\*\*Title: AMT Battery-Powered Screwdriver: Revolutionizing Industrial Fastening\*\*



AMT introduces a groundbreaking solution for industrial fastening applications—[the Battery-Powered Screwdriver](https://absgroup.in/fixture-spindle). Combining flexibility, ergonomics, quality, and secure data transfer, these tools redefine efficiency. This article explores the key features and advantages, focusing on the ergonomics, integrated technology, error-proof assembly, and innovative capabilities that set AMT apart in the realm of [battery-powered tools](https://absgroup.in/battery-powered-tools).

\*\*Key Features:\*\*

- High flexibility, excellent ergonomics, consistent quality, and secure data transfer.

- Up to 10 [battery-powered tools](https://absgroup.in/handheld-nutrunner) operable through one Control SMX-BT.

\*\*Performance Specifications:\*\*

1. \*\*Pistol Grip Nut Runners:\*\*

- Torqueto: 11 Nm

- Speedto: 476 1/min

2. \*\*Angle Nut Runners:\*\*

- Torqueto: 64 Nm

- Speedto: 587 1/min

3. \*\*Fixture Nut Runners:\*\*

- Torqueto: 27 Nm

- Speedto: 913 1/min

\*\*Ergonomic Design:\*\*

- Trend-setting ergonomic features for the automobile and tier supplier industry.

- Proven, highly-dynamic motor for high performance despite low tool weight.

- Appealing design considerations include:

- Ergonomic handle.

- Newly designed switch ring for right/left operation with additional assignable functions.

- Status display with LED indicators.

- Electro-polished stainless steel start button.

- One-piece, ergonomically formed angle head (rotatable by 4 x 90°).

- Lightweight construction for enhanced maneuverability.

\*\*Integrated Data Chip:\*\*

- Automatic import of factory-set tool data by the [AMT controller](https://absgroup.in/products-category/controller).

- Eliminates laborious parameterization.

- Records the number of executed fastening cycles for preventive maintenance planning.

\*\*Error-Proof Assembly:\*\*

- Reaction-torque sensor and hall sensors for precise torque measurement and angle detection.

- Ensures consistent quality and monitors the power intake as a redundant control variable.

- Meets assembly requirements for safety and quality-critical applications.

\*\*Integrated Barcode Scanner:\*\*

- Tool identification through an integrated barcode scanner.

- Activates the correct assembly program based on the piece number.

- Combines piece number and assembly data in a quality database.

- Streamlines the assembly process, reducing cycle time and costs.

\*\*Wireless Data Transmission:\*\*

- Data transmission through a wifi module.

- Guaranteed secure data transmission through encryption.

\*\*Conclusion:\*\*

[AMT's Battery-Powered Screwdriver](https://absgroup.in/handheld-nutrunner) is more than a tool; it's a revolution in industrial fastening. From ergonomic design to integrated technology and error-proof assembly, these tools set a new standard for efficiency and quality. Embrace the future of fastening with AMT, where innovation meets precision, and productivity reaches new heights.