. In short, this is a series of tools that are compact and deliver outstanding performance. These power tools allow workers to be even more efficient in delivering high-quality work.

Manufacturer: Koki Holdings Co., Ltd., Japan



SF 4-A22 / Cordless Drill Driver

SF 4-A22 is a cordless drill driver, built for professional craftspeople who take pride in achieving precise results. The same ergonomics-led design unites all levels of the SF tool family, with legible adjustments to express the different engineering within each power class. The tool has been designed to balance the power output required for high productivity with the ergonomics needed for exact, comfortable handling. A well-balanced, contoured body sits firmly in the hand. This improves handling precision, while a stepless trigger means power can be intuitively adjusted to prevent damage to the base material from excessive torque.

Manufacturer: Hilti Corporation



GARANT 65 5010 HCT Digital Wireless Torque Wrench

The new electronic GARANT HCT-wrench lets users control not only the force but also the angle of rotation when tightening a screw. The tool supports screw tightening with repeatable, precise movements and even relays visual, haptic, and acoustic feedback when the screw is secure. The wrenches can be programmed to accommodate various workflows and all recorded measurements can be filed digitally, even wirelessly with the HCT-app. The large, customizable display shows detailed real-time information about the screwing process.

Manufacturer: Hoffmann SE ■

