

# Automotive Aluminum Castings And Market Trends

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### Automotive Aluminum Castings And Market

#### **Automotive aluminum castings and market trends**

Automotive aluminum castings and market trends Norberto F Vidaña Market Intelligence Manager Aluminum 2 Contents • NEMAK's overview • Industry overview • Market • Price forecast Disclaimer: This report is presented for informational purposes only It is not intended to be a comprehensive or detailed statement or report on any subject

#### **Automotive aluminum castings and market trends**

Automotive aluminum castings and market trends Norberto F Vidaña Market Intelligence Aluminum September 2-3, 2015 Dearborn, Michigan

#### **Automotive aluminum - Metal Bulletin**

Automotive aluminum castings and market trends Norberto F Vidaña Market Intelligence Aluminum November, 2015 Madrid, Spain 2 Contents • NEMAK's overview • Automotive Industry overview • Aluminum Market overview • Price trends Disclaimer: This report is presented for informational purposes only It is not intended to be a comprehensive

#### **Aluminum Castings; Trends and Opportunities**

Automotive OEM's; HOWEVER • Automotive is the Largest Aluminum Castings Market • Suppliers must find a way to deal with issues; they must: -4) Be a good supplier; must be on-time, have low ppms and be reasonably flexible regarding releases, etc -5) Be profitable; must price products to include reasonable margins and with a full

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### **Circumstances of the Automotive Industry Impact on ...**

Since then, aluminum castings have been replacing cast iron to reduce vehicle weight, and therefore, the expected future growth of aluminum castings in the automotive sector will still be linked to the positive competitive impact that CAFE regulation will exert to the automotive industry

### **Automotive Body Sheet Aluminum and Steel Market**

Aluminum and Steel Market All Raw Materials Consulting 1 Automotive Potential 2013 2025 automotive real-estate to: -Aluminum -Advanced Steel Aluminum Extrusions Aluminum VD Castings 33% 41% 23% 2% 1% 2025 B&C Part Volume

### **AUTOMOTIVE ALUMINUM GROWTH SURGE 2016-2028: ...**

Aluminum content 2015 to 2020: 50% of total aluminum growth driven by: closures, crash management, steering knuckles, structural vacuum die castings Aluminum content range by vehicle segment 262 PPV in the A/B segment passenger cars 550 PPV for the average pickup 2015 2020 Average Aluminum Pounds per Vehicle 397 466

### **Aluminium Market Outlook... trade rises to top of the agenda**

CRU's office locations CRU's reputation with customers across mining, metals and fertilizers is for integrity, reliability, independence and authority CRU's insights are built on a twin commitment to quality primary research and robust, transparent methodologies CRU invests in a global team of analysts, the key to gaining a real understanding of critical hard-to-reach

### **Unwrought Aluminum - USITC**

US market for unwrought aluminum is expected to rebound with improvements in the overall economy This report analyzes the unwrought segment of the US aluminum industry, including both primary aluminum and the recovery of aluminum scrap (secondary aluminum) (box 1) The report examines the production of both forms of aluminum, together with

### **Aluminum Casting Industry Novel Processing Techniques**

Automotive OEM's; HOWEVER •Automotive is the Largest Aluminum Castings Market •Suppliers must find a way to deal with issues; they must: -4) Be a good supplier; must be on-time, have low ppms and be reasonably flexibility re releases, etc -5) Be profitable; must price products to include reasonable margins and with a full

### **DUCKER WORLDWIDE THE ROAD AHEAD AUTOMOTIVE ...**

ALUMINUM SCRAP IS A MONEY MAKER IF PROPERLY HANDLED Source: Ducker Analysis The high value of aluminum scrap that is shredded and segregated by alloy is critical to the value proposition of aluminum stampings Coiled Aluminum Recovery and Scrap (10,000lb coil) Aluminum Body and Closure Scrap (3,300lbs) Good Assembled Parts 67% Blanking Scrap 8

### **The Global Market for Aluminium Castings to 2021**

Market for Aluminium Castings to 2021 which provides current market analysis for aluminium castings and demand forecast out to 2021, across key end-use segments, with the main focus on the transportation sector The Global Market for Aluminium Castings to 2021 provides coverage of the following key end use sectors: l Transportation sector;

### **Industry Statistics - The Aluminum Association**

Total Aluminum Demand 28,237 1000 Source: The Aluminum Association Domestic consumption totaled 248 billion pounds in 2018, while exports amounted to 34 billion pounds The transportation sector is the largest North American market for aluminum, accounting for 100

**High Pressure Die Casting in India Evolution of the Aluminium**

and this will significantly change the dynamics of the Aluminum High Pressure Die Casting Industry The automobile and electrical industry in India consumes 70% of die cast Aluminium parts The recent past has seen the birth of many alternate sources of power to propel vehicles

**U.S. AND CANADIAN FOUNDRY SHIPMENTS OF ALUMINUM ...**

Of the estimated 2,7198 million pounds of aluminum castings shipped by US foundries during 2009, about 194 percent was cast as wheels, 425 percent was used in all other automotive applications, and

**DUCKER WORLDWIDE AUTOMOTIVE LIGHTWEIGHTING ...**

North American Light Vehicle Aluminum Content Net Pounds per Vehicle @ 7% MR Scenario by 2028 Source: Ducker Analysis 1Q2017 ALUMINUM MARCHES INTO THE NEXT DECADE WITH UNPRECEDENTED GROWTH 17 Aluminum penetration set to grow dramatically within closures, bumpers and structural castings: Aluminum remains the fastest growing automotive material

**Global Perspectives Overview Trends in the Global Aluminum ...**

The US aluminum market is the largest, consuming about 10 mil-lion tonnes in products and imports in of automotive aluminum quadrupled between 1991 and 2005 Annual global and light truck aluminum content is castings for the components, such as engine blocks, cylinder heads, and

**Aluminum Casting Benefits for Construction, Agricultural ...**

The automotive market mandates to increase fuel efficiency while limiting carbon dioxide emissions has been a key driver for aluminum casting growth Therefore, aluminum castings are becoming vital in a wider range of automotive parts including safety critical components, engine cylinders, engine blocks, gear boxes, engine and transmission