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Global DC Torque Tool Market Size Study & Forecast, by Power Source (Cordless and Corded) by Type (Fixtured and Handheld Tools) and Regional Forecasts 2025-2035

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Abstracts

Market Definition and Overview

The Global DC Torque Tool Market is valued approximately at USD 3.84 billion in 2024 and is projected to expand at a robust CAGR of 5.70% during the forecast period 2025-2035. DC Torque Tools are precision instruments designed to deliver controlled torque to fasteners, ensuring optimal assembly performance across industrial and automotive applications. These tools can be powered either by electricity or battery systems, and they are deployed in settings ranging from automotive manufacturing to aerospace assembly lines. The escalating demand for high-precision fastening solutions, coupled with technological advancements in tool ergonomics and power efficiency, is significantly propelling the market. Additionally, increasing industrial automation and stringent quality standards in end-user industries further bolster the adoption of DC Torque Tools worldwide.

The surge in demand for reliable and efficient torque solutions is driven by the growing complexity of mechanical assemblies in sectors such as automotive, energy, and aerospace. According to recent industry reports, global automotive production is steadily climbing, while energy and aerospace sectors continue to invest in high-precision assembly tools to improve operational safety and efficiency. Technological innovations, including enhanced battery longevity for cordless tools and integrated torque monitoring systems, provide lucrative growth opportunities. However, challenges such as rising raw material costs and intermittent economic fluctuations may restrain market expansion during the forecast period of 2025-2035.

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The detailed segments and sub-segments included in the report are:

By Power Source:

- Cordless
- Corded

By Type:

- Fixtured Tools
- Handheld Tools

By End-User:

- Automotive
- Energy
- Aerospace

By Region:

North America

- U.S.
- Canada

Europe

- UK

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- Germany
- France
- Italy
- Spain
- Rest of Europe

Asia Pacific

- China
- India
- Japan
- Australia
- South Korea
- Rest of APAC

Latin America

- Brazil
- Mexico

Middle East & Africa

- UAE
- Saudi Arabia

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South Africa

Rest of Middle East & Africa

Onshore Drilling is Expected to Dominate the Market

Cordless tools are projected to dominate the DC Torque Tool Market, commanding a substantial share owing to their portability, ease of use, and operational flexibility in confined or mobile work environments. Industries increasingly prefer cordless torque tools to reduce reliance on power cords, enhance worker safety, and maintain consistent torque application across production lines. Although corded tools currently serve as a dependable option for high-torque applications, the growing emphasis on mobility and automation ensures cordless variants continue to gain momentum as the leading segment throughout the forecast period.

Oil-Based Spacer Fluids Lead in Revenue Contribution

When considering tool types, handheld DC Torque Tools currently generate the highest revenue, benefiting from widespread deployment across automotive and energy applications where flexibility and precision are paramount. Fixtured tools, while essential for assembly lines in aerospace and large-scale manufacturing, have a more specialized application, resulting in a smaller overall market share. This dynamic indicates that while handheld tools dominate revenue streams, fixtured tools provide steady growth potential through specialized industrial adoption, driven by increasing automation and quality assurance requirements.

The key regions considered for the Global DC Torque Tool Market study include North America, Europe, Asia Pacific, Latin America, and the Middle East & Africa. North America dominated the market in 2025 with the largest market share, supported by a mature industrial base, widespread adoption of advanced manufacturing technologies, and stringent quality standards in automotive and aerospace sectors. Meanwhile, Asia Pacific is anticipated to be the fastest-growing region during the forecast period, driven by rapid industrialization, rising automotive production, expansion of aerospace facilities, and increasing investments in renewable energy sectors that demand precision torque solutions.

Major market players included in this report are:

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Bosch Power Tools

Stanley Black & Decker

Hilti Corporation

Makita Corporation

Snap-on Incorporated

Ingersoll Rand Inc.

Festo AG & Co. KG

Atlas Copco AB

Apex Tool Group, LLC

PNEUMAX

Techtronic Industries Co. Ltd.

Chin Fong Machinery Co., Ltd.

Desoutter Industrial Tools

JSW Tools Pvt. Ltd.

Atlas Machinery

Global DC Torque Tool Market Report Scope:

Historical Data – 2023, 2024

Base Year for Estimation – 2024

Forecast period - 2025-2035

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Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent to up to 8 analysts' working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values for the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within the countries involved in the study. The report also provides detailed information about crucial aspects, such as driving factors and challenges, which will define the future growth of the market. Additionally, it incorporates potential opportunities in micro-markets for stakeholders to invest, along with a detailed analysis of the competitive landscape and product offerings of key players. The detailed segments and sub-segments of the market are explained above:

Key Takeaways:

Market Estimates & Forecast for 10 years from 2025 to 2035.

Annualized revenues and regional-level analysis for each market segment.

Detailed analysis of the geographical landscape with country-level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of the competitive structure of the market.

Demand side and supply side analysis of the market.

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Contents

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CHAPTER 5. GLOBAL DC TORQUE TOOL MARKET SIZE & FORECASTS BY POWER SOURCE 2025-2035

CHAPTER 6. GLOBAL DC TORQUE TOOL MARKET SIZE & FORECASTS BY TYPE 2025-2035

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CHAPTER 7. GLOBAL DC TORQUE TOOL MARKET SIZE & FORECASTS BY END USER 2025–2035

CHAPTER 8. GLOBAL DC TORQUE TOOL MARKET SIZE & FORECASTS BY REGION 2025–2035

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CHAPTER 9. COMPETITIVE INTELLIGENCE

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List Of Tables

LIST OF TABLES

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List Of Figures

LIST OF FIGURES

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