



Automotive

Market Report Catalog June 2018

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■ Automotive ■

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GLOBAL AUTOMOTIVE SEMICONDUCTOR MARKET FORECAST 2018-2026

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The Global Automotive semiconductor market is presumed to reach a worth of \$ xx million by the year 2026, rising at a CAGR of 6.45% for the forecast period of 2018-2026. The consistent growth of the market can be attributed to various factors such as growing safety and security needs, growing demand from emerging economies, high production volumes of automobiles, growing demand for safety, convenience, and comfort systems and a rising trend of vehicle electrification.

MARKET INSIGHTS

The Global Automotive semiconductor market is segmented on the basis of the component, vehicle type, and fuel type. The components segment can be further classified into analog IC, processors, discrete power devices, memory devices, and sensors, lighting devices. Analog IC market holds the biggest share in terms of components. The vehicle type segment is further classified into passenger cars, HCVs and LCVs. At present, the passenger cars are the most popular vehicle type in the market. The fuel type segment is further divided into diesel, gasoline, and electric/hybrid, with the electric/hybrid fuel type exhibiting the fastest growth.

Tire Tread Performance Resins 2018 Past-Present-Future

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Tire tread performance resins market analysis covering the period 2011 to 2030 for global and regional demand. Market demand is analysed by volume and value.

The report is based upon a combination of primary and secondary research combined with RCCL's proprietary market modelling systems and wide ranging experience in rubber segment market analysis. RCCL aims to provide transparency for all market analysis and industry reports. Assumptions, methodology and key inputs are clearly explained and documented. Purchasers of this report can arrange to run reports using their preferred input variables, this can be done at a reduced daily consultation rate.

The report details the tire tread performance resin manufacturing landscape covering key manufacturers and product offerings. This is followed by a detailed quantitative look at the tire market looking at tire types and sub types, growth patterns and market trends. With a firm understanding of the tire market, focus is transferred to specific tire industry drivers relating to tread performance resins. Tire industry drivers influencing the use of tread performance resins covers high value added tire types, segmental positioning, geographical influences and external drivers.

Automotive Rubber Components Market: Past, Present, Future

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Automotive rubber component market analysis covering the period 2011 to 2030 for global and regional market demand. Market demand is analysed for rubber compound volume and unit component demand.

The report is based upon a combination of primary and secondary research combined with RCCL's proprietary market modelling systems and wide ranging experience in rubber segment market analysis. RCCL aims to provide transparency for all market analysis and industry reports. Assumptions, methodology and key inputs are clearly explained and documented. Purchasers of this report can arrange to run reports using their preferred input variables, this can be done at a reduced daily consultation rate.

The report details the proprietary top-down market model developed specifically for analysis of the automotive rubber component market. This model builds representative historic, current and future car parcs by vehicle sub type. Vehicle sub types are assigned rubber components based upon their technology requirements. The final analysis is broken down by original equipment demand and replacement market demand.

LiDAR for Automotive Patent Landscape

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The automotive sector is changing. After being crippled by the 2008 financial crisis, it has risen from the ashes and commenced its own revolution. Indeed, for more than 4 years years the automotive industry has been discussing new mobility solutions based on autonomous vehicles, shared mobility, connectivity, and electrification. Among these four axes, autonomous vehicles (i.e. driverless vehicles and robotic vehicles) is the most disruptive technology. Indeed, with self-driving vehicles the road will be safer, the journey more comfortable, and traffic jams minimized. To achieve this goal, the industry is rapidly evolving. Driver assistance systems (ADAS) are today well-integrated, with partial automated driving already available and self-driving cars being tested in real-world environments. However, along with the trend towards self-driving come new technical challenges with regard to surround sensors, actuators, and the vehicle's electrical/electronic architecture.

Global Automotive On-board Power Inverter Market 2018-2022

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Several structural changes have affected the automotive industry since the past decade in the form of engine downsizing, electrification of automotive mechanism, emission regulations, connectivity, and safety. The industry is directly correlated with the economic and regulatory environment and consumer confidence. There exist considerable overlaps in the development of electronic auto technology wherein the twin drivers of regulatory requirements and consumer demands coincide, especially when it comes to the safety aspect of auto electronics. On the other hand, interiors and infotainment systems' development rides solely on consumer demand.

Technavio's analysts forecast the global automotive on-board power inverter market to grow at a CAGR of 1.17% during the period 2016-2020.

Covered in this report

The report covers the present scenario and the growth prospects of the global automotive on-board power inverter market for 2016-2020. The market size is calculated as per existing vehicle models that are equipped with on-board power inverters as of August 2016.

Global Automotive Battery Management System Market 2018-2022

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Aloe vera extracts find wide application in the food, pharmaceutical, and cosmetics industries. The extracts are used to formulate aloe vera-based products such as powders, gels, capsules, drinks, and concentrates. Aloe vera is believed to alleviate skin-related ailments and cardiovascular diseases and aid weight loss. Owing to these factors, consumption of aloe vera among consumers across the world has been on the rise. Aloe vera juice contains various vitamins and minerals essential for the human body. It is widely believed that aloe vera juice helps in curing various problems associated with the human body such as bowel disorders and helps in reducing inflammation in the body such as rheumatism, inflammation of ears, and arthritis.

Technavio's analysts forecast the global aloe vera-based drinks market to grow at a CAGR of 9.6% during the period 2016-2020.

Covered in this report

The report covers the present scenario and the growth prospects of the global aloe vera-based drinks market for 2016-2020. To calculate the market size, the report considers the revenue generated from the sales of aloe vera-based drinks to individual consumers.

Smart Assistants in the Connected Car

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This IDC Market Perspective examines emerging developments in the consumer Internet of Things and connected vehicle markets with a focus on exploring where the smart home and connected vehicle intersects today and what is expected for the future development of products and solutions. "Smart assistants are fast becoming the central platform through which consumers interact with their connected devices and are extending the smart home into connected vehicles and vice versa," says Adam Wright, senior research analyst for IDC's Internet of Things: Consumer program. "It's still early days, but the use of a smart assistant in one setting is beginning to drive demand for access to the same platform in other settings."

Green Tires Market by Vehicle Type (Passenger Cars, Light Commercial Vehicle), Application (On-Road, and Off-Road), and Region (North America, Asia-Pacific, Europe, South America, and Middle East & Africa) - Global Forecast to 2022

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The green or low rolling resistance tires market is projected to reach USD 104.23 billion by 2022, at a CAGR of 10.7% from USD 62.68 billion in 2017. One of the most significant factors driving the growth of the green tires market is the increased government initiatives for a green and clean environment. There is a rising concern over factors affecting the fuel efficiency of vehicles and CO2 emissions. Thus, governments across the globe have started several initiatives to reduce fuel consumption and release of greenhouse gases. However, lack of awareness regarding the benefits of green tires restricts the growth of the green tires market in emerging economies.

"The passenger cars segment is the largest vehicle type segment of the green tires market."

Based on vehicle type, the passenger cars segment is estimated to account for the largest share of the green tires market in 2017, in terms of value and volume. Passenger cars lead the automotive production across the globe. In recent years, automotive manufacturers have been focusing on fuel efficiency, which, in turn, has created a demand for fuel-efficient tires. Increased regulations regarding CO2 emissions are also driving the demand for green tires.

Automotive Terminal Market by Application (Body Control & Interiors, Safety & Security, Cooling, Engine & Emission Control, Infotainment, Lighting System, and Battery System), Current Rating, Vehicle Type, EV Type, and Region - Global Forecast to 2025

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The global automotive terminal market is projected to grow at a CAGR of 10.03% during the forecast period, from USD 12.64 billion in 2017 to USD 27.14 billion by 2025. Increasing demand for automotive safety systems supported by government mandates and increasing number of electrical systems in the vehicle are driving the automotive terminal market. However, a highly consolidated market is a restraining factor for the automotive terminal market. The evolution of energy-efficient E-Mobility as well as connected, autonomous, and semi-autonomous vehicles is expected to create opportunities for the automotive terminal market in the coming years. On the other hand, factors such as design issues with high voltage terminals and long-term reliability of battery terminals can pose challenges for the automotive terminal market.

"Battery system segment to grow at a significant rate during the forecast period"

The automotive terminal market for battery system is projected to grow at the highest CAGR during the forecast period. It is followed by the lighting system, infotainment, body control & interiors, safety & security system, and cooling, engine & emission control. The growth of battery system segment is driven by the increasing number of battery terminals in battery packs.

Brake Friction Market (OE & Aftermarket) by Type (Brake Disc, Pad, Drum, Shoe, Liner), Disc Type (Metallic, Composite, Ceramic), Liner Type (Molded, Woven), Vehicle Type (ICE, Electric, Hybrid, OHV), and Region - Global Forecast to 2025

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The global brake friction (OE) market is projected to grow at a CAGR of 2.33% during the forecast period, from an estimated USD 13.48 billion in 2018 to USD 15.84 billion by 2025. The growing production and installation of brake disc are expected to drive the demand for brake friction products during the forecast period. However, low penetration of disc brake in commercial vehicles can hinder the growth of the brake friction products market in the forecast period. Also, the brake friction aftermarket is projected to grow at a CAGR of 1.03% during the forecast period, from an estimated USD 29.778 billion in 2017 to USD 31.99 billion by 2025. The growth of the brake friction aftermarket can be attributed to increased vehicle usage across the globe.

"Passenger cars market is estimated to showcase the fastest growth in terms of value"

The brake friction OE market for passenger car is projected to grow at the highest CAGR during the forecast period from 2018 to 2025. Factors such as increasing production of passenger cars, growing awareness about safety, and better control and stability of the vehicle have led to an increase in the demand for disc brake friction system. Increasing disposable income levels are expected to increase the demand for personal cars, which in turn would increase the production of passenger cars.

Transportation Management System (TMS) Market in North America 2018-2022

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TMS is used to plan the movement of freight. It helps the customer plan and execute transportation efficiently across the supply chain. It offers a number of services such as strategic planning and optimization, freight consolidation, and freight audit and payment, which helps maximize efficiency and reduce transportation costs. TMS solutions help businesses improve their logistics by reducing transportation costs and improving overall efficiency. In addition, they improve communication between shippers and carriers, enabling them to share information in real time.

Covered in this Report

The Transportation Management Systems market can be broadly categorized into two segments: Solutions and Services. Based on the type of deployment method, the Solutions segment can be further classified into on-premises software solutions and on-demand solutions, whereas the Services segment can be further categorized into maintenance services and professional services.

Global In-Dash Navigation System Market - Technologies, Market share and Industry Forecast to 2024

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Global in-dash navigation system market is expected to grow at a CAGR of 12.7% during forecast period 2017-2024. The automotive industry is in a stage where various electronic devices like lane departure alert systems, adaptive cruise control and navigation system are being installed in vehicles. Increasing customer preference for in-dash navigation system, government regulation about in-dash navigation system, and increasing application area of navigation services are the factors which are driving the market. However, high system cost and lack of supporting infrastructure in developing countries and concerns regarding cyber and data security are restraining the market growth. Furthermore, increasing adoption by the insurance industry, and trend of connected car devices are creating new opportunity for the market during forecast period.

Geographically, APAC dominates global in-dash navigation system market and is expected to witness the highest growth rate during forecast period 2017-2024. Developing economies like China and India are expected to play a major role in the backdrop of increased vehicle production. In addition, in developing economies, the increase in the number of vehicles on the road will increase the demand for real-time traffic and weather information, which will further boost the demand of the in-dash navigation systems.

Research on ADAS and Telematics of SAIC Motor Passenger Vehicle Company, 2017

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SAIC Motor Passenger Vehicle Company, the object of study in this report, is a wholly-owned subsidiary of SAIC Motor Corporation Limited and undertakes R&D, manufacturing and sales of self-owned brands. The company now has two brands, namely ROEWE and MG. It began implementing the strategy of going electric, intelligently-connected, sharing and global in 2017 with more efforts for driver assistance functions and telematics functions, a move that drove annual sales up 62% to 522,000 units.

In telematics field, SAIC Motor Passenger Vehicle has advanced aggressively, seeing 389,123 units installed with telematics system in 2017, a year-on-year surge of 160.97%, far higher than overall growth rate of 33.60% in the Chinese telematics market, on an installation rate of 81.2%, well above the overall level (24.1%) in the country, with market share rising by 3.70 percentage points over 2016.

Global Industrial Robots Market in the Automotive Industry 2018-2022

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The global industrial robots market in the automotive industry includes robots adopted for manufacturing automotive parts and automobiles.

Technavio's analysts forecast the global industrial robots market in the automotive industry to grow at a CAGR of 7.07% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global industrial robots market in the automotive industry for 2018-2022. To calculate the market size, the report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

Global Automotive Inductive Wireless Charging Systems Market 2018-2022

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Electric vehicles are gaining importance in modern times because of the rise in global fuel prices and alarming levels of air pollution. There is widespread concern about the negative effects of global warming. In such a scenario the rapid adoption of electric vehicles is seen as the most viable solution. The time taken to charge electric vehicles was one of the major concerns, but with the advent of wireless inductive charging this issue has been resolved. Inductive wireless charging is considered a major breakthrough as it has made the use of plugs and cords redundant. Inductive charging takes place when an electromagnetic field transfers energy between two coils.

Covered in this Report

Technavio's report, Global Automotive Inductive Wireless Charging Systems Market 2014-2018, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the Americas, and the EMEA and APAC regions; it also covers the Global Automotive Inductive Wireless Charging Systems market landscape and its growth prospects in the coming years. The report also includes a discussion of the key vendors operating in this market.

Global Tractor Market By Power Output (Under 40 HP, 40 HP & Under 100 HP and 100 HP & Above), By Drive Type (2-Wheel Drive Vs. 4-Wheel Drive), By Application, By Region, Competition Forecast & Opportunities, 2013 - 2023

Published by TechSci Research

Pub. Date 2018/04/20

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www.giiresearch.com/ce/628593

According to "Global Tractor Market By Power Output, By Drive Type, By Application, By Region, Competition Forecast & Opportunities, 2013 - 2023", tractor market sales figure is forecast to reach 2.33 million tractor units by 2023. Rising global population resulting in surging demand for agricultural products, increasing consumer inclination towards small-sized tractors, and penetration of autonomous tractors are among the major factors expected to boost tractor sales, globally, during the forecast period. Moreover, easy availability of financing options, rising labor cost and increasing investments by leading agricultural machinery manufacturers such as Mahindra & Mahindra, John Deere, Tractors & Farm Equipment Limited, etc., in their tractor product lines would positively influence the global tractor market in the coming years. Some of the major players operating in the global tractor market are Mahindra & Mahindra Ltd., Deere & Co, AGCO Corporation, CNH Industrial N.V., Tractors and Farm Equipment Limited, Sonalika International Tractors Ltd., KUBOTA Corporation, Changzhou Dongfeng Agricultural Machinery Group Co., Ltd., Argo Tractors S.p.A., CLAAS KGaA mbH, etc.

Automotive Filters Market by Type (Air, Fuel, Oil, Cabin, Coolant, Brake Dust, Oil Separator, Transmission, Steering, Dryer Cartridge, EMI/EMC, Coolant Air Particle), Air & Cabin Filter Media, Fuel & Vehicle Type, Aftermarket - Global Forecast to 2025

Published by MarketsandMarkets

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The automotive filters OE market is estimated to grow at a CAGR of 4.35% from USD 2.93 billion in 2018 to USD 3.94 billion by 2025. The increasing vehicle production is the major driving factor for the growth in automotive filter market. The automotive filters aftermarket is projected to grow at a CAGR of 1.14% from 2018 to 2025, to reach USD 23.31 billion by 2025 from an estimated USD 21.53 billion in 2018. The increasing vehicle parc and average miles driven every year across all regions are projected to be the major factors driving the growth of the automotive filters aftermarket.

On the other hand, the major factor hindering the growth of the automotive filters aftermarket is the increasing installation rate of non-replaceable filters as this will reduce the number of units replaced during the entire vehicle life.

"Synthetic media air filters are estimated to show the fastest growth in air filters market during the forecast period"

The market for synthetic media air filters is projected to grow at the highest CAGR during the forecast period from 2018 to 2025, by value, as this type of filters is more efficient than the cellulose media filters. They are mostly installed in premium passenger cars and high-performance trucks to enhance the engine performance. Synthetic media filters have various advantages when compared with cellulose media filters, such as smaller size, water resistant, increased airflow, and higher performance. Moreover, due to the better airflow for combustion, these filters result in higher fuel efficiency and lower emissions. Thus, upcoming vehicle emission norms would encourage OEMs to install synthetic media air filters in their vehicles.

Global Motorcycle Connected Helmet Market By Helmet Type (Full Face, Half Face & Open Face), By Region (North America, Europe, Asia-Pacific & Rest of World), Competition Forecast & Opportunities, 2013 - 2023

Published by TechSci Research

Pub. Date 2018/04/20

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www.giiresearch.com/ce/628588

According to "Global Motorcycle Connected Helmet Market By Helmet Type, By Region, Competition Forecast & Opportunities, 2013 - 2023", motorcycle connected helmet market is projected to witness moderate growth by 2023. With increasing preference for touring and recreational activities, demand for premium motorcycles is also growing across the world, which in turn, is expected to fuel the connected motorcycle helmet market in the coming years. Some of the other key factors that would push the market includes launch of new helmet models with better features and connectivity, increasing rider inclination towards safety owing to rising number of motorcycle accidents, and surging demand for more technology driven products from riding enthusiasts. Some of the major players operating in the global motorcycle connected helmet market include Schuberth GmbH, O'Neal, H&H Sports Protection, HJC Inc., AGV, SHOEI CO., LTD., Bell Powersports, Inc., Ivolution Sports Inc., etc.

Express Delivery Market in Brazil 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

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www.giiresearch.com/ce/354342

Express delivery is the accelerated delivery of items that are non-palletized and weigh less than 110 pounds, such as parcels, documents, and letters, to different types of customers, such as business customers, retail customers, and government agencies. Express deliveries are usually made within two or three days, depending on customer requirements. These services are offered by CEP (courier express parcel) vendors that provide various value-added services to customers to further enhance the delivery process, such as online tracking of parcels and couriers. The primary business of the express industry is to provide value-added, door-to-door transport and next-day or time-definite shipments.

Technavio's analysts forecast the express delivery market in Brazil to grow at a CAGR of 3.63% during the period 2016-2020.

Covered in this report

The report covers the present scenario and the growth prospects of the express delivery market in Brazil for the period 2016-2020. To calculate the market size, the report covers revenue generated by express delivery service providers.

Malaysia Tire Market By Vehicle Type (Passenger Car, LCV, MHCV, Two-Wheeler & OTR), By Demand Category (OEM Vs. Replacement), By Radial Vs. Bias, By Rim Size, Competition Forecast & Opportunities, 2013 - 2023

Published by TechSci Research

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According to "Malaysia Tire Market By Vehicle Type, By Demand Category, By Radial Vs. Bias, By Rim Size, Competition Forecast & Opportunities, 2013 - 2023", tire market registered sales is projected to grow to 23.8 million units by 2023 in Malaysia. Increasing vehicle fleet in passenger car, commercial vehicle and two-wheeler segments in addition to high purchasing power and raw material availability are among the key factors that would boost sales of tires in Malaysia over the coming years. Moreover, presence of production plants of leading global tire manufacturers such as Michelin, Bridgestone, Goodyear, Continental Tyre, Toyo Tire, etc., in Malaysia is expected to aid the country's tire market during the forecast period. Some of the top players operating in Malaysia tire market include Goodyear Tire & Rubber Co., Michelin Malaysia Sdn. Bhd, Continental Tyre PJ Malaysia Sdn Bhd, Bridgestone Tyre Sales (Malaysia) Sdn. Bhd., Hankook Tire, Toyo Tire & Rubber Co., Ltd., Pirelli & C. S.p.A., Maxxis Tires Malaysia, Giti Tire Pte. Ltd., Sumitomo Tires, etc.

Africa Used Truck Market By Application (Logistics, Construction & Mining), By Tonnage Capacity (Above 16 Tons, 7.5-16 Tons & 3.5-7.5 Tons), By Fuel Type (Diesel, Gasoline, & Others), By Country, Competition Forecast & Opportunities, 2013 - 2023

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www.giiresearch.com/ce/628585

According to "Africa Used Truck Market By Application, By Tonnage Capacity, By Fuel Type, By Country, Competition Forecast & Opportunities, 2013 - 2023" used truck market is projected to grow at a CAGR of over 5% to surpass \$ 4 billion by 2023. Growing demand for used trucks is backed by the consistently growing prices of new trucks coupled with high demand for used trucks in construction sector and rapidly expanding logistics sector across the region. Furthermore, continuing improvements in road infrastructure across Africa and growing demand from e-commerce sector is likely to fuel the used truck sales across the region during the forecast period. In addition, with the rising concerns regarding environment, demand for used trucks running on alternate fuel is also anticipated to surge, thereby positively influencing the Africa used truck market during the forecast period. Few of the renowned companies operating in Africa used truck market include Daimler AG, AB Volvo, Isuzu Motors Ltd., Scania AB, MAN Truck & Bus, Hino Motors, Tata Motors Limited, Ashok Leyland Limited, Dongfeng Motor Corporation. All these companies are well assisted by their key development teams and are supported by their strong network across the region.

Global Hospital Logistics Robots Market 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

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www.giiresearch.com/ce/633240

Hospital logistics robots comprise autonomous guided vehicles (AGVs) and mobile robot platforms. These are used for managing the flow of goods such as laboratory samples, food, pharmaceuticals, environmental waste, and laundry inside hospital premises.

Technavio's analysts forecast the global hospital logistics robots market to grow at a CAGR of 15.48% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global hospital logistics robots market for 2018-2022. To calculate the market size, the report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

Electric Commercial Vehicle Market by Propulsion (BEV, HEV, PHEV & FCEV), Vehicle Type (Bus, Truck, Pick-Up Truck and Van), Component, Range, Autonomous Vehicle, Charging Infrastructure, and Region - Global Forecast to 2025

Published by MarketsandMarkets

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www.giiresearch.com/ce/629495

The global electric commercial vehicle market is projected to grow at a CAGR of 39.85% from 125,212 units in 2017 to reach 1,831,865 units by 2025. Policies and mandates to curb urban pollution menace and the subsequent demand of emission-free vehicle and the increasing demand for electrified vans and trucks from the logistics industry are the driving factors for the electric commercial vehicle market.

Whereas, the less number of charging stations and high cost involved in the initial development of electric commercial vehicle are restraining factors for the electric commercial vehicle market.

Government funds and incentive programs to encourage adoption of electric commercial vehicles such as public buses and electric trucks will be creating opportunities in upcoming years. On the other hand, factors such as limited battery power, longer charging duration, and more environment friendly fuel products are creating challenges for electric commercial vehicle market.

Global Automotive eCall Market 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

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www.giiresearch.com/ce/397920

eCall is an initiative by the transportation safety regulatory bodies to provide immediate assistance to people involved in accidents. It is a sub-system of telematics systems being installed in a vehicle.

Implementation of eCall requires significant investment in infrastructure. In the case of a crash, it contacts the closest emergency center and forwards the GPS location of the crash site to the emergency center executives. eCall can be activated manually as well as automatically. It gets activated automatically if the vehicle meets with an accident and the airbag is deployed.

Technavio's analysts forecast the global automotive eCall market to grow at a CAGR of 29.77% during the period 2016-2020.

Covered in this report

The report covers the present scenario and the growth prospects of the global automotive eCall market for 2016-2020. To calculate the market size, the report considers the the unit sales and the revenue generated through the sales of OEM embedded telematics. We have also considered the unit shipments of OEM-embedded telematics systems to calculate the market size by geography.

Mobility on Demand Market Size By Service (Car Sharing, Ride Hailing, Car Rental, By Application, Industry Analysis Report, Regional Outlook, Growth Potential, Competitive Market Share & Forecast, 2018 - 2024

Published by Global Market Insights Inc.

Pub. Date 2018/04/18

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www.giiresearch.com/ce/633399

Mobility on Demand Market is projected to surpass USD 200 billion by 2024. The development of travel & tourism industry is expected to be one of the major drivers of the industry. According to the World Travel & Tourism Council, in 2016, the direct contribution of this sector to GDP was USD 2,306.0 billion, that is approximately 3.1% of the total GDP. Transport forms a vital component of the travel industry for the sustainable growth of the sector. Using mobile technologies, travelers are seeking more freedom of movement, demanding advanced mobility solutions such as car rental services and positively impacting the mobility on demand market. Furthermore, several tourism & hospitality companies are offering services such as car rental and ride-hailing. For instance, Active African Vacations Ltd. has partnered with Self Drive Uganda to provide car rental services to the tourists.

Automotive Ceramics Market by Material (Alumina Oxide Ceramic, Titanate Oxide Ceramic, Zirconia Oxide Ceramic), Application (Automotive Engine Parts, Automotive Exhaust Systems, Automotive Electronics), and Region - Global Forecast to 2022

Published by MarketsandMarkets

Pub. Date 2018/04/18

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www.giiresearch.com/ce/629491

The automotive ceramics market is expected to grow from USD 1.59 billion in 2017 to USD 2.05 billion by 2022, at a CAGR of 5.2% from 2017 to 2022. The growth of the automotive ceramics market can be attributed to the increasing demand for automotive ceramics for automotive engine parts, automotive exhaust systems, automotive electronics, and other applications across the globe. Automotive ceramics find application in automotive component manufacturing due to their unique properties. Contrary to conventional materials (metals and plastics), automotive ceramic products are lighter in weight, durable, and have better corrosion resistance properties.

However, higher cost of automotive ceramics than their substitutes restrains the growth of the automotive ceramics market.

"Among materials, the alumina oxide ceramic segment accounted for the largest share of the automotive ceramics market in 2016 in terms of value."

Global Reverse Logistics Market of Spare Parts for Manufacturing Industry 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/04/18

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Transportation of faulty spare parts from the customers to the original equipment manufacturer (OEM) and to the manufacturing industries is the reverse logistics operations of spare parts. Various operations performed in the reverse logistics operations are the collection of faulty spare parts, transportation, warehousing, and the return of parts back to the manufacturers.

Technavio's analysts forecast the global reverse logistics market of spare parts for manufacturing industry's CAGR is expected to be more than 5%, however, the market's growth momentum will decelerate owing to a decrease in the year over year growth.

Covered in this report

The report covers the present scenario and the growth prospects of the global reverse logistics market of spare parts for manufacturing industry for 2018-2022. To calculate the market size, the report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

The market is divided into the following segments based on geography:

- Americas
 - APAC
 - EMEA
-

Global In-plant Logistics Market for Automobile OEM Industry 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/04/17

Price

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www.giiresearch.com/ce/631743

The global in-plant logistics market for automobile OEM industry refers to the movement of raw materials, components, and sub-assemblies within the automobile original equipment manufacturing plant, either to or from the storage area or line-sides, to be turned into finished goods and bringing them to the factory gate or a designated storage area.

Technavio's analysts forecast the global in-plant logistics market for automobile OEM industry will register a revenue of more than USD 2.6 billion by 2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global in-plant logistics market for automobile OEM industry for 2018-2022. To calculate the market size, the report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

Tire Material Market by Type (Elastomers, Reinforcing Fillers, Plasticizers, Chemicals, Metal Reinforcements, Textile Reinforcements), Vehicle Type (Passenger Cars, Trucks, Buses, LCV), and Region - Global Forecast to 2022

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The global market size for tire material was USD 73.93 billion in 2017 and is projected to reach USD 91.23 billion by 2022, at a CAGR of 4.3% between 2017 and 2022. The increasing sales of vehicles and demand for low rolling resistance tires are the most significant factors projected to drive the growth of the tire material market.

"Based on type, the elastomers segment is expected to dominate the tire material market during the forecast period."

The elastomers segment accounted for the largest share of the tire material market as compared to other materials in 2016, in terms of volume. Elastomers include natural rubber and synthetic rubber. Different companies are engaged in R&D activities to develop ecofriendly elastomer materials for use in tire production. Growth in vehicle use is expected to boost the demand for elastomers during forecast period.

"Based on vehicle type, the passenger car segment is projected to witness the highest growth during the forecast period."

The passenger cars segment is expected to be the fastest-growing segment of the tire material market, in terms of both value and volume. The market for passenger cars is majorly driven by the increasing population, and the ability to purchase cars due to the growing per capita income. Various banking schemes and subsidies provided by governments on vehicle purchase are also expected to increase car sales, globally.

Global Automotive Printed Circuit Board (PCB) Market- Technologies, Market share and Industry Forecast to 2024

Published by Occams Business Research & Consulting Pvt. Ltd.

Pub. Date 2018/04/16

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A Printed Circuit Board (PCB) is a board used to mechanically support and electrically connecting electronic or electrical components using pads, conductive tracks and other features. Application of PCB in automotive industry includes management of the engine, entertainment systems, radar, GPS, mirror controls, digital displays and power relays timing systems. OBRC analysis estimates that global automotive printed circuit board (PCB) market is expected to grow at a CAGR of 6.23% over forecast period 2017-2024. Rising integration of convenience, advanced safety and comfort systems in automobiles, increasing demand for electric vehicles, rising demand of vehicles coupled with infotainment systems are major factors propelling the demand of automotive PCB market across the globe.

Asia Pacific accounts the largest share and is expected to dominate global automotive PCB market over forecast period 2017-2024. Increasing adoption of electric cars and rising investments in automotive industry for advanced technologies are some of the factors boosting the automotive PCB market in region. OBRC analysis estimates, Asia Pacific holds more than 40% of the total automotive industry sales across the globe, making Asia Pacific most lucrative market for investment. In 2018, as per company sources, Kia Motors (South Korea) announced to invest \$2 billion for production facility in India. In 2018,

The Future of Last-mile Delivery Bots

Published by Frost & Sullivan

Pub. Date 2018/04/16

Price

USD 6000 Web Access (Regional License)

www.giiresearch.com/ce/631760

The logistics market is currently undergoing a major transformation with new innovative solutions determining the way goods are being delivered from point A to point B. The market is witnessing influx of new breed of tech-savvy startups that are coming up with unique business models and services that are largely disrupting the supply chain ecosystem, especially in the last mile. Furthermore, the growth of such startup firms largely parallels those of various emerging technologies - such as Big Data, crowd-sourced platforms, connected devices, and AI - that are likely to shape how goods will be transported in the future. This has eventually prompted service providers to provide for tailor-made, customized solutions catering to the broader issues within the industry.

Rising congestion and pollution within cities have resulted in more emphasis on providing for urban last-mile delivery solutions. Roughly, 40% of the overall logistics costs are being spent on the last mile. What is further aggravating the growing issue is that the end consumers have started to become more demanding. Instant deliveries and user experience have started to become critical value differentiators. This has resulted in firms exploring new technologies and services to alleviate some of these growing issues. New service solutions such as click and collect, locker boxes, and on-demand solutions are already underway for the last mile. What is driving the market further is expanding on some of these new services with autonomous solutions such as delivery bot services that are taking it to another level when it comes to last-mile delivery solutions.

Global OEM Aftersales 2.0 - Comparative Benchmarking of Adoption of New Parts and Service Business Models, 2017

Published by Frost & Sullivan

Pub. Date 2018/04/16

Price

USD 4950 Web Access (Regional License)

www.giiresearch.com/ce/631763

The aim of the study is to understand the current transition and to predict future trends in global automotive OEM aftersales segment. As older cars shift to the independent aftermarket primarily due to an aging vehicle population and high cost incurred, OEMs have to strategize their aftersales programs to sustain their market share.

Research Scope

- The objective of this study is to research, analyze, and predict key strategies for OEMs in the automotive aftermarket in 2017
- To understand the multiple business models and customer engagement activities of OEMs in the automotive aftermarket
- To understand the shift in OEMs approach towards aftersales and services
- To assess the current and future changes in the automotive aftermarket with respect to OEMs

Research Aim:

The goal of the study is to understand key strategies of OEMs for parts sales and servicing and benchmark key participants' activities in the automotive aftermarket channel.

3PL Market in the US 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

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www.giiresearch.com/ce/328807

3PL providers are companies that offer outsourced logistics and supply chain management services to various end-user industries. 3PL service providers offer diverse services such as the management of transportation, warehousing, and the distribution of goods and products from manufacturing facilities to the point of sales.

Technavio's analysts forecast the 3PL market in the US to grow at a CAGR of 4.27% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the 3PL market in the US for 2018-2022. To calculate the market size, the report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

Technavio's report, 3PL Market in the US 2018-2022, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the market landscape and its growth prospects over the coming years. The report also includes a discussion of the key vendors operating in this market.

Car Sharing Market Size By Model, By Business Model, By Application, Industry Analysis Report, Regional Outlook, Growth Potential, Competitive Market Share & Forecast, 2018 - 2024

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www.giiresearch.com/ce/555398

Car Sharing Market is projected to surpass USD 11 billion by 2024. Increasing initiatives by the government to increase the usage of these services are expected to be one of the major factors driving the car sharing market growth. In July 2017, the ministry of transport of China drafted a policy to provide incentives to the users of these services, such as preferential parking slots & rates. Increasing government support is encouraging the implementation of these services with the traditional transportation modes. For instance, the local public transport operator in Brussels, STIB has partnered with Cambio CarSharing to facilitate the integration of these services with public transportation, thus positively impacting the car sharing market in the country.

Car sharing market is projected to witness growth due to the benefits experienced by the users such as reduction in costs incurred including the purchase of vehicles, parking, insurance, fuel, maintenance, etc. The users can avoid the fixed costs of ownership by accessing the vehicles on the pay-per-use basis. Furthermore, the environmental benefits due to traffic congestion are attracting customers to these services. In March 2014, Paris imposed a partial vehicle ban due to persistent air pollution above the stipulated European standards. During this time, the city has granted access to only car sharing and public transport vehicles.

Global Autonomous Vehicle ECU Market 2018-2022

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The electronic control unit (ECU) is the central brain that controls the various automated functions of a semi-autonomous vehicle and fully operates automated vehicles.

Technavio's analysts forecast the global autonomous vehicle ECU market to grow at a CAGR of 53.54% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global autonomous vehicle ECU market for 2018-2022. To calculate the market size, the report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

Global Automotive Direct Drive Motor Market - Technologies, Market share and Industry Forecast to 2024

Published by Occams Business Research & Consulting Pvt. Ltd.

Pub. Date 2018/04/13

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www.giiresearch.com/ce/628581

Automotive direct drive motor are used to directly drive the vehicles without using any additional components such as shaft, gear, etc. The global automotive direct drive motor market is expected to rise with the CAGR of about 200% during forecast period 2017-2024. High need for economic savings on vehicles contributes to growth of global automotive direct drive motor market during forecast period. Also, increasing adoption of in wheel micro power electronics system promotes the market growth. However, unsprung weight concerns in automotive direct drive system as well as high cost as compared to conventional gear box motors are some of the major factors restraining the growth of global automotive direct drive motor market during forecast period.

Geographically, the global automotive direct drive motor market report has been segmented in North America, Asia Pacific, Europe and Rest of World. North America held the largest market revenue share for automotive direct drive motor market in 2017 and is expected to dominate the market during forecast period due to high deployment of electric vehicles across the region. However, Asia Pacific is expected to be fastest growing region in automotive direct drive motor market during forecast period.

Last Mile Delivery Market in North America 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/04/13

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www.giiresearch.com/ce/633216

Last mile logistics refers to the last step of the delivery process from a distribution center or facility to the end customer. The aim of last mile logistics is to deliver items to the end customer as fast as possible.

Technavio's analysts forecast the last mile delivery market in North America to grow at a CAGR of 12.76% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the last mile delivery market in North America for 2018-2022. To calculate the market size, the report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

The market is divided into the following segments based on geography:

- US
- Canada

Technavio's report, Last Mile Delivery Market in North America 2018-2022, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the market landscape and its growth prospects over the coming years. The report also includes a discussion of the key vendors operating in this market.

Global Smart Bumper Market 2018-2022

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A smart or intelligent bumper is a structure designed to absorb the impact of a road accident and offer protection to various pedestrian safety and driver assistance systems. Smart bumper has an integrated radar, front grill with de-icing system, lighting system based on flexible optical fibers, along with impact detection and absorption system.

Technavio's analysts forecast the global smart bumper market to grow at a CAGR of 5.34% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global smart bumper market for 2018-2022. To calculate the market size, the report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

Technavio's report, *Global Smart Bumper Market 2018-2022*, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the market landscape and its growth prospects over the coming years. The report also includes a discussion of the key vendors operating in this market.

Global Automotive Image Sensors Market 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/04/13

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USD 5000 PDF by E-mail (Global License)

www.giiresearch.com/ce/631735

Image sensor converts an optical image into an electrical signal. Hence, it detects and conveys the information that constitute an image. It forms crucial component of the automotive camera module.

Technavio's analysts forecast the global automotive image sensors market to grow at a CAGR of 23.73% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global automotive image sensors market for 2018-2022. To calculate the market size, the report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

Technavio's report, Global Automotive Image Sensors Market 2018-2022, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the market landscape and its growth prospects over the coming years. The report also includes a discussion of the key vendors operating in this market.

Global Automotive LED Headlamps Market 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/04/13

Price

USD 2500 PDF by E-mail (Single User License) ~

USD 5000 PDF by E-mail (Global License)

www.giiresearch.com/ce/633218

Automotive LED headlamps use light emitting diodes for generation of light instead of halogen or xenon lamps

Technavio's analysts forecast the global automotive LED headlamps market to grow at a CAGR of 30.48% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global automotive LED headlamps market for 2018-2022. To calculate the market size, the report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

Technavio's report, *Global Automotive LED Headlamps Market 2018-2022*, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the market landscape and its growth prospects over the coming years. The report also includes a discussion of the key vendors operating in this market.

EV Charging Equipment Market Overview - Level 1, Level 2, DC Fast Charging and Wireless Charging by Market Segment: Global Market Analysis and Forecasts

Published by Navigant Research

Pub. Date 2018/04/13

Price

USD 4800 PDF & Excel by E-mail (Basic License) ~

USD 7200 PDF & Excel by E-mail (Enterprise License)

www.giiresearch.com/ce/209301

Plug-in EV (PEV) sales have grown significantly since the first mass market versions were deployed to major global markets in 2010, but they have not yet hit an inflection point. However, market signs indicate this point is near. By the end of 2027, battery prices should be at levels where battery EVs (BEVs) with ranges below 150 miles will be at cost parity with their internal combustion engine powered counterparts. The cost decline will primarily be a function of leaps in battery innovation, particularly the commercialization of solid-state batteries.

Navigant Research estimates that by the end of 2018, over 5 million PEVs will be on roads globally; by 2027, there will be over 10 times that figure. This population will require nearly as many charging ports as vehicles, and these ports will need to be ever more capable and sophisticated. This means higher power capacities and smarter technologies that can relay vehicle and charger information. The current PEV market is heavily skewed toward home charging in many, though not all, markets. Over the next 10 years, PEV energy demand will likely shift more toward fleet, private, and public chargers. The market will see major investments from automakers, utilities, energy companies, and governments during the next few years, but for the long term, viable business cases will need to be developed for each charging segment.

Automotive Interiors Market Global Scenario, Market Size, Outlook, Trend and Forecast, 2016 - 2025

Published by Variant Market Research LLP

Pub. Date 2018/04/12

Price

USD 3195 Data Pack ~

USD 7695 PDF by E-mail (Global License)

www.giiresearch.com/ce/629512

Global automotive interiors market is estimated to reach \$291.8 Billion by 2025; growing at a CAGR of 6.9 % from 2017 to 2025. Automotive interiors describe to the interior components and systems in a vehicle that are specifically intended to provide grip, comfort and sound insulation inside the vehicle cockpit. These include cockpit modules, headliners, flooring, door panels, automotive seats, interior lighting and other components. These also comprise dash top mobile devices such as MP3 players, GPS navigation, satellite radio mobile TV, and HD radio, video playback and smart phone interfaces. Automotive interiors play an essential role in motivating the buyer as these are indicative of the vehicle quality and comfort. This also includes trucks, motorcycles, buses, vans and coaches

The growth of the global automotive interiors market is mainly driven by factors such as increasing income levels, rising automotive industry, and the growing consumer demand for technologically advanced systems for an improved driving skill. In addition, increasing demand for perceived quality, interior styling, convenience features and cabin comfort are also supporting the market growth. However, high power consumption and high price in automotive interiors may hamper the growth of the market. Though, technology advancement and rising demand for interior styling would generate profitable opportunities for the market in the forthcoming years.

Global Automotive Steering Torque Sensor Market 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/04/12

Price

USD 2500 PDF by E-mail (Single User License) ~

USD 5000 PDF by E-mail (Global License)

www.giiresearch.com/ce/631730

Automotive steering torque sensors are used in vehicles with electric power steering (EPS). These sensors measure the steering force applied by the driver and enable the sensitive control of electric steering support. The sensor is based on a contactless magnetic measuring principle and has a magnetic unit, sensor unit, and a flux tube unit.

Technavio's analysts forecast the global automotive steering torque sensor market to grow at a CAGR of 6.24% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global automotive steering torque sensor market for 2018-2022. To calculate the market size, the report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

Lane Keep Assist System and Adaptive Cruise Control Market (Vision Sensor/Camera, EPAS Actuator, Electronic Control Unit, Radar Sensor) - Global Industry Analysis, Size, Share, Growth, Trends, and Forecast 2017 - 2025

Published by Transparency Market Research

Pub. Date 2018/04/12

Price

USD 5795 PDF by E-mail (Single User License) ~

USD 11795 PDF by E-mail (Corporate License)

www.giiresearch.com/ce/635203

This report analyzes and forecasts the market for lane keep assist system and adaptive cruise control at the global and regional level. The market has been forecast, based on revenue (US\$ Mn) and volume (million units), from 2017 to 2025. The study includes drivers and restraints of the global lane keep assist system and adaptive cruise control market for automotive. It also covers the impact of these drivers and restraints on the demand for lane keep assist system and adaptive cruise control during the forecast period. The report also highlights opportunities in the lane keep assist system and adaptive cruise control market for automotive at the global and regional level.

The report comprises a detailed value chain analysis, which provides a comprehensive view of the global lane keep assist system and adaptive cruise control market for automotive. The Porter's five forces model for the lane keep assist system and adaptive cruise control market for automotive has also been included to help understand the competitive landscape in the market. The study encompasses market attractiveness analysis, wherein end-users are benchmarked based on their market size, growth rate, and general attractiveness.

Global Automotive Intelligent Lighting System Market 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/04/11

Price

USD 2500 PDF by E-mail (Single User License) ~

USD 5000 PDF by E-mail (Global License)

www.giiresearch.com/ce/631719

An automotive intelligent lighting system is a highly adaptive or automatically controlled automotive light system, which helps in increasing the safety while driving or creating a comfortable environment through lighting.

Technavio's analysts forecast the global automotive intelligent lighting system market to grow at a CAGR of 7.83% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global automotive intelligent lighting system market for 2018-2022. To calculate the market size, the report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

The market is divided into the following segments based on geography:

- Americas
 - APAC
 - EMEA
-

Global Automotive Valves Market 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/04/11

Price

USD 2500 PDF by E-mail (Single User License) ~

USD 5000 PDF by E-mail (Global License)

www.giiresearch.com/ce/595535

Automotive valves are used for controlling the flow of air-fuel mixture and other fluids in vehicles. Engine valves play a significant role in the automotive valves market.

Technavio's analysts forecast the global automotive valves market to grow at a CAGR of 5.41% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global automotive valves market for 2018-2022. To calculate the market size, the report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

Technavio's report, *Global Automotive Valves Market 2018-2022*, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the market landscape and its growth prospects over the coming years. The report also includes a discussion of the key vendors operating in this market.

Automotive Heat Shield Market - Global Industry Analysis, Size, Share, Growth, Trends, and Forecast 2017 - 2024

Published by Transparency Market Research

Pub. Date 2018/04/11

Price

USD 5795 PDF by E-mail (Single User License) ~

USD 11795 PDF by E-mail (Corporate License)

www.giiresearch.com/ce/405982

A vehicles internal combustion engine generates a large amount of heat which can damage the vehicles other components and body work. Moreover heat shields can even increase a vehicles performance by reducing the engine's temperature. Thus automotive heat shield finds a major application in a vehicle and forms an integral part of a vehicle. In the automotive heat shields, it is essential for all companies to adhere to the safety standards and regulations set up by the governments of their respective countries. Superior quality of products ensures long term business profitability through increased customer satisfaction. Adherence to the quality standards also creates goodwill and a positive brand image of the company.

Automotive Heat Shield Market: Regional Outlook

With increasing number of automotive sales across the globe, there is immense scope and opportunities for the automotive heat shield market. There has been significant rise in the sales growth of automotive based in Asia Pacific mainly in India and China. In the coming years, Asia Pacific is expected to dominate the market for automotive heat shields. India, China, and Japan have seen huge industrialization in recent times because of the availability of good natural and human resources. Cheap source of labor, availability of raw materials, good transportation network, and investor-friendly industrial policies are some of the vital factors encouraging global companies to set up industries in these countries of the Asia Pacific region. This in turn is expected to encourage the rise in application of automotive heat shield market in the emerging markets of Asia Pacific.

48V Mild Hybrid Vehicles 2018-2028

Published by IDTechEx Ltd.

Pub. Date 2018/04/11

Price

USD 4995 PDF Download (1-5 Users) ~

USD 7795 PDF Download (6-10 Users) and 1 Hardcopy

www.giiresearch.com/ce/350435

Any report written one year ago on 48V mild hybrids is useless because their planned USPs and technology have changed and many volume models have flooded onto the market. The new 240 page IDTechEx report, "48V Mild Hybrid Vehicles 2018-2028" reflects the new realities. It is researched, analysed and regularly updated by PhD level, multi-lingual IDTechEx analysts travelling intensively across the world.

The report is intended for those involved in 48V mild hybrids and their competing options, from regulators to materials, components, systems and vehicle developers and suppliers, investors, purchasers and operators. Because the technology has limited application beyond cars, this report is almost entirely concerned with cars but that is enough to forecast a peak in sales of over 14 million units yearly before peak car and cheap pure electric car kick in. Despite assessing the negatives such as 48V MH usually being only an option and diesel is dying, we see a massive \$1 billion being spent on them over the years. Even those exclusively making pure electric vehicles should appraise such new competition.

LIDAR Technologies for the Automotive Industry: Technology Benchmark, Challenges, Market forecasts

Published by TEMATYS

Pub. Date 2018/04/10

Price

USD 5490 Corporate Multi User license

www.giiresearch.com/ce/624220

The automotive industry is changing:

- *Vehicles are more and more connected,*
- *Motor electrification is growing to meet regulations requirements,*
- *Safety has become a major concern and drives the development of new technologies.*

One of the major trends that will impact OEM and suppliers businesses is the emergence of new mobility schemes. New users seek more flexibility and lower cost for their trips. The car is seen as a transport service. To meet these demands, new mobility models emerge, especially pay-per-use models such as car/ride sharing, carpooling, "e-hailing" taxi alternatives, and peer-to-peer car rentals.

The development of the autonomous vehicle meets these new mobility models.

Indeed, from an end-user perspective, automated driving offers on-demand access to mobility and the possibility to rest, entertain or work during a car trip. The forecasted linear evolution for autonomous vehicles should be disturbed by the arrival of first Level 4/5 (highly and fully automated) vehicles for autonomous taxis or new models of short-term car rentals. From the OEMs and suppliers perspective, self-driving vehicles bring great technical challenges. In particular, new technologies, like LIDAR, will be necessary for a continuous control of the car's environment.

Global Automotive High Performance Torque Converters Market 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/04/10

Price

USD 2500 PDF by E-mail (Single User License) ~

USD 5000 PDF by E-mail (Global License)

www.giiresearch.com/ce/631712

A torque converter is a modified fluid coupler; hydraulic coupler, like a clutch, that is placed between the engine and the transmission, which changes the mechanical torque. It helps in multiplying the torque at low speeds or during the periods of high engine loads.

Technavio's analysts forecast the global automotive high performance torque converters market to grow at a CAGR of 4.54% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global automotive high performance torque converters market for 2018-2022. To calculate the market size, the report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

Technavio's report, Global Automotive High Performance Torque Converters Market 2018-2022, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the market landscape and its growth prospects over the coming years. The report also includes a discussion of the key vendors operating in this market.

GLOBAL ELECTRIC VEHICLE MARKET FORECAST 2018-2026

Published by Inkwood Research

Pub. Date 2018/04/09

Price

USD 2500 PDF (Single User License) ~

USD 4500 PDF (Enterprisewide License)

www.giiresearch.com/ce/577318

The global electric vehicle (EV) market is growing at a CAGR of 21.40% for the forecast period of 2018-2026. The market is driven by growing emissions of CO2 and greenhouse gases, the availability of low cost of Li-ON batteries and various government initiatives that are encouraging the use of electric vehicles.

MARKET INSIGHTS

The global electric vehicles market is segmented on the basis of power source type, vehicle type and technology. The power source type includes stored electricity and onboard electricity generator. The vehicle type segment is further divided into commercial vehicles, passenger cars, two-wheelers and others. The technology segment of the market is further classified into battery electric vehicles, hybrid electric vehicle, and plug-in hybrid electric vehicles.

REGIONAL INSIGHTS

Region-wise, the global electric vehicle market is segmented into Asia-Pacific, Europe, North America and rest of world. The Asia-Pacific market occupied the biggest share in 2017 and is expected to continue its reign throughout the forecast period. The Asia-Pacific market growth is driven by the presence of numerous automobile giants headquartered in the region. Also, countries like China and Japan provide several incentives in order to promote the adoption of electric vehicles in the region.

Convertible Roof System Market by Rooftop (Hardtop, Soft Top), Vehicle Class (Luxury, Semi-Luxury), Body (Sedan, SUV, Roadster), EV (BEV, HEV, PHEV, FCEV), Material (PVC, Carbon Fiber, Aluminum), Propulsion (ICE, EV), Region - Global Forecast to 2025

Published by MarketsandMarkets

Pub. Date 2018/04/09

Price

USD 5650 PDF by E-mail (Single User License) ~

USD 10000 PDF by E-mail (Global License)

www.giiresearch.com/ce/626283

The global convertible roof system market is projected to grow at a CAGR of 6.77%, from 2018 to 2025, to reach USD 2.11 billion by 2025 from USD 1.33 billion in 2018. The major factors driving the growth of the market include advances in material technology and increasing consumer preference for convertible roof systems. On the other hand, difficulty in meeting government fuel efficiency norms and high costs of regular maintenance may pose challenges to the growth of the convertible roof system market.

"The SUV segment is estimated to grow at the fastest pace."

The convertible roof system market for SUVs, by volume, is estimated to grow at the highest rate during the forecast period. The growth of the convertible roof system market can be attributed to the increased production and demand for SUVs across the globe.

"Increasing demand for premium vehicles and comfort features would drive the convertible roof system market in Europe."

Europe is estimated to account for the largest share, by value and volume, of the convertible roof system market in 2018.

Automotive Braking Systems - Technology, Trends and Forecasts to 2032

Published by just-auto

Pub. Date 2018/04/09

Price

USD 2300 PDF by E-mail (Single user license) ~

USD 6900 PDF by E-mail (Multi user license)

www.giiresearch.com/ce/386363

New from just-auto this quarter, this report has been extracted from motor industry information and intelligence platform QUBE and provides a comprehensive overview of the global automotive original equipment (OE) foundation and electronic braking sector and assesses major suppliers, top markets, technology trends and market size forecasts.

Based on exclusive interviews, primary research and proprietary data this global market study includes:

- For the top 14* markets it provides market size data and a 15-year forecast for:
- A review of the latest technological developments and market trends for:
- Regional supplier market share data tables and commentary
- Exclusive interviews with OE suppliers including Brembo, BWI Group, Continental, IFR Automotive, Thatcham, TMD Friction, TNO, ZF-TRW news and interviews only available in QUBE)
- Sector PESTER (Political, Economic, Social, Technological, Environmental and Regulatory) analysis
- Updated profiles of the major automotive brake system suppliers including their strategies and prospects

Global Automotive Head-Up Display Market- Technologies, Market share and Industry Forecast to 2024

Published by Occams Business Research & Consulting Pvt. Ltd.

Pub. Date 2018/04/09

Price

USD 3900 PDF by E-mail (Single User License) ~

USD 6900 PDF by E-mail (Enterprise License)

www.giiresearch.com/ce/627600

Automotive head-up display is a transparent display technology that allows the drivers not to change their vision frame through showing data in the driver's vision vicinity. The global automotive head-up display market is expected to rise at a CAGR of 27.4% over the forecast period (2017-2024). The major escalating factor for automotive head-up display growth is rising awareness about passenger and vehicle safety. Other than this, rapid rise in automotive industry and increasing demand for connected vehicles are also triggering the global automotive head-up display market. However, requirement of greater space in the automotive cockpit and strict regulation for meeting government obligation by the HUD suppliers are the restraining factors for automotive head-up display market growth.

Global automotive head-up display market report includes four major segments that are HUD type, end user, fuel type and vehicle type. The HUD type segment includes Windshield Head-Up Display (HUD) and Combiner Head-Up Display (HUD) as the sub segments. The combiner head-up display (HUD) is expected to be the fastest growing segment under global Head-up display market. The end user segment has been further segregated into mid-segment vehicle, luxury vehicles and economic vehicle. On the basis of vehicle mode, the sub segments are Internal Combustion Engine (ICE), Battery Electric Vehicle (BEV) and others. Lastly, the vehicle type includes Passenger Cars and Commercial Vehicles as its sub segments.

Global Automotive HVAC Sensors Market 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/04/09

Price

USD 2500 PDF by E-mail (Single User License) ~

USD 5000 PDF by E-mail (Global License)

www.giiresearch.com/ce/631710

A sensor is a device that detects changes in its immediate environment by identifying changes in stimuli and electronically updating these changes in systems. HVAC sensors form vital components of the modern HVAC system by providing measurements of temperature and pressure among others to automotive HVAC control units.

Technavio's analysts forecast the global automotive HVAC sensors market to grow at a CAGR of 7.21% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global automotive HVAC sensors market for 2018-2022. To calculate the market size, the report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

Technavio's report, *Global Automotive HVAC Sensors Market 2018-2022*, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the market landscape and its growth prospects over the coming years. The report also includes a discussion of the key vendors operating in this market.

Automotive Brake Caliper Market Size By Vehicle, By Product, Distribution Channel, Piston Material, Manufacturing Process, Industry Analysis Report, Regional Outlook, Growth Potential, Price Trends, Competitive Market Share & Forecast, 2017 - 2024

Published by Global Market Insights Inc.

Pub. Date 2018/04/09

Price

USD 4500 PDF (Single User License) ~

USD 8500 PDF (Enterprise User License)

www.giiresearch.com/ce/622756

Global automotive brake caliper market will exceed USD 21 billion over the forecast timeframe. Increasing penetration of brake calipers among PCV, LCV and HCV owing to vehicle safety norms is the key factor boosting the industry share. These have enhanced self-adjustment compared to drum brakes offering superior functionality and instant stopping of the vehicle. Moreover, consistence improvement in the vehicle safety coupled with superior quality checks during production will further drive the automotive brake caliper industry by 2024.

Fixed calipers are estimated to contribute major share and will continue its dominance over the study timeframe. Positive application outlook owing to features including rigid mounting and instant stopping will positively contribute to the industry share. Floating calipers is anticipated to witness significant growth owing to competitive cost of the product. In addition, it offers ease in manufacturing further influencing the product penetration.

Global Automotive Level Sensor Market 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/04/09

Price

USD 2500 PDF by E-mail (Single User License) ~

USD 5000 PDF by E-mail (Global License)

www.giiresearch.com/ce/631706

An automotive level sensor is a device that detects the level of fluids in an open or closed system. It detects changes in its immediate environment by picking stimulus changes and updates the system electronically.

Technavio's analysts forecast the global automotive level sensor market to grow at a CAGR of 4.13% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global automotive level sensor market for 2018-2022. To calculate the market size, the report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

Technavio's report, *Global Automotive Level Sensor Market 2018-2022*, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the market landscape and its growth prospects over the coming years. The report also includes a discussion of the key vendors operating in this market.

GLOBAL AUTOMOTIVE LEAD ACID BATTERY MARKET FORECAST 2018-2026

Published by Inkwood Research

Pub. Date 2018/04/09

Price

USD 2500 PDF (Single User License) ~

USD 4500 PDF (Enterprisewide License)

www.giiresearch.com/ce/574474

The Global Automotive lead-acid battery market is forecasted to grow further at an estimated CAGR of 4.40% between the years 2018 - 2026. The market is driven by a surge in automotive sales and the growing demand for battery-powered vehicles. The fact that these batteries can be recycled and are fairly cost effective are also aiding the market expansion.

MARKET INSIGHTS

The global automotive lead-acid battery market is segmented according to customer segments, products, types, and end-users. The customer segments include OEM batteries and aftermarket batteries. The products available in this market are classified into micro-hybrid batteries and SLI batteries. The lead-acid batteries by type are further classified into enhanced flooded batteries, flooded batteries, and VRLA batteries. The end-users for this market include LCVs and HCVs, passenger car, two wheelers and three wheelers.

Global Automotive Inertial Measurement Unit (IMU) Sensors Market 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/04/09

Price

USD 2500 PDF by E-mail (Single User License) ~

USD 5000 PDF by E-mail (Global License)

www.giiresearch.com/ce/368225

The inertial measurement unit (IMU) is an electronic device, which is used to measure the non-gravitational force per unit mass, angular velocity, and the changes in the magnetic field surrounding the vehicle or specific parts of the vehicle. An IMU is a fusion sensor unit, which consists of accelerometers and gyroscopes.

Technavio's analysts forecast the global automotive inertial measurement unit (IMU) sensors market to grow at a CAGR of 28.56% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global automotive inertial measurement unit (IMU) sensors market for 2018-2022. To calculate the market size, the report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

Technavio's report, Global Automotive Inertial Measurement Unit (IMU) Sensors Market 2018-2022, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the market landscape and its growth prospects over the coming years. The report also includes a discussion of the key vendors operating in this market.

Global Automotive Maps Market 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/04/09

Price

USD 2500 PDF by E-mail (Single User License) ~

USD 5000 PDF by E-mail (Global License)

www.giiresearch.com/ce/631707

Digital mapping is a process of compiling collected data to produce maps in the form of virtual images, which accurately represent a geographical area, major roads, rivers, and important landmarks such as airports, tourist attractions, and hospitals in and around the region.

Technavio's analysts forecast the global automotive maps market to grow at a CAGR of 9.56% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global automotive maps market for 2018-2022. To calculate the market size, the report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

The market is divided into the following segments based on geography:

- Americas
 - APAC
 - EMEA
-

Advanced Engine Technologies for Meeting CO2 and Fuel Economy Targets - Forecasts to 2032

Published by just-auto

Pub. Date 2018/04/09

Price

USD 2300 PDF by E-mail (Single user license) ~

USD 6900 PDF by E-mail (Multi user license)

www.giiresearch.com/ce/301305

Updated in the last quarter, this report has been extracted from QUBE and provides a comprehensive overview of the emerging light vehicle engine technologies required to meet CO2 and fuel economy mandates, major suppliers, top markets, technology trends and market size forecasts.

Based on exclusive interviews, primary research and proprietary data this engine technologies global market study includes:

- Diesel and gasoline, fuel injection system and forced induction fitment and size data for the top 14* markets
- A review of the latest technological developments and market trends in engine technology (combustion strategies such as: Atkinson cycle; HCCI/CAI; lean burn; variable compression ratio and stratified charge). Also: fuel injection system developments; effects of downsizing and downspeeding; kinetic and thermal energy recovery; forced induction; engine material developments; variable valve actuation; alternatives to the internal combustion engine and alternative fuels such as hydrogen and CNG.
- Regional engine supplier market share data tables and commentary
- Exclusive interviews with OE engine technology suppliers including Tenneco, Zircotec, Federal Mogul, Delphi, NemaK and Kolbenschmidt (news and interviews only available in QUBE)
- A sector PESTER analysis
- Updated profiles of the major engine technology suppliers including their strategies and prospects

Global Automated Steering Wheel Market 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/04/09

Price

USD 2500 PDF by E-mail (Single User License) ~

USD 5000 PDF by E-mail (Global License)

www.giiresearch.com/ce/631709

An automotive steering system acts as a direct line of control and communication between the driver and the vehicle. It has evolved from involving rigid mechanisms to a more technologically advanced, reliable, smooth, and easy-to-use system.

Technavio's analysts forecast the global automated steering wheel market to grow at a CAGR of 41.61% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global automated steering wheel market for 2018-2022. To calculate the market size, the report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

Technavio's report, *Global Automated Steering Wheel Market 2018-2022*, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the market landscape and its growth prospects over the coming years. The report also includes a discussion of the key vendors operating in this market.

Automotive Vision Systems - Technology, Trends and Forecasts to 2032

Published by just-auto

Pub. Date 2018/04/09

Price

USD 2300 PDF by E-mail (Single user license) ~

USD 6900 PDF by E-mail (Multi user license)

www.giiresearch.com/ce/386366

New from just-auto this quarter, this report has been extracted from QUBE and provides a comprehensive overview of automotive vision systems - glazing, mirrors and wipers - and assesses major suppliers, top markets, technology trends and market size forecasts.

- For the top 14* markets it provides market size data and a 15-year forecast for:
- A review of the latest technological developments and market trends for:
- Regional supplier market share data tables and commentary
- Exclusive interviews with OE suppliers including Corning, Covestro, Ficosa, Flabeg, Gentex, Harman, NordGlass, Pilkington, SABIC, Saint-Gobain Sekurit and SL Corporation (news and interviews only available in QUBE)
- PESTER (Political, Economic, Social, Technological, Environmental and Regulatory) analysis
- Updated profiles of the major suppliers including their strategies and prospects

Global Airport Transit Baggage Vehicle Market 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/04/06

Price

USD 2500 PDF by E-mail (Single User License) ~

USD 5000 PDF by E-mail (Global License)

www.giiresearch.com/ce/626658

Transit baggage vehicles are used by airports, airlines, and ground handling service providers for transporting the baggage from the terminal to the aircraft and vice-versa.

Technavio's analysts forecast the global airport transit baggage vehicle market to grow at a CAGR of 5.99% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global airport transit baggage vehicle market for 2018-2022. To calculate the market size, the report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

Technavio's report, Global Airport Transit Baggage Vehicle Market 2018-2022, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the market landscape and its growth prospects over the coming years. The report also includes a discussion of the key vendors operating in this market.

Automotive Bushing Technologies Market to 2025 - Global Analysis and Forecasts by Type (Damper Bushings, Bump Stops, Top Mounts, Suspension Arm Bushings, Subframe Bushings and PT Mounts), Suspension Type and Vehicle Segment

Published by The Insight Partners

Pub. Date 2018/04/06

Price

USD 4550 PDF by E-mail (Single User License) ~

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www.giiresearch.com/ce/632230

A passenger car consists of a numerous metal component that ensure the proper and smooth functioning of the cars on roads that are smooth as well as a bit rocky in nature. A suspension system plays a critical role in ensuring a smooth ride for the occupants of the car. These solid suspension parts are linked to each other and transmit energy when the vehicle is on the move. Bushings are small components that are typically made of rubber or polyurethane material and act as isolators to the noise and vibrations that are transmitted by the solid metal suspension parts. These bushings enable reduction in the vibrations and noise and thereby ensure a smooth & comfortable ride for the passengers. Functions of bushing include vibration isolation, provide cushioning and also reduce the friction between solid metal parts in the vehicle. Typically, bushings are applied inside a car wherever there are metal joints and mounts are needed. Alternator bushings, control arm bushings, shock absorber mountings, sway bar links, transmission shifters, motor mounts and sub-frame mounts are some of the most commonly used bushings in passenger cars.

Global Cross Docking Facility Market in Chemical Logistics Industry 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/04/06

Price

USD 2500 PDF by E-mail (Single User License) ~

USD 5000 PDF by E-mail (Global License)

www.giiresearch.com/ce/631697

Cross docking is a logistics process wherein goods are received from inbound delivery vehicles and then loaded directly onto outbound vehicles, with marginal to no handling or storage time.

Technavio's analysts forecast the global cross docking facility market in chemical logistics industry to grow at a CAGR of 5.33% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global cross docking facility market in chemical logistics industry for 2018-2022. To calculate the market size, the report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

Technavio's report, Global Cross Docking Facility Market in Chemical Logistics Industry 2018-2022, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the market landscape and its growth prospects over the coming years. The report also includes a discussion of the key vendors operating in this market.

Global Automotive Die-stamping Equipment Market 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/04/06

Price

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USD 5000 PDF by E-mail (Global License)

www.giiresearch.com/ce/631699

Die-Stamping equipment is a tool that helps in forming the desired shape by means of deformation without the removal of any material. The die-stamping equipment consists of two dies, between which the material required is pressed with appropriate stress to form the desired shape.

Technavio's analysts forecast the global automotive die-stamping equipment market to grow at a CAGR of 3.83% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global automotive die-stamping equipment market for 2018-2022. To calculate the market size, the report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

Global Electric Passenger Car Market By Vehicle Type (Sedan, Hatchback & SUV), By Technology Type (PHEV Vs. BEV), By Driving Range (Up to 150 Miles Vs. Above 150 Miles), By Region, Competition Forecast & Opportunities, 2013 - 2023

Published by TechSci Research

Pub. Date 2018/04/06

Price

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www.giiresearch.com/ce/624726

According to "Global Electric Passenger Car Market By Vehicle Type, By Technology Type, By Driving Range, By Region, Competition Forecast & Opportunities, 2013 - 2023", electric passenger car market is projected to grow at a CAGR of more than 26% by 2023, on account of increasing government efforts aimed at encouraging the use of electric vehicles amid alarming pollution levels, globally. Technological advancements on account of increasing focus on research & development activities by leading automobile companies to launch affordable and premium quality electric passenger cars, in addition to rising penetration of electric passenger cars in developing economies are expected to aid the global electric passenger car market over the coming years. Growing environmental awareness among consumers and improving charging infrastructure are some of the other factors that would positively influence the market during the forecast period.

Global Wind Energy Equipment Logistics Market 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/04/06

Price

USD 2500 PDF by E-mail (Single User License) ~

USD 5000 PDF by E-mail (Global License)

www.giiresearch.com/ce/626659

The logistics of wind energy equipment involves the transportation, installation, and commissioning of oversized wind energy industry equipment such as turbines, generators, blades, towers, and nacelles to aid the large-scale setting up of onshore and offshore wind energy plants.

Technavio's analysts forecast the global wind energy equipment logistics market to grow at a CAGR of 6.5% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global wind energy equipment logistics market for 2018-2022. To calculate the market size, the report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

Automotive Safety System Market by Technology (Active (ABS, ESC, BSD, LDWS, TPMS) and Passive (Airbag, Pedestrian and Whiplash Protection)), On-highway (PC, LCV, Buses, Trucks), Off-highway, EV, Offering (Hardware, Software) - Global Forecast to 2025

Published by MarketsandMarkets

Pub. Date 2018/04/06

Price

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www.giiresearch.com/ce/625183

The global automotive safety system market is estimated to be USD 82.80 billion in 2017 and is projected to reach 169.46 billion by 2025, growing at a CAGR of 9.36% during the forecast period. The automotive safety system market has promising growth potential due to several factors, including the stringent safety regulations pertaining to vehicle safety across the globe; increasing demand for a safe, efficient, and convenient driving experience; and rising disposable income in emerging economies. On the other hand, increasing role of complex software in a wide range of applications in a vehicle provides increased functionality and value for consumers. Various advanced safety features require complex software for functioning. Safety features embedded with sophisticated internal networks, dozens of ECUs, and extensive remote connectivity ultimately increase the complexity of the vehicle. The use of complex software can, at times, cause software failure in a vehicle. This is a major restraining factor for advanced safety systems market.

Global Diesel Exhaust Fluid Market 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/04/06

Price

USD 2500 PDF by E-mail (Single User License) ~

USD 5000 PDF by E-mail (Global License)

www.giiresearch.com/ce/628637

DEF is a blended aqueous solution composed of 32.5% high-purity urea and 67.5% de-ionized water. DEF is used in the reduction of NOx emissions from diesel engines and is added to selective catalytic reduction systems in which harmful exhaust gas emissions are treated.

Technavio's analysts forecast the global diesel exhaust fluid market to grow at a CAGR of 12.85% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global diesel exhaust fluid market for 2018-2022. To calculate the market size, the report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

Technavio's report, *Global Diesel Exhaust Fluid Market 2018-2022*, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the market landscape and its growth prospects over the coming years. The report also includes a discussion of the key vendors operating in this market.

Automotive Parts Packaging Market (Product Type; Packaging Type; Component Type) - Global Industry Analysis, Size, Share, Growth, Trends, and Forecast 2017 - 2027

Published by Transparency Market Research

Pub. Date 2018/04/05

Price

USD 5795 PDF by E-mail (Single User License) ~

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www.giiresearch.com/ce/635216

Transparency Market Research examines the global automotive parts packaging market for the forecast period 2017-2027. The primary objective of the report is to identify opportunities in the market and present updates as well as insights pertaining to various segments of the global automotive parts packaging market. The report begins with an overview of the global automotive parts packaging market, evaluating market performance in terms of revenue, followed by TMR's analysis of key trends, drivers, and restraints witnessed in the global market. Impact analysis of the key growth drivers and restraints based on the weighted average model is also included in the report.

To compute the market size, in-depth secondary research is done. Data points such as regional splits and market split by system type has been assimilated to arrive at appropriate market estimates. The report comprises the forecast of the global revenue generated by the business in automotive parts packaging market. Market numbers have been estimated based on extensive secondary and primary research, average pricing of automotive parts packaging by product type and the revenue is derived through regional pricing trends. Market size and forecast for each segment have been provided in the context of global and regional markets.

Global Market Study on Automotive Cyber Security: Burgeoning Demand from Mobile Apps, Social Networking, and Cloud to Heighten Growth of Managed Security Services

Published by Persistence Market Research

Pub. Date 2018/04/05

Price

USD 4900 PDF by E-mail (Single User License) ~

USD 10600 PDF by E-mail (Corporate User License)

www.giiresearch.com/ce/634320

The increasing integration of advanced features and rising adoption of connected vehicles and telematics technology in automobiles are boosting the growth of the global automotive cyber security market. In this report, Persistence Market Research investigates the current trends and ongoing developments in the automotive cyber security market. This report also presents a holistic view on current drivers and challenges in the automotive cyber security market. Additionally, this report draws attention to various opportunities that already exist and are likely to be available in the automotive cyber security market.

Extensive Research Conducted in Order to Reap Valuable Insights on the Current and Prospective Market Scenario

The scope of this market study includes the solutions and services of automotive cyber security. In this report, PMR provides detailed company profiles that include financials, key strategies, and developments of various automotive cyber security solution and service providers, such as SecureWorks Corp., IBM Corporation, Intel Corporation, Verizon Communications, Inc., and Symantec Corporation. The research methodology of this market study includes extensive primary and secondary research. Various surveys were conducted with automotive cyber security solution and services providers and industry experts to understand the value chain and critical driving factors of the automotive cyber security market. Desk research was conducted to identify current market trends and ongoing developments in the market.

Global Automotive Brake Fluid Market 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/04/05

Price

USD 2500 PDF by E-mail (Single User License) ~

USD 5000 PDF by E-mail (Global License)

www.giiresearch.com/ce/626655

Brake fluid is basically on oily liquid that helps in transmitting pressure to actuate various components in a hydraulic braking system.

Technavio's analysts forecast the global automotive brake fluid market to grow at a CAGR of 2.14% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global automotive brake fluid market for 2018-2022. To calculate the market size, the report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

Technavio's report, *Global Automotive Brake Fluid Market 2018-2022*, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the market landscape and its growth prospects over the coming years. The report also includes a discussion of the key vendors operating in this market.

Automotive Heat Exchanger Market by Application (Air condition system, Exhaust gas heat exchanger, Intercooler, Oil cooler, & Radiator), Design Type, Electric Vehicle Type, Off-Highway Vehicle, Vehicle Type, Region - Global Forecast to 2025

Published by MarketsandMarkets

Pub. Date 2018/04/05

Price

USD 5650 PDF by E-mail (Single User License) ~

USD 10000 PDF by E-mail (Global License)

www.giiresearch.com/ce/624707

The global automotive heat exchanger market is estimated to be USD 19.21 billion in 2017 and is projected to reach USD 32.05 billion by 2025, growing at a CAGR of 6.61% from 2017 to 2025. The market growth is primarily driven by the increasing demand for HVAC system in high-end commercial vehicles and off-highway vehicles. However, the increasing demand for electric and hybrid vehicles is considered a restraint for the conventional engine cooling components such as radiator, EGR cooler and intercoolers.

"The intercooler segment is estimated to be the fastest growing segment, in terms of value, in automotive heat exchanger market, by application"

The automotive heat exchanger market for intercoolers is estimated to grow at the highest rate during the forecast period. The growing trend of engine downsizing without compromising performance and the rising demand for high-performance vehicles are compelling vehicle manufacturers to adopt technologies such as turbochargers and superchargers, which require intercoolers for their functioning.

2017 Annual In-depth Analysis Report on China Transport Industry

Published by Beijing Data Time Consulting Ltd.

Pub. Date 2018/04/05

Price

USD 6500 Excel by E-mail (Single User License)

www.giiresearch.com/ce/622045

China needs to develop a modern transport and logistics system to support its new economic growth model, led by domestic-consumption and urbanization. China's ambitious plans for an advanced transport network and logistic system designed to facilitate continued economic development are set to accelerate.

This report presents you with many key data you may concern about, like throughput, shipping volume, freight traffic and turnover, passenger traffic and turnover, cargo, routes, length and newly increased transportation capacity, port, railway, airport as well as investment, enterprises operation etc. in this industry. You can find all the data are detailed based on a monthly basis by type and region, etc.

It also brings you what happened in 2017, furthermore it provides you with lots of historical data, most of them can be traced back to 10 years ago or even to the year of 2000.

The biggest highlight is that all the data are in original status and presented in Excel format for your convenient use in any way you like.

Global Motorcycle Stability Control Market 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/04/04

Price

USD 2500 PDF by E-mail (Single User License) ~

USD 5000 PDF by E-mail (Global License)

www.giiresearch.com/ce/628619

A motorcycle stability control system uses multiple sensors to control the driving dynamics of a motorcycle. It uses an inertial measurement unit (IMU) that constantly monitors the motorcycle's accelerations and orientation in three dimensions and measures the lean angle of the motorcycle while turning at corners. The motorcycle stability control system reduces the braking force and increases the tire grip to complete turning at corners.

Technavio's analysts forecast the global motorcycle stability control market to grow at a CAGR of 5.49% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global motorcycle stability control market for 2018-2022. To calculate the market size, the report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

Truck Mounted Concrete Pump Market (Product - Truck Mounted Mobile Pump, Truck Mounted Static Pump and Truck Mixer Concrete Pump; End-use Sector) - MENA Industry Analysis, Size, Share, Growth, Trends, and Forecast 2017 - 2024

Published by Transparency Market Research

Pub. Date 2018/04/04

Price

USD 5795 PDF by E-mail (Single user license) ~

USD 11795 PDF by E-mail (Corporate License)

www.giiresearch.com/ce/422935

A booming MENA construction sector attributed to the increasing demand for large-scale housing projects, along with the need for improvements in quality of all construction projects is expected to drive the MENA truck-mounted concrete pump market in the next few years. Additionally, the manufacturers of truck-mounted concrete pumps in this region are improving their efforts to provide better quality pumps by implementing enhancements such as an increase in the arm length and capacity of the pumps. Manufacturers intend to grow their possession of technologies towards irrigation projects as well by including features such as the provision of adjustable molds, water stop attachments, and needle vibrators. However, the MENA truck-mounted concrete pump market is currently being restricted by safety issues related to the operation of the pumps, as well as the volatility of oil prices that are affecting the transportation sector in general.

The MENA truck-mounted concrete pump market is expected to reach US\$161.0 mn at the end of 2016. It is projected to reach US\$253.4 mn by the end of 2024 after expanding at a CAGR of 5.8% within a forecast period from 2016 to 2024.

Latin American Passenger Vehicle Market Outlook, 2018

Published by Frost & Sullivan

Pub. Date 2018/04/04

Price

USD 4950 Web Access (Regional License)

www.giiresearch.com/ce/489304

The LATAM Passenger Vehicle market is experiencing a number of transformative shifts that are driven by social, economic and technology disruptions impacting Latin America new and used car sales, and main economic activities, new regulations aiding for fleets renewal, new business models being adopted by OEMs, dealerships, entrepreneurs and Tier 1 providers as well as technology innovations that are reshaping the Mobility and Automotive industry. Despite current factors challenging the market, Frost & Sullivan expects LATAM annual sales of over 5.8 million units by 2018. The research covers Argentina, Brazil, Chile, Mexico, Colombia, and Peru, and presents the key market trends, growth opportunities, transformational shifts and market metrics. Analysis by new business models, powertrains and Top Transformational Shifts are covered as well. The key market participants and detailed market outlooks in LATAM are discussed, and the key conclusions, recommendations, and Frost & Sullivan predictions for the market by 2018 are presented.

Global Automotive Bicycle Rack Market 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/04/04

Price

USD 2500 PDF by E-mail (Single User License) ~

USD 5000 PDF by E-mail (Global License)

www.giiresearch.com/ce/628627

Automotive bicycle racks are used for transporting bicycles in vehicles. These are used by adventure enthusiasts, long-distance travelers, and bicycle enthusiasts.

Technavio's analysts forecast the global automotive bicycle rack market to grow at a CAGR of 4.63% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global automotive bicycle rack market for 2018-2022. To calculate the market size, the report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

Technavio's report, Global Automotive Bicycle Rack Market 2018-2022, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the market landscape and its growth prospects over the coming years. The report also includes a discussion of the key vendors operating in this market.

Global Automotive Laser Headlight System Market 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/04/04

Price

USD 2500 PDF by E-mail (Single User License) ~

USD 5000 PDF by E-mail (Global License)

www.giiresearch.com/ce/366853

Laser headlights are actually not what the name suggests. These devices are laser-assisted headlamps in which the filaments (halogens or Xenons) and ionizable gases are replaced by laser diodes and a phosphorous lens.

Technavio's analysts forecast the global automotive laser headlight systems market to grow at a CAGR of 267.38% during the period 2016-2020.

Covered in this report

The report covers the present scenario and the growth prospects of the global automotive laser headlight systems market for 2016-2020. To calculate the market size, the report considers a bottom-up approach, wherein the yearly sales data for various car models of BMW, Audi, and Mercedes-Benz have been used.

The market is divided into the following segments based on geography:

- China
- Europe
- ROW
- US

Technavio's report, *Global Automotive Laser Headlight Systems Market 2016-2020*, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the market landscape and its growth prospects over the coming years. The report also includes a discussion of the key vendors operating in this market.

Global Automotive Power Sliding Door System Market 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/04/04

Price

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USD 5000 PDF by E-mail (Global License)

www.giiresearch.com/ce/628624

An automotive door is typically hinged, but in many cases, it can also be attached by other mechanisms, such as tracks. The doors in a vehicle can either be opened manually or can be powered electronically.

Technavio's analysts forecast the global automotive power sliding door system market to grow at a CAGR of 18.31% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global automotive power sliding door system market for 2018-2022. To calculate the market size, the report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

Technavio's report, Global Automotive Power Sliding Door System Market 2018-2022, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the market landscape and its growth prospects over the coming years. The report also includes a discussion of the key vendors operating in this market.

Automotive Parts Remanufacturing Market - Global Industry Insights, Size, Share, and Forecast till 2025

Published by Coherent Market Insights

Pub. Date 2018/04/04

Price

USD 4500 PPT Turned PDF (Single User License) ~

USD 10000 PPT Turned PDF (Enterprise User License)

www.giiresearch.com/ce/629668

Global automotive parts remanufacturing market refers to the rebuilding of products, components, and equipment of an automobile to its original design specifications through utilization of reused, repaired, and new components. These processes require replacement or repair of obsolete and worn out modules and components called the core. Components that can be rebuild include extensive range of engine and related parts, transmission and related, brakes, wheels, compressors, steering, and fuel systems among others.

Market Dynamics

According to the European Remanufacturing Network (ERN), the overall remanufacturing industry is expected to generate 500,000 jobs and could be valued at around US\$ 110.9 billion by 2030, owing to supportive industry investments and government policies. The requirement to cope up with growing demands for automobile across the globe in conjunction with growing number of ageing vehicles, requirement to manage overall wastes, resource-efficient industry processes, and enhancement of overall profitability in the manufacturing processes is expected to fuel the overall industry demands. According to Coherent Market Insights, overall price reduction of the products up to 60% of the original equipment and the product warranties is expected to drive growth of automotive parts remanufacturing market.

Global Mini Truck Market 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/04/04

Price

USD 2500 PDF by E-mail (Single User License) ~

USD 5000 PDF by E-mail (Global License)

www.giiresearch.com/ce/626644

Technavio's analysts forecast the global mini truck market to grow at a CAGR of 1.20% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global mini truck market for 2018-2022. To calculate the market size, the report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

Technavio's report, *Global Mini Truck Market 2018-2022*, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the market landscape and its growth prospects over the coming years. The report also includes a discussion of the key vendors operating in this market.

Global Hybrid and Electric Vehicle Integrated Drive Unit Market 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/04/04

Price

USD 2500 PDF by E-mail (Single User License) ~

USD 5000 PDF by E-mail (Global License)

www.giiresearch.com/ce/628631

Integrated drive unit consists of an electric motor, power electronics, and gearbox packed into a single unit for EVs.

Technavio's analysts forecast the global hybrid and electric vehicle integrated drive unit market will post a revenue of more than USD 4 billion in terms of units by 2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global hybrid and electric vehicle integrated drive unit market for 2018-2022. To calculate the market size, the report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

Technavio's report, *Global Hybrid and Electric Vehicle Integrated Drive Unit Market 2018-2022*, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the market landscape and its growth prospects over the coming years. The report also includes a discussion of the key vendors operating in this market.

Automotive Lubricants Market (Engine Oil, Gear Oil, and Transmission Fluid) - Global Industry Analysis, Size, Share, Growth, Trends, and Forecast 2017 - 2024

Published by Transparency Market Research

Pub. Date 2018/04/03

Price

USD 5795 PDF by E-mail (Single User License) ~

USD 11795 PDF by E-mail (Corporate License)

www.giiresearch.com/ce/407238

The research study analyzes the automotive lubricants market in terms of revenue (US\$ Mn) for the 2017- 2024 forecast timeframe at regional as well as global level. For the research, 2016 has been considered as the base year while 2015 values have been provided for historical information. The objective of the automotive lubricants market report is to serve as a reliable business decision making instrument for its audiences. The analysis of the automotive lubricants market presented in this report has been derived using industry-best analytical tools such as Porter's five forces and SWOT analysis. The automotive lubricants market has been studied on the basis of product, base oil, vehicle type, distribution channel, and region in this report.

The introductory part of the report outlines definitions, conventions, and terms and terminologies relevant for the overall automotive sector. Industry policies and industry statutes in the purview of automotive industry are appended at the end of this section.

Global Automotive Carbon Fiber Hood and Tailgate Market 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/04/03

Price

USD 2500 PDF by E-mail (Single User License) ~

USD 5000 PDF by E-mail (Global License)

www.giiresearch.com/ce/626641

Automotive carbon fiber hood and tailgate consist carbon fiber or composites. These are lightweight and have high durability and tensile strength.

Technavio's analysts forecast the global automotive carbon fiber hood and tailgate market to grow at a CAGR of 9.77% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global automotive carbon fiber hood and tailgate market for 2018-2022. To calculate the market size, the report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

Technavio's report, *Global Automotive Carbon Fiber Hood and Tailgate Market 2018-2022*, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the market landscape and its growth prospects over the coming years. The report also includes a discussion of the key vendors operating in this market.

Turbocharger Market Global Scenario, Market Size, Outlook, Trend and Forecast, 2016 - 2025

Published by Variant Market Research LLP

Pub. Date 2018/04/03

Price

USD 3195 Data Pack ~

USD 7695 PDF by E-mail (Global License)

www.giiresearch.com/ce/629503

Global Turbocharger Market is estimated to reach \$28.1 Billion by 2025; growing at a CAGR of 12.3% from 2017 to 2025. Turbochargers provide high efficiency, robustness, reliability, and compact packaging in heavy duty vehicles. Turbocharger also offer several key benefits in heavy duty vehicle engine such as more power, improved output, and greater fuel efficiency, which necessitates the higher demand of turbochargers in heavy duty vehicle segment. Turbochargers are believed to be the most significant automotive equipment in present time not only to boost but to intensify the efficiency of the engines in terms of power and output. They are utilized by various vehicle manufacturers and also by the companies operating in aftermarket individual customers. In addition, increase in purchasing power of consumers and customization performance offered by turbocharger petrol engine have fueled the growth of the turbocharger in respect to OEM market.

The growth of the global turbocharger market is driven by rise in demand for fuel efficient and downsized engine, increasing government investment in construction projects, and modernization of agricultural sector. However, high cost of turbochargers as compared to traditional chargers is the major challenge for the market. Moreover, enhanced performance of gasoline engine, which utilizes twin-turbo technology has led automakers to include turbochargers in their vehicles, thereby providing huge opportunity for the growth of turbocharger market.

Automotive Turbochargers Market (Vehicles; Technologies - Twin Turbo, Variable Geometry Technology, and Wastegate; Fuel; End Users) - Global Industry Analysis, Size, Share, Growth, Trends, and Forecast 2017 - 2024

Published by Transparency Market Research

Pub. Date 2018/04/03

Price

USD 5795 PDF by E-mail (Single User License) ~

USD 11795 PDF by E-mail (Corporate License)

www.giiresearch.com/ce/410933

The research report on the global automotive turbochargers market for the forecast period 2017-2024 aspires to serve as a business decision making tool for its many offerings. The report delves into each and every aspect that could influence growth of the automotive turbochargers market for the aforementioned forecast period. The analysis provides a know-how of crucial indicators to ascertain the growth of automotive turbochargers market over the 2017-2024 forecast period. This includes demand drivers, challenges, and opportunities that are veritable to determine the growth trajectory of this market.

Going ahead, the report discusses market segments under each category and their growth behavior through the forecast period. This includes market share and revenue projections for key segments for the 2017-2024 forecast period. The growth analysis of key segments presented in the report can be leveraged by market stakeholders to make the best bet.

Spark Plug and Glow Plug Market - by Product Type, and Geography - Industry Insights and Forecast till 2025

Published by Coherent Market Insights

Pub. Date 2018/04/03

Price

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USD 10000 PPT Turned PDF (Enterprise User License)

www.giiresearch.com/ce/629665

A spark plug is an electronic device, which when integrated with cylinder head in the vehicle engine, produces electric spark to burn petrol. Similarly, a glow plug—electrically heating devices—when integrated on the cylinder head of the diesel engine, helps to start the diesel engine in cold conditions. China is one of the major growth engines in the spark plug and glow plug market in Asia Pacific. Growth of the spark plug and glow plug market is directly proportional to increasing numbers of vehicles, globally.

Market Dynamics

North America held the second-largest position in the spark plug market after Asia Pacific in 2016. The U.S. is the major growth engine in the market in this region. The region is expected to exhibit high growth, owing to high presence of major automotive companies in the U.S. VW Group, Toyota Group, GM Group, Renault-Nissan Alliance, Hyundai Kia Automotive Group, Ford Group, Honda, FCA, Daimler Group, BMW Group, Mazda, and Subaru are some of the major automotive companies in the U.S. According to Coherent Market Insights, Toyota Group held the largest share in the passenger car sales, in terms of units, in the U.S. in 2016. Furthermore, Europe holds the largest share in the glow plug market.

Hybridization Trends in the Global Off-highway Vehicle Market, 2017-2025

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Price

USD 3000 Web Access (Regional License)

www.giiresearch.com/ce/625877

This aim of this study is to research, identify, and understand the global hybridization trends in select off-highway vehicle markets. OEMs and engine manufacturers are increasingly embracing the future Mega Trend of zero emissions by expanding their portfolio of powertrain options. The need to comply with the strengthening emission regulations and the need for lesser fuel consumption have led to off-highway OEMs and suppliers developing a range of hybrid technologies that will enable fuel savings of up to 50% as well as machinery with improved operability.

This study provides a strategic overview of the hybridization in the OHV industry globally (including North America, Europe, Asia, Rest of World), with a detailed look at market size forecasts from 2018 to 2025. The study also analyses the key drivers and restraints, market trends, growth opportunities, and the competitive landscape from 2017 to 2025. It also provides a market overview and the technology trends impacting select off-highway commercial vehicle markets.

Cold Chain Market in China 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

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Cold chain refers to an uninterrupted series of refrigerated supply chain activities. The activities include refrigerated storage and transportation of perishable products such as food and medicines, right from their post-production to the final point of consumption.

Technavio's analysts forecast the cold chain market in China to grow at a CAGR of 13.34% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the cold chain market in China for 2018-2022. To calculate the market size, the report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

Technavio's report, Cold Chain Market in China 2018-2022, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the market landscape and its growth prospects over the coming years. The report also includes a discussion of the key vendors operating in this market.

2018 China Logistics Real Estate Research Report

Published by Beijing Data Time Consulting Ltd.

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The demand for the rise of e-commerce and third-party logistics in the domestic logistics real estate industry has risen rapidly. However, there are restrictions on the supply of industrial land.

The huge supply and demand gap in the industry has led to a higher return on investment for logistics real estate compared to commercial and residential real estate.

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US Electric Vehicle Charging Equipment Market - Growth, Trends, and Forecast (2018 - 2023)

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In a world where oil is a limited resource, an alternate source of transportation fuel, like electricity, is not only a smart investment but is also an inevitable one. In the United States, about 70% of the oil consumed is used for transportation. The transportation sector is responsible for 28% of the total greenhouse gas emissions (GHG) in the country, and therefore, substituting EVs for gasoline-fueled cars presents an opportunity for a significant reduction in GHG emissions. Electric vehicles improve quality of life, reduce energy-spending, and decrease reliance on foreign oil, thereby, creating additional economic development opportunities for the future. Due to their potential environmental benefits, innovation spillovers, and an increase in the national energy security, electric vehicles attract huge investments from the government.

Many leading energy firms are increasingly entering into the refueling infrastructure market, for broader consumer acceptance in the overall electric vehicle market, across the world. For instance, on October 26, 2017, Enel, through its subsidiary, EnerNOC, announced the acquisition of a leading North American supplier of electric vehicle (EV) charging stations, eMotorWerks.

3D printing in Automobile

Published by Sagacious Research Private Limited

Pub. Date 2018/04/01

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USD 3000 PDF by E-mail

www.giiresearch.com/ce/621294

The "3D Printing in Automobile- Handbook of all Global inventions and recommendations" is a professional and in-depth study on the current state of the 3D printing technology in Automobile sector.

The report provides overall trends in the domain of 3D printing in the automobile industry thus highlighting the technology evolution (patent filing trends), primary countries of research, major market geographies, existing collaborations and opportunities, new entrants, key patents, most active law firms, prominent inventors and important IPC classes as well as key player's IP position in the domain of 3D printing.

The report focuses on detailed technology analysis of patents and applications published in the technology domain thus highlighting the focus of patents and applications relating to the production methods used in 3D printing, scanning and modelling techniques disclosed, materials used for 3D printing, applicable products being targeted and technical challenges faced.

The report also provides the complete snapshot of global major leading automobile industry players in this technology domain which includes but is not limited to the analysis of the major players in the domain focusing on their patent filing trends, their research centers, markets of interest, technology focus, partnerships, strategies and other important parameters.

EV Batteries and Materials: Technology, Trends, and Market Forecasts

Published by Information Network

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www.giiresearch.com/ce/421956

With more automakers aiming to market cheaper, longer-range plug-in cars, demand for lithium-ion automotive batteries is expected rise sharply in 2017.

The key to the market growth is the use of battery packs that are in some cases two to three times bigger than those employed in electric cars just five years ago. By incorporating bigger batteries, the new vehicles will offer greater all-electric ranges.

Unfortunately, high costs of lithium-ion battery cells have been one of the main hindrances to large-scale electric-car adoption, as they typically lead to higher purchase prices for electric cars than comparable internal-combustion models.

Because of improved chemistry, manufacturing processes and economies of scale, average electric-car battery costs continue to decline.

Battery pack prices are expected to halve to \$215 per kilowatt hour by 2020 from \$400/kWh now. Due to the rapid decline in this cost Exane BNP Paribas predicted that by 2025 automakers will generate bigger profit margins from EVs than from cars with internal combustion engines. As EV growth escalates, the industry would need a global battery production capacity of 600 gigawatt hours, enough to build 8.6 million cars with an average battery size of 70kWh.

Automotive Trailer Market by Trailer Type, Axle Type, Vehicle Type - Global Opportunity Analysis and Industry Forecast, 2017-2023

Published by Allied Market Research

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Automotive trailers are unpowered vehicles dragged by powered vehicles, which are used to transport goods and commodities. Industrial growth in the emerging economies and rise in manufacturing activities have a positive impact on the demand for automotive trailers. The report provides a detailed analysis of the market with reference to the trailer types.

Reduction in cost in terms of fuel consumption & emission, extra carriage capacity of the automotive trailers, and their environment-friendly nature drive the growth of the market. However, high maintenance cost and reduced resale value restrain the market growth. On the contrary, the development of the transportation and logistics industry is expected to provide lucrative growth opportunities for the market.

The global automotive trailer market is segmented into trailer type, axle type, vehicle type, and region. Based on trailer type, the market is categorized into dry van, box trailer, flatbed, tripper, refrigerated trailer, and others. Depending on axle type, it is bifurcated into single axle and tandem axle. By vehicle type, it is classified into two-wheeler, passenger car, and commercial vehicle. Based on region, the market is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

Global Electric Vehicle Battery Market - Growth, Trends, and Forecast (2018 - 2023)

Published by Mordor Intelligence LLP

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Price

USD 4250 PDF by E-mail (Single User License) ~

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www.giiresearch.com/ce/629114

In 2016, China lead the electric vehicle battery market, with 336,000 new electric cars being registered during the year. The electric car sales in China alone was more than double than the number of electric vehicles sold in the United States, where there were only 160,000 new registrations of electric vehicles. In European countries, the electric vehicle market remained concentrated within a limited number of countries. In Europe, the electric vehicle battery market was primarily lead by just six countries - Norway, the United Kingdom, France, Germany, the Netherlands, and Sweden. Across the globe, there were only ten countries that contributed significantly to the electric vehicle battery market - China, the United States, Japan, Canada, and the six leading European countries.

Policy Support Driving the Market

In the current market scenario, policy support is among the major factors driving the electric vehicle battery market, as policies have been lowering the barriers for electric vehicles adaptation. Policy support enables the growth of the market studied, by making vehicles appealing to consumers, reducing risks for investors, and encouraging manufacturers willing to develop electric vehicle or EV production on a large scale. In China, policies providing strong financial incentives and exemption of taxes spurred domestic growth. Similarly, in Norway, electric cars are exempted from acquisition tax, and BEVs or battery electric vehicles are exempt from 25% value-added tax (VAT) on car purchases. These policies are among other policies that play a significant role in the market's growth.
