

# **Gear Manufacturing Market by Product (Worm Gear, Bevel Gear, and Others), End User (Oil and Gas industry, Power Industry, Automotive, and Others), and Region 2025-2033**

<https://marketpublishers.com/r/G85777E069CCEN.html>

Date: March 2025

Pages: 139

Price: US\$ 2,999.00 (Single User License)

ID: G85777E069CCEN

## **Abstracts**

The global gear manufacturing market size reached USD 84.4 Billion in 2024. Looking forward, IMARC Group expects the market to reach USD 136.7 Billion by 2033, exhibiting a growth rate (CAGR) of 5.22% during 2025-2033. The bolstering growth of the automotive industry, the increasing demand for industrial high-performance gears, the extensive production application in medium and heavy-duty vehicles, and the shifting preference for renewable energy resources represent some of the key factors driving the market.

A gear is a wheel with inserted teeth that transfers motion and power between machine components. It is crucial in various industrial applications to transmit torque and speed, enable smooth power transmission, and achieve the desired speed and precise movement. The gear manufacturing process involves designing and engineering, which includes gear specifications, such as tooth profile, module, pitch diameter, and gear ratio. After the design is finalized, gears can be produced through numerous methods, including hobbing, shaping, milling, and grinding. Finally, they undergo various finishing processes, such as heat treatment, to enhance their strength and durability. This is followed by gear inspection, including gear rolling tests, backlash measurements, and tooth contact pattern analysis to ensure dimensional accuracy and proper tooth profile.

### **Gear Manufacturing Market Trends:**

Gears are essential components in transmissions, drivelines, and differentials in a wide range of vehicles, including passenger cars, commercial vehicles, and off-road vehicles.

As a result, the bolstering growth of the automotive sector and the increasing production of automobiles are prime factors driving the market growth. Besides this, gears are extensively used in a variety of consumer electronic products, including cameras, printers, gaming consoles, and home appliances, which, in turn, are aiding in market expansion. Moreover, the expanding industrial automation and the adoption of robotics in the manufacturing and logistics sectors are fueling the need for high-precision gears for efficient and reliable machinery operation. Concurrent with this, the rising demand for gearboxes for material handling equipment and heavy-duty machinery, such as cranes, excavators, and loaders used across the construction and mining industries, is contributing to the market growth. In addition to this, the growing product utilization across the thriving aerospace and defense sectors in aircraft engines, helicopters, military vehicles, and other critical applications is creating a positive outlook for the market. In line with this, the surging product utilization across wind turbines and solar tracking systems and the growing demand for precision gears in medical equipment, including imaging devices, surgical instruments, and robotic systems, are propelling the market forward. Furthermore, ongoing technological advancements, such as the development of high-performance materials, innovative gear designs, and improved manufacturing processes, are presenting remunerative growth opportunities for the market.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each segment of the global gear manufacturing market, along with forecasts at the global, regional, and country levels from 2025-2033. Our report has categorized the market based on product and end user.

#### Product Insights:

Worm Gear

Bevel Gear

Others

The report has provided a detailed breakup and analysis of the gear manufacturing market based on the product. This includes worm gear, bevel gear, and others.

#### End User Insights:

*Gear Manufacturing Market by Product (Worm Gear, Bevel Gear, and Others), End User (Oil and Gas industry, Powe...*

Oil and Gas industry

Power Industry

Automotive

Others

A detailed breakup and analysis of the gear manufacturing market based on the end user has also been provided in the report. This includes the oil and gas industry, power industry, automotive, and others. According to the report, automotive accounted for the largest market share.

#### Regional Insights:

North America

United States

Canada

Asia Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

The report has also provided a comprehensive analysis of all the major regional markets, which include North America (the United States and Canada); Asia Pacific (China, Japan, India, South Korea, Australia, Indonesia, and others); Europe (Germany, France, the United Kingdom, Italy, Spain, Russia, and others); Latin America (Brazil, Mexico, and others); and the Middle East and Africa. According to the report, Asia Pacific was the largest market for gear manufacturing. Some of the factors driving the Asia Pacific gear manufacturing market included the expanding industrial automation, the rising demand for passenger and commercial vehicles, and the growing adoption of renewable energy sources.

#### Competitive Landscape:

The report has also provided a comprehensive analysis of the competitive landscape in

the global gear manufacturing market. Detailed profiles of all major companies have also been provided. Some of the companies covered include Bonfiglioli S.P.A, David Brown Santasalo, Emerson Electric Co, Rotork Plc, SEW-EURODRIVE GmbH and Co KG, Siemens AG, Sumitomo Heavy Industries Ltd., Walterscheid Powertrain Group (Comer Industries), WEG S.A. (WEG Participações e Serviços S.A.), ZF Friedrichshafen AG (Zeppelin-Stiftung), etc. Kindly note that this only represents a partial list of companies, and the complete list has been provided in the report.

### Key Questions Answered in This Report

- 1.How big is the global gear manufacturing market?
- 2.What is the expected growth rate of the global gear manufacturing market during 2025-2033?
- 3.What are the key factors driving the global gear manufacturing market?
- 4.What has been the impact of COVID-19 on the global gear manufacturing market?
- 5.What is the breakup of the global gear manufacturing market based on the end user?
- 6.What are the key regions in the global gear manufacturing market?
- 7.Who are the key players/companies in the global gear manufacturing market?

## Contents

### 1 PREFACE

### 2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
  - 2.3.1 Primary Sources
  - 2.3.2 Secondary Sources
- 2.4 Market Estimation
  - 2.4.1 Bottom-Up Approach
  - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

### 3 EXECUTIVE SUMMARY

### 4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

### 5 GLOBAL GEAR MANUFACTURING MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

### 6 MARKET BREAKUP BY PRODUCT

- 6.1 Worm Gear
  - 6.1.1 Market Trends
  - 6.1.2 Market Forecast
- 6.2 Bevel Gear
  - 6.2.1 Market Trends
  - 6.2.2 Market Forecast
- 6.3 Others

6.3.1 Market Trends

6.3.2 Market Forecast

## **7 MARKET BREAKUP BY END USER**

7.1 Oil and Gas industry

7.1.1 Market Trends

7.1.2 Market Forecast

7.2 Power Industry

7.2.1 Market Trends

7.2.2 Market Forecast

7.3 Automotive

7.3.1 Market Trends

7.3.2 Market Forecast

7.4 Others

7.4.1 Market Trends

7.4.2 Market Forecast

## **8 MARKET BREAKUP BY REGION**

8.1 North America

8.1.1 United States

8.1.1.1 Market Trends

8.1.1.2 Market Forecast

8.1.2 Canada

8.1.2.1 Market Trends

8.1.2.2 Market Forecast

8.2 Asia-Pacific

8.2.1 China

8.2.1.1 Market Trends

8.2.1.2 Market Forecast

8.2.2 Japan

8.2.2.1 Market Trends

8.2.2.2 Market Forecast

8.2.3 India

8.2.3.1 Market Trends

8.2.3.2 Market Forecast

8.2.4 South Korea

8.2.4.1 Market Trends

- 8.2.4.2 Market Forecast
- 8.2.5 Australia
  - 8.2.5.1 Market Trends
  - 8.2.5.2 Market Forecast
- 8.2.6 Indonesia
  - 8.2.6.1 Market Trends
  - 8.2.6.2 Market Forecast
- 8.2.7 Others
  - 8.2.7.1 Market Trends
  - 8.2.7.2 Market Forecast
- 8.3 Europe
  - 8.3.1 Germany
    - 8.3.1.1 Market Trends
    - 8.3.1.2 Market Forecast
  - 8.3.2 France
    - 8.3.2.1 Market Trends
    - 8.3.2.2 Market Forecast
  - 8.3.3 United Kingdom
    - 8.3.3.1 Market Trends
    - 8.3.3.2 Market Forecast
  - 8.3.4 Italy
    - 8.3.4.1 Market Trends
    - 8.3.4.2 Market Forecast
  - 8.3.5 Spain
    - 8.3.5.1 Market Trends
    - 8.3.5.2 Market Forecast
  - 8.3.6 Russia
    - 8.3.6.1 Market Trends
    - 8.3.6.2 Market Forecast
  - 8.3.7 Others
    - 8.3.7.1 Market Trends
    - 8.3.7.2 Market Forecast
- 8.4 Latin America
  - 8.4.1 Brazil
    - 8.4.1.1 Market Trends
    - 8.4.1.2 Market Forecast
  - 8.4.2 Mexico
    - 8.4.2.1 Market Trends
    - 8.4.2.2 Market Forecast



#### 8.4.3 Others

##### 8.4.3.1 Market Trends

##### 8.4.3.2 Market Forecast

#### 8.5 Middle East and Africa

##### 8.5.1 Market Trends

##### 8.5.2 Market Breakup by Country

##### 8.5.3 Market Forecast

## **9 DRIVERS, RESTRAINTS, AND OPPORTUNITIES**

### 9.1 Overview

### 9.2 Drivers

### 9.3 Restraints

### 9.4 Opportunities

## **10 VALUE CHAIN ANALYSIS**

## **11 PORTERS FIVE FORCES ANALYSIS**

### 11.1 Overview

### 11.2 Bargaining Power of Buyers

### 11.3 Bargaining Power of Suppliers

### 11.4 Degree of Competition

### 11.5 Threat of New Entrants

### 11.6 Threat of Substitutes

## **12 PRICE ANALYSIS**

## **13 COMPETITIVE LANDSCAPE**

### 13.1 Market Structure

### 13.2 Key Players

### 13.3 Profiles of Key Players

#### 13.3.1 Bonfiglioli S.P.A

##### 13.3.1.1 Company Overview

##### 13.3.1.2 Product Portfolio

#### 13.3.2 David Brown Santasalo

##### 13.3.2.1 Company Overview

##### 13.3.2.2 Product Portfolio

- 13.3.3 Emerson Electric Co
  - 13.3.3.1 Company Overview
  - 13.3.3.2 Product Portfolio
  - 13.3.3.3 Financials
  - 13.3.3.4 SWOT Analysis
- 13.3.4 Rotork Plc
  - 13.3.4.1 Company Overview
  - 13.3.4.2 Product Portfolio
  - 13.3.4.3 Financials
  - 13.3.4.4 SWOT Analysis
- 13.3.5 SEW-EURODRIVE GmbH and Co KG
  - 13.3.5.1 Company Overview
  - 13.3.5.2 Product Portfolio
- 13.3.6 Siemens AG
  - 13.3.6.1 Company Overview
  - 13.3.6.2 Product Portfolio
  - 13.3.6.3 Financials
  - 13.3.6.4 SWOT Analysis
- 13.3.7 Sumitomo Heavy Industries Ltd.
  - 13.3.7.1 Company Overview
  - 13.3.7.2 Product Portfolio
  - 13.3.7.3 Financials
  - 13.3.7.4 SWOT Analysis
- 13.3.8 Walterscheid Powertrain Group (Comer Industries)
  - 13.3.8.1 Company Overview
  - 13.3.8.2 Product Portfolio
- 13.3.9 WEG S.A. (WEG Participações e Serviços S.A.)
  - 13.3.9.1 Company Overview
  - 13.3.9.2 Product Portfolio
  - 13.3.9.3 Financials
  - 13.3.9.4 SWOT Analysis
- 13.3.10 ZF Friedrichshafen AG (Zeppelin-Stiftung)
  - 13.3.10.1 Company Overview
  - 13.3.10.2 Product Portfolio
  - 13.3.10.3 SWOT Analysis

Kindly note that this only represents a partial list of companies, and the complete list has been provided in the report.

## List Of Tables

### LIST OF TABLES

Table 1: Global: Gear Manufacturing Market: Key Industry Highlights, 2024 & 2033

Table 2: Global: Gear Manufacturing Market Forecast: Breakup by Product (in Million USD), 2025-2033

Table 3: Global: Gear Manufacturing Market Forecast: Breakup by End User (in Million USD), 2025-2033

Table 4: Global: Gear Manufacturing Market Forecast: Breakup by Region (in Million USD), 2025-2033

Table 5: Global: Gear Manufacturing Market: Competitive Structure

Table 6: Global: Gear Manufacturing Market: Key Players

## List Of Figures

### LIST OF FIGURES

- Figure 1: Global: Gear Manufacturing Market: Major Drivers and Challenges
- Figure 2: Global: Gear Manufacturing Market: Sales Value (in Billion USD), 2019-2024
- Figure 3: Global: Gear Manufacturing Market Forecast: Sales Value (in Billion USD), 2025-2033
- Figure 4: Global: Gear Manufacturing Market: Breakup by Product (in %), 2024
- Figure 5: Global: Gear Manufacturing Market: Breakup by End-User (in %), 2024
- Figure 6: Global: Gear Manufacturing Market: Breakup by Region (in %), 2024
- Figure 7: Global: Gear Manufacturing (Worm Gear) Market: Sales Value (in Million USD), 2019 & 2024
- Figure 8: Global: Gear Manufacturing (Worm Gear) Market Forecast: Sales Value (in Million USD), 2025-2033
- Figure 9: Global: Gear Manufacturing (Bevel Gear) Market: Sales Value (in Million USD), 2019 & 2024
- Figure 10: Global: Gear Manufacturing (Bevel Gear) Market Forecast: Sales Value (in Million USD), 2025-2033
- Figure 11: Global: Gear Manufacturing (Other Products) Market: Sales Value (in Million USD), 2019 & 2024
- Figure 12: Global: Gear Manufacturing (Other Products) Market Forecast: Sales Value (in Million USD), 2025-2033
- Figure 13: Global: Gear Manufacturing (Oil and Gas industry) Market: Sales Value (in Million USD), 2019 & 2024
- Figure 14: Global: Gear Manufacturing (Oil and Gas industry) Market Forecast: Sales Value (in Million USD), 2025-2033
- Figure 15: Global: Gear Manufacturing (Power Industry) Market: Sales Value (in Million USD), 2019 & 2024
- Figure 16: Global: Gear Manufacturing (Power Industry) Market Forecast: Sales Value (in Million USD), 2025-2033
- Figure 17: Global: Gear Manufacturing (Automotive) Market: Sales Value (in Million USD), 2019 & 2024
- Figure 18: Global: Gear Manufacturing (Automotive) Market Forecast: Sales Value (in Million USD), 2025-2033
- Figure 19: Global: Gear Manufacturing (Other End Users) Market: Sales Value (in Million USD), 2019 & 2024
- Figure 20: Global: Gear Manufacturing (Other End Users) Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 21: North America: Gear Manufacturing Market: Sales Value (in Million USD), 2019 & 2024

Figure 22: North America: Gear Manufacturing Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 23: United States: Gear Manufacturing Market: Sales Value (in Million USD), 2019 & 2024

Figure 24: United States: Gear Manufacturing Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 25: Canada: Gear Manufacturing Market: Sales Value (in Million USD), 2019 & 2024

Figure 26: Canada: Gear Manufacturing Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 27: Asia-Pacific: Gear Manufacturing Market: Sales Value (in Million USD), 2019 & 2024

Figure 28: Asia-Pacific: Gear Manufacturing Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 29: China: Gear Manufacturing Market: Sales Value (in Million USD), 2019 & 2024

Figure 30: China: Gear Manufacturing Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 31: Japan: Gear Manufacturing Market: Sales Value (in Million USD), 2019 & 2024

Figure 32: Japan: Gear Manufacturing Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 33: India: Gear Manufacturing Market: Sales Value (in Million USD), 2019 & 2024

Figure 34: India: Gear Manufacturing Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 35: South Korea: Gear Manufacturing Market: Sales Value (in Million USD), 2019 & 2024

Figure 36: South Korea: Gear Manufacturing Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 37: Australia: Gear Manufacturing Market: Sales Value (in Million USD), 2019 & 2024

Figure 38: Australia: Gear Manufacturing Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 39: Indonesia: Gear Manufacturing Market: Sales Value (in Million USD), 2019 & 2024

Figure 40: Indonesia: Gear Manufacturing Market Forecast: Sales Value (in Million

USD), 2025-2033

Figure 41: Others: Gear Manufacturing Market: Sales Value (in Million USD), 2019 & 2024

Figure 42: Others: Gear Manufacturing Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 43: Europe: Gear Manufacturing Market: Sales Value (in Million USD), 2019 & 2024

Figure 44: Europe: Gear Manufacturing Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 45: Germany: Gear Manufacturing Market: Sales Value (in Million USD), 2019 & 2024

Figure 46: Germany: Gear Manufacturing Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 47: France: Gear Manufacturing Market: Sales Value (in Million USD), 2019 & 2024

Figure 48: France: Gear Manufacturing Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 49: United Kingdom: Gear Manufacturing Market: Sales Value (in Million USD), 2019 & 2024

Figure 50: United Kingdom: Gear Manufacturing Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 51: Italy: Gear Manufacturing Market: Sales Value (in Million USD), 2019 & 2024

Figure 52: Italy: Gear Manufacturing Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 53: Spain: Gear Manufacturing Market: Sales Value (in Million USD), 2019 & 2024

Figure 54: Spain: Gear Manufacturing Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 55: Russia: Gear Manufacturing Market: Sales Value (in Million USD), 2019 & 2024

Figure 56: Russia: Gear Manufacturing Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 57: Others: Gear Manufacturing Market: Sales Value (in Million USD), 2019 & 2024

Figure 58: Others: Gear Manufacturing Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 59: Latin America: Gear Manufacturing Market: Sales Value (in Million USD), 2019 & 2024

Figure 60: Latin America: Gear Manufacturing Market Forecast: Sales Value (in Million

USD), 2025-2033

Figure 61: Brazil: Gear Manufacturing Market: Sales Value (in Million USD), 2019 & 2024

Figure 62: Brazil: Gear Manufacturing Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 63: Mexico: Gear Manufacturing Market: Sales Value (in Million USD), 2019 & 2024

Figure 64: Mexico: Gear Manufacturing Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 65: Others: Gear Manufacturing Market: Sales Value (in Million USD), 2019 & 2024

Figure 66: Others: Gear Manufacturing Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 67: Middle East and Africa: Gear Manufacturing Market: Sales Value (in Million USD), 2019 & 2024

Figure 68: Middle East and Africa: Gear Manufacturing Market: Breakup by Country (in %), 2024

Figure 69: Middle East and Africa: Gear Manufacturing Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 70: Global: Gear Manufacturing Industry: Drivers, Restraints, and Opportunities

Figure 71: Global: Gear Manufacturing Industry: Value Chain Analysis

Figure 72: Global: Gear Manufacturing Industry: Porter's Five Forces Analysis

## I would like to order

Product name: Gear Manufacturing Market by Product (Worm Gear, Bevel Gear, and Others), End User (Oil and Gas industry, Power Industry, Automotive, and Others), and Region 2025-2033

Product link: <https://marketpublishers.com/r/G85777E069CCEN.html>

Price: US\$ 2,999.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G85777E069CCEN.html>