

Automotive Manufacturing Equipment Market by Equipment Type(CNC Machine, Conveyor Belt, Injection Molding Machine, Robot), Mode of Operation(Automatic, Semi-Automatic), Vehicle Type(Passenger Vehicle, Commercial Vehicle), Region - Global Forecast to 2028

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Abstracts

The market size of global market is estimated to grow from USD 6.7 billion in 2023 to USD 11.4 billion by 2028, at a CAGR of 11.1% from 2023 to 2028. The growth of the automotive manufacturing equipment market is being driven by a variety of factors. One significant factor is the increasing demand for automobiles, particularly in emerging markets, which is prompting automotive manufacturers to expand their production capabilities. Another factor is the continuous technological advancements in the industry, which have led to the development of more advanced and efficient manufacturing equipment such as robotics and automation. Furthermore, government initiatives aimed at reducing carbon emissions and improving fuel efficiency have increased the focus on electric and hybrid vehicles, which require specialized manufacturing equipment. These factors providing opportunities for companies to innovate and achieve success.

'Robot segment to hold largest share of the market during the forecast period'

The growth of the robots segment in automotive manufacturing can be attributed to a number of factors. For instance, the use of robots can significantly increase productivity by working continuously without the need for breaks, reducing downtime and improving efficiency. Additionally, robots are capable of completing tasks with precision and consistency, which lead to higher quality output and increased customer satisfaction.

Safety is another critical factor in the adoption of robots in automotive manufacturing. Robots can perform hazardous or repetitive tasks, reducing the risk of workplace injuries and improving the safety of workers. Furthermore, the ability to automate certain processes lead to cost savings and improved efficiency and allowing companies to produce higher volumes of quality products at a lower cost which ultimately translate into increased profitability and market share.

“Automatic segment is expected to grow at a significant CAGR during the forecast period”

The growth of the automatic segment in the automotive manufacturing industry is attributed to several key factors such as technological advancements in automation systems have significantly improved their reliability and efficiency compared to semi-automatic and manual systems. Furthermore, automatic systems require less human intervention, which result in a faster and more streamlined production process, which ultimately translate into cost savings and increased profitability for manufacturers. Hence, the automatic segment of automotive manufacturing equipment market is growing with significant rate.

“The market in Asia Pacific is expected to grow at an impressive CAGR during the forecast period”

Asia Pacific is one of the major regions and home to several rapidly developing economies with strong economic growth, such as China and India. Many countries in the region are investing heavily in infrastructure, including transportation networks and manufacturing facilities. This has led to an increase in demand for automotive manufacturing equipment, particularly for modernized factories and production lines. Furthermore, the region is experiencing a growing demand for electric and hybrid vehicles, leading to an increase in investment in specialized manufacturing equipment and processes for the production of batteries and other components. This has resulted in an increased demand for automobiles and related equipment and driving the growth of the automotive manufacturing equipment market in the region.

Breakdown of the profiles of primary participants:

By Company Type: Tier 1 - 35%, Tier 2 - 30%, and Tier 3 - 35%

By Designation: C-level Executives - 45%, Managers - 35%, and Others - 20%

By Region: North America - 35%, Europe - 30%, Asia Pacific – 25%, and RoW - 10%

Major players profiled in this report are as follows: ABB (Switzerland), FANUC CORPORATION (Japan), KUKA AG (Germany), Yaskawa Electric Corporation (Japan), and Kawasaki Heavy Industries, Ltd (US), AMADA CO., LTD. (Japan), AIDA ENGINEERING, LTD. (Japan), D?rr Group (Germany), Schuler Group (Germany), TRUMPF (Germany), Universal Robots (Denmark), Daifuku Co., Ltd. (Japan), Yamazaki Mazak Corporation (Japan) and others.

Research Coverage

In this report, the automotive manufacturing equipment market has been segmented based on equipment type, mode of operation, vehicle type, and region. The automotive manufacturing equipment market based on equipment type has been segmented into CNC machine, conveyor belt, injection molding machine, robot, stamping machine and welding machine. Based on mode of operation, the market has been segmented into automatic and semi-automatic. Based on vehicle type, the market has been segmented into passenger vehicle and commercial vehicle. The study also forecasts the size of the market in four main regions—North America, Europe, Asia Pacific, and RoW.

Key Benefits of Buying the Report:

The report provides insights on the following pointers:

Analysis of key drivers (increased sales of electric and hybrid vehicles, skilled labor shortage in manufacturing industries around the world, and growing adoption of industry 4.0 in automotive industry), restraints (high initial cost and installation for SMEs and limited flexibility and high maintenance cost of automotive manufacturing equipment), opportunities (increasing demand for machine learning and artificial intelligence-based systems in automotive industry and rapid automotive manufacturing growth in emerging economies) and challenges (vulnerability of industrial manufacturing systems to cyberattacks and interoperability and integration issues) influencing the growth of the automotive manufacturing equipment market.

Product Development/Innovation: Detailed insights on new product launches, technologies, research & development activities, and industry partnerships in the

automotive manufacturing equipment market.

Market Development: Comprehensive information about lucrative markets – the report analyses the automotive manufacturing equipment market across regions such as North America, Europe, Asia Pacific, Middle East & Africa, and South America.

Market Diversification: Exhaustive information about new products & technologies, untapped geographies, and recent developments in the automotive manufacturing equipment market.

Competitive Assessment: In-depth assessment of market ranking/market share, growth strategies, and product offerings of leading players like ABB (Switzerland), FANUC CORPORATION (Japan), KUKA AG (Germany), Yaskawa Electric Corporation (Japan), and Kawasaki Heavy Industries, Ltd (Japan), among others in the automotive manufacturing equipment market.

Strategies: The report also helps stakeholders understand the pulse of the automotive manufacturing equipment market and provides them information on key market drivers, restraints, challenges, and opportunities.

Contents

1 INTRODUCTION

1.1 STUDY OBJECTIVES

1.2 DEFINITION AND SCOPE

1.2.1 INCLUSIONS AND EXCLUSIONS

1.3 STUDY SCOPE

1.3.1 MARKETS COVERED

FIGURE 1 AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET SEGMENTATION

1.3.2 GEOGRAPHIC SCOPE

1.3.3 YEARS CONSIDERED

1.4 CURRENCY CONSIDERED

1.5 LIMITATIONS

1.6 STAKEHOLDERS

1.7 RECESSION IMPACT

2 RESEARCH METHODOLOGY

2.1 RESEARCH DATA

FIGURE 2 AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET: RESEARCH DESIGN

2.1.1 SECONDARY AND PRIMARY RESEARCH

FIGURE 3 AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET: RESEARCH APPROACH

2.1.2 SECONDARY DATA

2.1.2.1 Key secondary sources

2.1.2.2 Key data from secondary sources

2.1.3 PRIMARY DATA

2.1.3.1 Primary interviews with experts

2.1.3.2 Key data from primary sources

2.1.3.3 Key industry insights

2.1.3.4 Breakdown of primary interviews

2.2 MARKET SIZE ESTIMATION

2.2.1 BOTTOM-UP APPROACH

2.2.1.1 Approach to determine market size using bottom-up analysis

FIGURE 4 AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET: BOTTOM-UP APPROACH

2.2.2 TOP-DOWN APPROACH

2.2.2.1 Approach to determine market size using top-down analysis

FIGURE 5 AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET: TOP-DOWN APPROACH

FIGURE 6 MARKET SIZE ESTIMATION METHODOLOGY THROUGH SUPPLY-SIDE ANALYSIS

2.3 DATA TRIANGULATION

FIGURE 7 DATA TRIANGULATION

2.4 RESEARCH ASSUMPTIONS

FIGURE 8 AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET: RESEARCH ASSUMPTIONS

2.5 PARAMETERS CONSIDERED TO STUDY RECESSION IMPACT ON AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET

2.6 RISK ASSESSMENT

TABLE 1 AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET: RISK ASSESSMENT

3 EXECUTIVE SUMMARY

FIGURE 9 ROBOTS TO HOLD LARGEST MARKET SHARE AMONG ALL AUTOMOTIVE MANUFACTURING EQUIPMENT TYPES IN 2028

FIGURE 10 AUTOMATIC MODE OF OPERATION TO DOMINATE AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET IN 2028

FIGURE 11 AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY VEHICLE TYPE, 2023 VS. 2028

FIGURE 12 AUTOMOTIVE MANUFACTURING EQUIPMENT IN ASIA PACIFIC TO GROW AT HIGHEST CAGR DURING FORECAST PERIOD

4 PREMIUM INSIGHTS

4.1 ATTRACTIVE GROWTH OPPORTUNITIES FOR PLAYERS IN AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET

FIGURE 13 INCREASING ADOPTION OF AUTOMATION TECHNOLOGIES TO CREATE LUCRATIVE OPPORTUNITIES FOR PLAYERS IN AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET

4.2 AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY EQUIPMENT TYPE

FIGURE 14 ROBOTS TO CAPTURE LARGEST SHARE OF AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET IN 2028

4.3 AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY MODE OF OPERATION

FIGURE 15 AUTOMATIC SEGMENT TO EXHIBIT HIGHER CAGR IN AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET DURING FORECAST PERIOD

4.4 AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY VEHICLE TYPE

FIGURE 16 PASSENGER VEHICLES SEGMENT TO HOLD LARGER SHARE OF AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET BETWEEN 2023 AND 2028

4.5 AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY COUNTRY

FIGURE 17 INDIA TO RECORD HIGHEST CAGR IN GLOBAL AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET FROM 2023 TO 2028

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 MARKET DYNAMICS

FIGURE 18 AUTOMOTIVE MANUFACTURING EQUIPMENT: DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES

5.2.1 DRIVERS

5.2.1.1 Elevated sales of electric and hybrid vehicles globally

FIGURE 19 GLOBAL SALES OF BATTERY ELECTRIC VEHICLES (BEVS) AND PLUG-IN HYBRID ELECTRIC VEHICLES (PHEVS) IN 2022

5.2.1.2 Increased use of automation by OEMs in developed countries to boost cost efficiency

5.2.1.3 High adoption of Industry 4.0 by automakers

FIGURE 20 AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET: IMPACT ANALYSIS OF DRIVERS

5.2.2 RESTRAINTS

5.2.2.1 High installation and ownership costs for SMEs

FIGURE 21 AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET: IMPACT ANALYSIS OF RESTRAINTS

5.2.3 OPPORTUNITIES

5.2.3.1 Increasing demand for ML and AI by automobile companies

5.2.3.2 Thriving automotive sector in emerging economies

FIGURE 22 AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET: IMPACT ANALYSIS OF OPPORTUNITIES

5.2.4 CHALLENGES

5.2.4.1 Vulnerability of industrial manufacturing systems to cyberattacks

5.2.4.2 Interoperability and integration-related issues

FIGURE 23 AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET: IMPACT

ANALYSIS OF CHALLENGES

5.3 VALUE CHAIN ANALYSIS

FIGURE 24 VALUE CHAIN ANALYSIS

5.4 ECOSYSTEM ANALYSIS

FIGURE 25 AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET: ECOSYSTEM ANALYSIS

TABLE 2 AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET: ECOSYSTEM

5.5 PRICING ANALYSIS

TABLE 3 INDICATIVE PRICES OF ROBOTS

TABLE 4 INDICATIVE PRICES OF WELDING MACHINES

5.5.1 AVERAGE SELLING PRICE OF AUTOMOTIVE MANUFACTURING EQUIPMENT OFFERED BY TOP 3 PLAYERS

FIGURE 26 AVERAGE SELLING PRICE OF AUTOMOTIVE MANUFACTURING EQUIPMENT OFFERED BY TOP 3 PLAYERS

TABLE 5 AVERAGE SELLING PRICE OF KEY PLAYERS, BY PRODUCT (USD)

TABLE 6 AVERAGE SELLING PRICE OF AUTOMOTIVE MANUFACTURING EQUIPMENT (USD)

TABLE 7 AVERAGE SELLING PRICE OF ROBOTS, BY REGION (USD)

5.6 TRENDS/DISRUPTIONS IMPACTING CUSTOMER BUSINESS

FIGURE 27 REVENUE SHIFT AND NEW REVENUE POCKETS FOR PLAYERS IN AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET

5.7 TECHNOLOGY ANALYSIS

5.7.1 3D VISION SYSTEMS AND 3D SCANNERS

5.7.2 INDUSTRIAL INTERNET OF THINGS AND AI

5.7.3 ROBOTIC VISION

5.7.4 5G

5.7.5 SAFETY SENSOR-ENABLED INDUSTRIAL ROBOTS

5.8 PORTER'S FIVE FORCES ANALYSIS

FIGURE 28 AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET: PORTER'S FIVE FORCES ANALYSIS

5.8.1 THREAT OF NEW ENTRANTS

5.8.2 THREAT OF SUBSTITUTES

5.8.3 BARGAINING POWER OF SUPPLIERS

5.8.4 BARGAINING POWER OF BUYERS

5.8.5 INTENSITY OF COMPETITIVE RIVALRY

5.9 KEY STAKEHOLDERS AND BUYING CRITERIA

5.9.1 KEY STAKEHOLDERS IN BUYING PROCESS

FIGURE 29 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS

TABLE 8 SHARE OF EACH STAKEHOLDER IN BUYING PROCESS

5.9.2 BUYING CRITERIA

FIGURE 30 KEY BUYING CRITERIA FOR DIFFERENT PARTICIPANTS

TABLE 9 KEY BUYING CRITERIA FOR DIFFERENT PARTICIPANTS

5.10 CASE STUDIES

TABLE 10 G-TEKT ADOPTED ABB'S ROBOTIC SOLUTIONS TO HANDLE HEAVY AUTOMOTIVE COMPONENTS

TABLE 11 BEIJING AUTOMOTIVE INDUSTRY HOLDING CO. LTD. (BAIC) IMPLEMENTED ABB'S ROBOTS TO INCREASE PRODUCTION OF ELECTRIC CARS

TABLE 12 JTEKT INTEGRATED FANUC'S ROBOTS INTO ITS PRODUCTION LINE TO INCREASE PLANT EFFICIENCY AND PRODUCTIVITY

TABLE 13 SEEGER PRECISION PARTS LTD. DEPLOYED FANUC'S CNC MACHINES TO MANUFACTURE DIVERSE RANGE OF AUTOMOBILE PARTS

TABLE 14 P.M.C. INSTALLED KUKA AG'S MODULAR ROBOT CELLS FOR WELDING APPLICATIONS

5.11 TRADE ANALYSIS

FIGURE 31 IMPORT DATA, BY COUNTRY, 2017–2021 (USD MILLION)

FIGURE 32 EXPORT DATA, BY COUNTRY, 2017–2021 (USD MILLION)

5.12 PATENT ANALYSIS

FIGURE 33 TOP 10 COMPANIES WITH HIGHEST NUMBER OF PATENT APPLICATIONS IN LAST 10 YEARS

TABLE 15 TOP 20 PATENT OWNERS IN LAST 10 YEARS

FIGURE 34 NUMBER OF PATENTS GRANTED FROM 2013 TO 2022

TABLE 16 KEY PATENTS ACHIEVED BY PLAYERS IN AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, 2020–2022

5.13 KEY CONFERENCES AND EVENTS, 2023–2024

TABLE 17 AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET: MAJOR CONFERENCES AND EVENTS

5.14 REGULATIONS AND STANDARDS

5.14.1 REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 18 NORTH AMERICA: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 19 EUROPE: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 20 ASIA PACIFIC: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 21 REST OF THE WORLD: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

5.14.2 STANDARDS

TABLE 22 STANDARDS FOR AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET

6 AUTOMOTIVE MANUFACTURING MARKET, BY EQUIPMENT TYPE

6.1 INTRODUCTION

FIGURE 35 AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY EQUIPMENT TYPE

FIGURE 36 ROBOTS TO LEAD AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET DURING FORECAST PERIOD

TABLE 23 AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY EQUIPMENT TYPE, 2019–2022 (USD MILLION)

TABLE 24 AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY EQUIPMENT TYPE, 2023–2028 (USD MILLION)

6.2 CNC MACHINES

6.2.1 ABILITY OF CNC MACHINES TO PRODUCE HIGHLY PRECISE AND CUSTOM-DESIGNED AUTOMOBILE PARTS TO FUEL DEMAND

TABLE 25 CNC MACHINES: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY REGION, 2019–2022 (USD MILLION)

TABLE 26 CNC MACHINES: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY REGION, 2023–2028 (USD MILLION)

TABLE 27 CNC MACHINES: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY MODE OF OPERATION, 2019–2022 (USD MILLION)

TABLE 28 CNC MACHINES: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY MODE OF OPERATION, 2023–2028 (USD MILLION)

6.3 CONVEYOR BELTS

6.3.1 INCREASING USE OF CONVEYOR BELTS TO IMPROVE EFFICIENCY, REDUCE LABOR COSTS, AND INCREASE PRODUCTION CAPACITY TO DRIVE MARKET

TABLE 29 CONVEYOR BELTS: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY REGION, 2019–2022 (USD MILLION)

TABLE 30 CONVEYOR BELTS: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY REGION, 2023–2028 (USD MILLION)

TABLE 31 CONVEYOR BELTS: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY MODE OF OPERATION, 2019–2022 (USD MILLION)

TABLE 32 CONVEYOR BELTS: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY MODE OF OPERATION, 2023–2028 (USD MILLION)

6.4 INJECTION MOLDING MACHINES

6.4.1 GROWING ADOPTION OF INJECTION MOLDING MACHINES TO PRODUCE HIGHLY PRECISE PLASTIC PARTS AND COMPONENTS TO BOOST MARKET
TABLE 33 INJECTION MOLDING MACHINES: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY REGION, 2019–2022 (USD MILLION)

TABLE 34 INJECTION MOLDING MACHINES: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY REGION, 2023–2028 (USD MILLION)

TABLE 35 INJECTION MOLDING MACHINES: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY MODE OF OPERATION, 2019–2022 (USD MILLION)

TABLE 36 INJECTION MOLDING MACHINES: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY MODE OF OPERATION, 2023–2028 (USD MILLION)

6.5 ROBOTS

6.5.1 INCREASING DEPLOYMENT OF ROBOTS TO PERFORM REPETITIVE AND COMPLEX TASKS WITH HIGH PRECISION AND SPEED TO ACCELERATE GROWTH

TABLE 37 ROBOTS: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY REGION, 2019–2022 (USD MILLION)

TABLE 38 ROBOTS: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY REGION, 2023–2028 (USD MILLION)

6.5.2 ASSEMBLY ROBOTS

6.5.2.1 Growing focus on smart manufacturing to drive market

6.5.3 PAINTING ROBOTS

6.5.3.1 Thriving automotive sector to boost demand for painting robots

6.5.4 WELDING ROBOTS

6.5.4.1 Agile manufacturing environment in automotive industry to drive need for welding robots

6.6 STAMPING MACHINES

6.6.1 GROWING DEMAND FOR COST-EFFECTIVE AND EFFICIENT MANUFACTURING PROCESSES TO CREATE NEED FOR STAMPING MACHINES
TABLE 39 STAMPING MACHINES: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY REGION, 2019–2022 (USD MILLION)

TABLE 40 STAMPING MACHINES: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY REGION, 2023–2028 (USD MILLION)

6.7 WELDING MACHINES

6.7.1 ADOPTION OF WELDING MACHINES TO MANUFACTURE ESSENTIAL AUTOMOBILE COMPONENTS WITH HIGH PRECISION TO PROPEL GROWTH
TABLE 41 WELDING MACHINES: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY REGION, 2019–2022 (USD MILLION)

TABLE 42 WELDING MACHINES: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY REGION, 2023–2028 (USD MILLION)

7 AUTOMOTIVE MACHINE EQUIPMENT MARKET, BY MODE OF OPERATION

7.1 INTRODUCTION

FIGURE 37 AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY MODE OF OPERATION

FIGURE 38 AUTOMATIC SEGMENT TO DOMINATE AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET THROUGHOUT FORECAST PERIOD

TABLE 43 AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY MODE OF OPERATION, 2019–2022 (USD MILLION)

TABLE 44 AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY MODE OF OPERATION, 2023–2028 (USD MILLION)

7.2 AUTOMATIC

7.2.1 INCREASING USE OF AUTOMATIC EQUIPMENT TO ENHANCE PRODUCTION EFFICIENCY AND REDUCE OPERATIONAL COST

TABLE 45 AUTOMATIC: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY EQUIPMENT TYPE, 2019–2022 (USD MILLION)

TABLE 46 AUTOMATIC: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY EQUIPMENT TYPE, 2023–2028 (USD MILLION)

7.3 SEMIAUTOMATIC

7.3.1 RISING ADOPTION OF SEMIAUTOMATIC EQUIPMENT DUE TO THEIR EASE OF USE AND AFFORDABILITY

TABLE 47 SEMIAUTOMATIC: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY EQUIPMENT TYPE, 2019–2022 (USD MILLION)

TABLE 48 SEMIAUTOMATIC: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY EQUIPMENT TYPE, 2023–2028 (USD MILLION)

8 AUTOMOTIVE MANUFACTURING MARKET, BY VEHICLE TYPE

8.1 INTRODUCTION

FIGURE 39 AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY VEHICLE TYPE

FIGURE 40 COMMERCIAL VEHICLES SEGMENT TO COMMAND AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET THROUGHOUT FORECAST PERIOD

TABLE 49 AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY VEHICLE TYPE, 2019–2022 (USD MILLION)

TABLE 50 AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY VEHICLE TYPE, 2023–2028 (USD MILLION)

8.2 PASSENGER VEHICLES

8.2.1 RISING INCOME LEVELS AND TECHNOLOGICAL ADVANCEMENTS TO STIMULATE SEGMENTAL GROWTH

TABLE 51 PASSENGER VEHICLES: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY REGION, 2019–2022 (USD MILLION)

TABLE 52 PASSENGER VEHICLES: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY REGION, 2023–2028 (USD MILLION)

8.3 COMMERCIAL VEHICLES

8.3.1 INCREASING USE OF COMMERCIAL VEHICLES IN LOGISTICS AND CONSTRUCTION APPLICATIONS TO FUEL SEGMENTAL GROWTH

TABLE 53 COMMERCIAL VEHICLES: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY REGION, 2019–2022 (USD MILLION)

TABLE 54 COMMERCIAL VEHICLES: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY REGION, 2023–2028 (USD MILLION)

9 AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY REGION

9.1 INTRODUCTION

FIGURE 41 AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY REGION

FIGURE 42 AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY REGION

TABLE 55 AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY REGION, 2019–2022 (USD MILLION)

TABLE 56 AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY REGION, 2023–2028 (USD MILLION)

9.2 NORTH AMERICA

9.2.1 IMPACT OF RECESSION ON MARKET IN NORTH AMERICA

FIGURE 43 NORTH AMERICA: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET SNAPSHOT

TABLE 57 NORTH AMERICA: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY COUNTRY, 2019–2022 (USD MILLION)

TABLE 58 NORTH AMERICA: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY COUNTRY, 2023–2028 (USD MILLION)

TABLE 59 NORTH AMERICA: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY EQUIPMENT TYPE, 2019–2022 (USD MILLION)

TABLE 60 NORTH AMERICA: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY EQUIPMENT TYPE, 2023–2028 (USD MILLION)

TABLE 61 NORTH AMERICA: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY VEHICLE TYPE, 2019–2022 (USD MILLION)

TABLE 62 NORTH AMERICA: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY VEHICLE TYPE, 2023–2028 (USD MILLION)

9.2.2 US

9.2.2.1 Investments in building EV charging infrastructure to fuel market

TABLE 63 US: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY EQUIPMENT TYPE, 2019–2022 (USD MILLION)

TABLE 64 US: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY EQUIPMENT TYPE, 2023–2028 (USD MILLION)

TABLE 65 US: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY VEHICLE TYPE, 2019–2022 (USD MILLION)

TABLE 66 US: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY VEHICLE TYPE, 2023–2028 (USD MILLION)

9.2.3 CANADA

9.2.3.1 Attractive destination for automotive investors owing to lowest tax rates to drive market

TABLE 67 CANADA: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY EQUIPMENT TYPE, 2019–2022 (USD MILLION)

TABLE 68 CANADA: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY EQUIPMENT TYPE, 2023–2028 (USD MILLION)

TABLE 69 CANADA: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY VEHICLE TYPE, 2019–2022 (USD MILLION)

TABLE 70 CANADA: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY VEHICLE TYPE, 2023–2028 (USD MILLION)

9.2.4 MEXICO

9.2.4.1 Investments by automotive manufacturers to increase demand for automotive manufacturing equipment

TABLE 71 MEXICO: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY EQUIPMENT TYPE, 2019–2022 (USD MILLION)

TABLE 72 MEXICO: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY EQUIPMENT TYPE, 2023–2028 (USD MILLION)

TABLE 73 MEXICO: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY VEHICLE TYPE, 2019–2022 (USD MILLION)

TABLE 74 MEXICO: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY VEHICLE TYPE, 2023–2028 (USD MILLION)

9.3 EUROPE

9.3.1 IMPACT OF RECESSION ON MARKET IN EUROPE

FIGURE 44 EUROPE: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET SNAPSHOT

TABLE 75 EUROPE: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY COUNTRY, 2019–2022 (USD MILLION)

TABLE 76 EUROPE: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY

COUNTRY, 2023–2028 (USD MILLION)

TABLE 77 EUROPE: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY EQUIPMENT TYPE, 2019–2022 (USD MILLION)

TABLE 78 EUROPE: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY EQUIPMENT TYPE, 2023–2028 (USD MILLION)

TABLE 79 EUROPE: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY VEHICLE TYPE, 2019–2022 (USD MILLION)

TABLE 80 EUROPE: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY VEHICLE TYPE, 2023–2028 (USD MILLION)

9.3.2 GERMANY

9.3.2.1 Thriving automotive sector to accelerate market growth

TABLE 81 GERMANY: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY EQUIPMENT TYPE, 2019–2022 (USD MILLION)

TABLE 82 GERMANY: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY EQUIPMENT TYPE, 2023–2028 (USD MILLION)

TABLE 83 GERMANY: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY VEHICLE TYPE, 2019–2022 (USD MILLION)

TABLE 84 GERMANY: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY VEHICLE TYPE, 2023–2028 (USD MILLION)

9.3.3 FRANCE

9.3.3.1 Government incentives for EVs and PHEVs to support market growth

9.3.4 UK

9.3.4.1 Significant presence of sports car and commercial vehicle manufacturers to push demand for automotive manufacturing equipment

TABLE 85 UK: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY EQUIPMENT TYPE, 2019–2022 (USD MILLION)

TABLE 86 UK: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY EQUIPMENT TYPE, 2023–2028 (USD MILLION)

TABLE 87 UK: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY VEHICLE TYPE, 2019–2022 (USD MILLION)

TABLE 88 UK: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY VEHICLE TYPE, 2023–2028 (USD MILLION)

9.3.5 REST OF EUROPE

9.4 ASIA PACIFIC

9.4.1 IMPACT OF RECESSION ON MARKET IN ASIA PACIFIC

FIGURE 45 ASIA PACIFIC: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET SNAPSHOT

TABLE 89 ASIA PACIFIC: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY COUNTRY, 2019–2022 (USD MILLION)

TABLE 90 ASIA PACIFIC: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY COUNTRY, 2023–2028 (USD MILLION)

TABLE 91 ASIA PACIFIC: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY EQUIPMENT TYPE, 2019–2022 (USD MILLION)

TABLE 92 ASIA PACIFIC: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY EQUIPMENT TYPE, 2023–2028 (USD MILLION)

TABLE 93 ASIA PACIFIC: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY VEHICLE TYPE, 2019–2022 (USD MILLION)

TABLE 94 ASIA PACIFIC: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY VEHICLE TYPE, 2023–2028 (USD MILLION)

9.4.2 CHINA

9.4.2.1 Growth of automotive industries expected to drive market

TABLE 95 CHINA: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY EQUIPMENT TYPE, 2019–2022 (USD MILLION)

TABLE 96 CHINA: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY EQUIPMENT TYPE, 2023–2028 (USD MILLION)

TABLE 97 CHINA: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY VEHICLE TYPE, 2019–2022 (USD MILLION)

TABLE 98 CHINA: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY VEHICLE TYPE, 2023–2028 (USD MILLION)

9.4.3 JAPAN

9.4.3.1 Rising adoption of automation to increase speed and precision in manufacturing high-quality cars to stimulate market

TABLE 99 JAPAN: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY EQUIPMENT TYPE, 2019–2022 (USD MILLION)

TABLE 100 JAPAN: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY EQUIPMENT TYPE, 2023–2028 (USD MILLION)

TABLE 101 JAPAN: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY VEHICLE TYPE, 2019–2022 (USD MILLION)

TABLE 102 JAPAN: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY VEHICLE TYPE, 2023–2028 (USD MILLION)

9.4.4 INDIA

9.4.4.1 Significant investment by automakers to produce new passenger car and EV models to propel market

TABLE 103 INDIA: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY EQUIPMENT TYPE, 2019–2022 (USD MILLION)

TABLE 104 INDIA: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY EQUIPMENT TYPE, 2023–2028 (USD MILLION)

TABLE 105 INDIA: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY

VEHICLE TYPE, 2019–2022 (USD MILLION)

TABLE 106 INDIA: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY VEHICLE TYPE, 2023–2028 (USD MILLION)

9.4.5 SOUTH KOREA

9.4.5.1 Significant deployment of robots in automobile manufacturing plants to foster market growth

TABLE 107 SOUTH KOREA: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY EQUIPMENT TYPE, 2019–2022 (USD MILLION)

TABLE 108 SOUTH KOREA: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY EQUIPMENT TYPE, 2023–2028 (USD MILLION)

TABLE 109 SOUTH KOREA: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY VEHICLE TYPE, 2019–2022 (USD MILLION)

TABLE 110 SOUTH KOREA: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY VEHICLE TYPE, 2023–2028 (USD MILLION)

9.4.6 REST OF ASIA PACIFIC

9.5 ROW

9.5.1 IMPACT OF RECESSION ON MARKET IN ROW

FIGURE 46 SOUTH AMERICA TO WITNESS HIGHER CAGR IN AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET IN ROW DURING FORECAST PERIOD

TABLE 111 ROW: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY REGION, 2019–2022 (USD MILLION)

TABLE 112 ROW: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY REGION, 2023–2028 (USD MILLION)

TABLE 113 ROW: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY EQUIPMENT TYPE, 2019–2022 (USD MILLION)

TABLE 114 ROW: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY EQUIPMENT TYPE, 2023–2028 (USD MILLION)

TABLE 115 ROW: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY VEHICLE TYPE, 2019–2022 (USD MILLION)

TABLE 116 ROW: AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET, BY VEHICLE TYPE, 2023–2028 (USD MILLION)

9.5.2 MIDDLE EAST & AFRICA

9.5.2.1 Faster infrastructure and technological advancements to boost requirement for automotive manufacturing equipment

9.5.3 SOUTH AMERICAN

9.5.3.1 Government initiatives and high investments from giant automakers to support market growth

10 COMPETITIVE LANDSCAPE

10.1 INTRODUCTION

10.2 STRATEGIES ADOPTED BY KEY PLAYERS/RIGHT TO WIN

TABLE 117 OVERVIEW OF STRATEGIES ADOPTED BY KEY PLAYERS IN AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET

10.3 REVENUE ANALYSIS OF TOP PLAYERS IN AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET

FIGURE 47 FIVE-YEAR REVENUE ANALYSIS OF TOP PLAYERS IN AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET

10.4 MARKET SHARE ANALYSIS, 2022

TABLE 118 AUTOMOTIVE ROBOT MARKET: MARKET SHARE OF KEY PLAYERS

FIGURE 48 MARKET SHARE ANALYSIS: AUTOMOTIVE ROBOT MARKET, 2022

10.5 COMPANY EVALUATION QUADRANT

10.5.1 STARS

10.5.2 PERVASIVE PLAYERS

10.5.3 EMERGING LEADERS

10.5.4 PARTICIPANTS

FIGURE 49 AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET (GLOBAL): COMPANY EVALUATION QUADRANT, 2022

10.6 COMPANY FOOTPRINT

TABLE 119 AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET: COMPANY FOOTPRINT

TABLE 120 EQUIPMENT TYPE: COMPANY FOOTPRINT

TABLE 121 VEHICLE TYPE: COMPANY FOOTPRINT

TABLE 122 REGION: COMPANY FOOTPRINT

10.7 STARTUPS/SMES EVALUATION QUADRANT

10.7.1 PROGRESSIVE COMPANIES

10.7.2 RESPONSIVE COMPANIES

10.7.3 DYNAMIC COMPANIES

10.7.4 STARTING BLOCKS

FIGURE 50 AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET (GLOBAL): STARTUPS/SMES EVALUATION QUADRANT, 2022

10.8 COMPETITIVE BENCHMARKING

TABLE 123 AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET: KEY STARTUPS/SMES

TABLE 124 AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET: COMPETITIVE BENCHMARKING OF KEY STARTUPS/SMES

10.9 COMPETITIVE SCENARIOS AND TRENDS

10.9.1 PRODUCT LAUNCHES AND DEVELOPMENTS

TABLE 125 AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET: PRODUCT LAUNCHES AND DEVELOPMENTS, FEBRUARY 2020 TO MARCH 2023

10.9.2 DEALS

TABLE 126 AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET: DEALS, FEBRUARY 2020 TO MARCH 2023

10.9.3 OTHERS

TABLE 127 AUTOMOTIVE MANUFACTURING EQUIPMENT MARKET: OTHERS, FEBRUARY 2020 TO MARCH 2023

11 COMPANY PROFILES

11.1 KEY PLAYERS

(Business Overview, Products Offered, Recent Developments, and MnM View)*

11.1.1 ABB

TABLE 128 ABB: BUSINESS OVERVIEW

FIGURE 51 ABB: COMPANY SNAPSHOT

TABLE 129 ABB: PRODUCTS OFFERED

TABLE 130 ABB: PRODUCT LAUNCHES

TABLE 131 ABB: DEALS

TABLE 132 ABB: OTHERS

11.1.2 AMADA CO., LTD.

TABLE 133 AMADA CO., LTD.: COMPANY OVERVIEW

FIGURE 52 AMADA CO., LTD.: COMPANY SNAPSHOT

TABLE 134 AMADA CO., LTD.: PRODUCTS OFFERED

TABLE 135 AMADA CO., LTD.: PRODUCT LAUNCHES

11.1.3 AIDA ENGINEERING, LTD.

TABLE 136 AIDA ENGINEERING, LTD.: COMPANY OVERVIEW

FIGURE 53 AIDA ENGINEERING, LTD.: COMPANY SNAPSHOT

TABLE 137 AIDA ENGINEERING, LTD.: PRODUCTS OFFERED

11.1.4 D?RR GROUP

TABLE 138 D?RR GROUP: COMPANY OVERVIEW

FIGURE 54 D?RR GROUP: COMPANY SNAPSHOT

TABLE 139 D?RR GROUP: PRODUCTS OFFERED

TABLE 140 D?RR GROUP: DEALS

TABLE 141 D?RR GROUP: OTHERS

11.1.5 FANUC CORPORATION

TABLE 142 FANUC CORPORATION: BUSINESS OVERVIEW

FIGURE 55 FANUC CORPORATION: COMPANY SNAPSHOT

TABLE 143 FANUC CORPORATION: PRODUCTS OFFERED

TABLE 144 FANUC CORPORATION: PRODUCT LAUNCHES**11.1.6 KUKA AG****TABLE 145 KUKA AG: COMPANY OVERVIEW****FIGURE 56 KUKA AG: COMPANY SNAPSHOT****TABLE 146 KUKA AG: PRODUCTS OFFERED****TABLE 147 KUKA AG: PRODUCT LAUNCHES****TABLE 148 KUKA AG: DEALS****11.1.7 SCHULER GROUP****TABLE 149 SCHULER GROUP: COMPANY OVERVIEW****TABLE 150 SCHULER GROUP: PRODUCTS OFFERED****TABLE 151 SCHULER GROUP: DEALS****11.1.8 TRUMPF****TABLE 152 TRUMPF: COMPANY OVERVIEW****FIGURE 57 TRUMPF: COMPANY SNAPSHOT****TABLE 153 TRUMPF: PRODUCTS OFFERED****TABLE 154 TRUMPF: OTHERS****11.1.9 UNIVERSAL ROBOTS****TABLE 155 UNIVERSAL ROBOTS: COMPANY OVERVIEW****TABLE 156 UNIVERSAL ROBOTS: PRODUCTS OFFERED****TABLE 157 UNIVERSAL ROBOTS: DEALS****11.1.10 YASKAWA ELECTRIC CORPORATION****TABLE 158 YASKAWA ELECTRIC CORPORATION: COMPANY OVERVIEW****FIGURE 58 YASKAWA ELECTRIC CORPORATION: COMPANY SNAPSHOT****TABLE 159 YASKAWA ELECTRIC CORPORATION: PRODUCTS OFFERED****TABLE 160 YASKAWA ELECTRIC CORPORATION: PRODUCT LAUNCHES****TABLE 161 YASKAWA ELECTRIC CORPORATION: DEALS****TABLE 162 YASKAWA ELECTRIC CORPORATION: OTHERS**

* Business Overview, Products Offered, Recent Developments, and MnM View might not be captured in case of unlisted companies.

11.2 OTHER KEY PLAYERS**11.2.1 KAWASAKI HEAVY INDUSTRIES, LTD.****11.2.2 DAIFUKU CO., LTD.****11.2.3 ENGEL AUSTRIA GMBH****11.2.4 YAMAZAKI MAZAK CORPORATION****11.2.5 HAAS AUTOMATION, INC.****11.2.6 OKUMA CORPORATION****11.2.7 OMRON CORPORATION****11.2.8 COMAU S.P.A.****11.2.9 HD HYUNDAI ROBOTICS**

11.2.10 MAKINO MILLING MACHINE CO., LTD.

11.3 OTHER PLAYERS

11.3.1 SHIBAURA MACHINE CO., LTD.

11.3.2 MILACRON LLC

11.3.3 ARBURG GMBH + CO KG

11.3.4 SIASUN ROBOT & AUTOMATION CO., LTD.

11.3.5 KENMODE, INC.

11.3.6 ESTUN AUTOMATION CO., LTD.

11.3.7 DATRON CNC MILLING MACHINES

11.3.8 HURCO COMPANIES, INC.

11.3.9 SHUTTLEWORTH LLC

11.3.10 OCS OVERHEAD CONVEYOR SYSTEM AB

12 ADJACENT AND RELATED MARKETS

12.1 INTRODUCTION

12.2 STUDY LIMITATIONS

12.3 AUTOMOTIVE SEMICONDUCTOR MARKET, BY FUEL TYPE

12.3.1 INTRODUCTION

TABLE 163 AUTOMOTIVE SEMICONDUCTOR MARKET, BY FUEL TYPE, 2019–2021
(USD MILLION)

TABLE 164 AUTOMOTIVE SEMICONDUCTOR MARKET, BY FUEL TYPE, 2022–2027
(USD MILLION)

TABLE 165 AUTOMOTIVE SEMICONDUCTOR MARKET, BY FUEL TYPE, 2019–2021
(THOUSAND UNITS)

TABLE 166 AUTOMOTIVE SEMICONDUCTOR MARKET, BY FUEL TYPE, 2022–2027
(THOUSAND UNITS)

12.4 GASOLINE

12.4.1 USE OF GASOLINE IN PASSENGER CARS DUE TO ITS LESS HARMFUL
EMISSIONS TO DRIVE MARKET

12.5 DIESEL

12.5.1 RELIANCE OF OVER 90% OF COMMERCIAL TRUCKS AND MORE THAN
70% OF TRANSIT BUSES ON DIESEL TO SUPPORT MARKET GROWTH

12.6 ELECTRIC

12.6.1 INCLINATION TOWARD CUTTING OIL USE AND REDUCING CARBON
EMISSIONS TO STIMULATE DEMAND FOR BATTERY ELECTRIC VEHICLES

TABLE 167 MAJOR EV FLEET TARGETS OF VARIOUS COMPANIES

TABLE 168 ELECTRIC CAR PERFORMANCE COMPARISON

12.6.2 HYBRID ELECTRIC VEHICLE (HEV)

- 12.6.3 PLUG-IN HYBRID ELECTRIC VEHICLE (PHEV)
- 12.6.4 BATTERY ELECTRIC VEHICLE (BEV)

13 APPENDIX

- 13.1 INSIGHTS FROM INDUSTRY EXPERTS
- 13.2 DISCUSSION GUIDE
- 13.3 KNOWLEDGESTORE: MARKETSandMARKETS' SUBSCRIPTION PORTAL
- 13.4 CUSTOMIZATION OPTIONS
- 13.5 RELATED REPORTS
- 13.6 AUTHOR DETAILS

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