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Automotive Aluminum Extrusion - Global Market Outlook (2020-2028)

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Abstracts

According to Stratistics MRC, the Global Automotive Aluminum Extrusion Market is accounted for $42.42 billion in 2020 and is expected to reach $79.69 billion by 2028 growing at a CAGR of 8.2% during the forecast period. Some of the key factors propelling the market growth include rise in consumer trend toward fuel-efficient vehicles across the globe, growing use of aluminum in chassis applications, vehicle closure parts, and body-in-white parts, surge in trade volume owing to rising bilateral trade among countries, and adoption of aluminum extrusion for manufacture of complicated parts. However, fluctuating price and high initial cost of aluminum are restraining the market growth.

Aluminum extrusion is a metal forming process in which aluminum alloy is converted into desired shape for a wide range of uses. The density of aluminum is one third of steel as resulting products offer high strength, flexibility, stability and its malleability property allows it to be easily machined and casted. With aluminum extrusion, different types of profile are manufactured including semi-closed profiles, closed profile, and open profiles.

By type, the sub-structures segment is likely to witness significant growth over the next eight years, owing to rise in demand for electric vehicles where aluminum sub-structure is widely used to increase vehicle range. Moreover, rise in demand for lightweight vehicles prompts major vehicle manufacturers to prefer aluminum material for sub-structure, which in turn is anticipated to boost the automotive aluminum extrusion market across the globe.

On the basis of geography, North America region is projected to have considerable market growth during the forecast period, owing to implementation of stringent emission

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norms and increasing disposable income in this region. In this region, OEMs are investing in R&D for manufacturing of light vehicles for fuel efficiency increases the demand of automotive aluminum extrusion. The regulatory frameworks imposed by the National Highway Traffic Safety Administration (NHTSA) and the Environmental Protection Agency (EPA) in the United States have been instrumental in creating an evolving environment for the automobile industry.

Some of the key players in Automotive Aluminum Extrusion Market include Novelis Inc., Omnimax International, Constellium SE, Innoval Technology, Bonnell Aluminum Extrusion Company, CAPALEX, Kaiser Aluminum Corp, KOBE STEEL LTD., UACJ Automotive Whitehall Industries, Inc., 3M, BENTELER International, ProfilGruppen Extrusions AB, SMS Schimmer, Walter Klein GmbH & Co. KG, Kobelco Aluminum Products & Extrusions Inc., and Norsk Hydro ASA.

Aluminum Grades Covered:

- 7000 Series
- 6000 Series
- 5000 Series

Types Covered:

- Alumium Space Frame
- Body Panels
- Sub-Structures
- Door Beam
- Seat Back Bar
- Front Side Rail
- Pillars

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Bumper System

Sub Frames

Vehicle Types Covered:

Utility Vehicles

Commercial Vehicles

Buses & Coaches

Minicompact (A Segment)

Supermini (B Segment)

Compact (C Segment)

Mid-size (D Segment)

Executive (E Segment)

Luxury (F Segment)

Passenger Vehicles

Products Covered:

Reverse Extrusion of Aluminum

Forward Extrusion of Aluminum

Applications Covered:

Interiors

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- Body Structure
- Chassis
- Engine Mount
- Exteriors
- Transmission
- Luggage Rack
- Driving Rod

Sales Channels Covered:

- Aftermarket
- Original Equipment Manufacturers (OEMs)

Regions Covered:

- North America
  - US
  - Canada
  - Mexico
- Europe
  - Germany
  - France
  - Italy

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- UK
- Spain
- Rest of Europe

Asia Pacific

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- China
- India
- Australia
- New Zealand
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- Rest of Asia Pacific

South America

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- Brazil
- Chile
- Rest of South America

Middle East & Africa

- Saudi Arabia
- UAE

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Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country-level segments

Strategic recommendations for the new entrants

Covers Market data for the years 2019, 2020, 2021, 2025 and 2028

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic analysis: Drivers and Constraints, Product/Technology Analysis, Porter’s five forces analysis, SWOT analysis, etc.

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up

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to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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Note: Tables for North America, Europe, APAC, South America, and Middle East & Africa Regions are also represented in the same manner as above.

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