

Global Shape Memory Alloys Market Survey and Trend Research 2018

<https://marketpublishers.com/r/G733A334877EN.html>

Date: December 2017

Pages: 88

Price: US\$ 2,600.00 (Single User License)

ID: G733A334877EN

Abstracts

SUMMARY

A shape memory alloy (SMA) is an alloy that 'remembers' its original shape and that when deformed returns to its pre-deformed shape when heated. This material is a lightweight, solid-state alternative to conventional actuators such as hydraulic, pneumatic, and motor-based systems. Shape-memory alloys have applications in industries including automotive, aerospace, and biomedical and robotics. Nickel-titanium alloys have been found to be the most useful of all SMAs. Other shape memory alloys include copper-aluminum-nickel, copper-zinc-aluminum, and iron-manganese-silicon alloys. The generic name for the family of nickel-titanium alloys is Nitinol.

This report describes the development of the industry by upstream & downstream, industry overall and development, key companies, as well as type segment & market application and so on, and makes a scientific prediction for the development industry prospects on the basis of analysis, finally, analyzes opportunities for investment in the industry at the end of the report.

Industry Chain

Raw Materials

Cost

Technology

Consumer Preference

Industry Overall:

History

Development & Trend

Market Competition

Trade Overview

Policy

Region (North America, Europe, Asia-Pacific, South America, Middle East, Africa):

Regional Market

Production Development

Sales

Regional Trade

Regional Forecast

Company (Nitinol Devices & Components, SAES Getters, G.RAU GmbH & Co. KG, ATI Wah-chang, Fort Wayne Metals, Fort Wayne Metals, Furukawa Electric, Nippon Steel & Sumitomo Metal, NipponSeisen, Metalwerks PMD, Ultimate NiTi Technologies, Dynalloy, Grikin, Saite Metal etc.):

Company Profile

Product & Service

Business Operation Data

Market Share

Investment Analysis:

Market Features

Investment Opportunity

Investment Calculation

Contents

PART 1 INDUSTRY OVERVIEW

- 1.1 Shape Memory Alloys Industry
 - 1.1.1 Definition
 - 1.1.2 Industry Trend
- 1.2 Industry Chain
 - 1.2.1 Upstream
 - 1.2.2 Technology
 - 1.2.3 Cost Structure
 - 1.2.4 Consumer Preference
 - 1.2.2 Downstream

PART 2 INDUSTRY OVERALL

- 2.1 Industry History
- 2.2 Development Prospect
- 2.3 Competition Structure
- 2.4 Relevant Policy
- 2.5 Trade Overview

PART 3 SHAPE MEMORY ALLOYS MARKET BY PRODUCT

- 3.1 Products List of Major Companies
- 3.2 Market Size
- 3.3 Market Forecast

4 KEY COMPANIES LIST

- 4.1 Nitinol Devices & Components (Company Overview, Sales Data etc.)
 - 4.1.1 Company Overview
 - 4.1.2 Products and Services
 - 4.1.3 Business Analysis
- 4.2 SAES Getters (Company Overview, Sales Data etc.)
 - 4.2.1 Company Overview
 - 4.2.2 Products and Services
 - 4.2.3 Business Analysis
- 4.3 G.RAU GmbH & Co. KG (Company Overview, Sales Data etc.)

- 4.3.1 Company Overview
- 4.3.2 Products and Services
- 4.3.3 Business Analysis
- 4.4 ATI Wah-chang (Company Overview, Sales Data etc.)
 - 4.4.1 Company Overview
 - 4.4.2 Products and Services
 - 4.4.3 Business Analysis
- 4.5 Fort Wayne Metals (Company Overview, Sales Data etc.)
 - 4.5.1 Company Overview
 - 4.5.2 Products and Services
 - 4.5.3 Business Analysis
- 4.6 Fort Wayne Metals (Company Overview, Sales Data etc.)
 - 4.6.1 Company Overview
 - 4.6.2 Products and Services
 - 4.6.3 Business Analysis
- 4.7 Furukawa Electric (Company Overview, Sales Data etc.)
 - 4.7.1 Company Overview
 - 4.7.2 Products and Services
 - 4.7.3 Business Analysis
- 4.8 Nippon Steel & Sumitomo Metal (Company Overview, Sales Data etc.)
 - 4.8.1 Company Overview
 - 4.8.2 Products and Services
 - 4.8.3 Business Analysis
- 4.9 NipponSeisen (Company Overview, Sales Data etc.)
 - 4.9.1 Company Overview
 - 4.9.2 Products and Services
 - 4.9.3 Business Analysis
- 4.10 Metalwerks PMD (Company Overview, Sales Data etc.)
 - 4.10.1 Company Overview
 - 4.10.2 Products and Services
 - 4.10.3 Business Analysis
- 4.11 Ultimate NiTi Technologies (Company Overview, Sales Data etc.)
- 4.12 Dynalloy (Company Overview, Sales Data etc.)
- 4.13 Grikin (Company Overview, Sales Data etc.)
- 4.14 Saite Metal (Company Overview, Sales Data etc.)

PART 5 MARKET COMPETITION

5.1 Companies Competition

5.2 Industry Competition Structure Analysis

- 5.2.1 Rivalry
- 5.2.2 Threat of New Entrants
- 5.2.3 Substitutes
- 5.2.4 Bargaining Power of Suppliers
- 5.2.5 Bargaining Power of Buyers

PART 6 MARKET DEMAND BY SEGMENT

6.1 Demand Situation

- 6.1.1 Industry Application Status
- 6.1.2 Industry SWOT Analysis
 - 6.1.2.1 Strengths
 - 6.1.2.2 Weaknesses
 - 6.1.2.3 Opportunities
 - 6.1.2.4 Threats

6.2 Major Customer Survey

6.3 Demand Forecast

PART 7 REGION OPERATION

7.1 Regional Market

7.2 Production and Sales by Region

- 7.2.1 Production
- 7.2.2 Sales
- 7.2.3 Trade

7.3 Regional Forecast

PART 8 MARKET INVESTMENT

8.1 Market Features

- 8.1.1 Product Features
- 8.1.2 Price Features
- 8.1.3 Channel Features
- 8.1.4 Purchasing Features

8.2 Investment Opportunity

- 8.2.1 Regional Investment Opportunity
- 8.2.2 Industry Investment Opportunity

8.3 Investment Calculation

8.3.1 Cost Calculation

8.3.2 Revenue Calculation

8.3.3 Economic Performance Evaluation

PART 9 CONCLUSION

List Of Tables

LIST OF TABLES

Table Global Shape Memory Alloys Market 2012-2017, by Type, in USD Million

Table Global Shape Memory Alloys Market 2012-2017, by Type, in Volume

Table Global Shape Memory Alloys Market Forecast 2018-2023, by Type, in USD Million

Table Global Shape Memory Alloys Market Forecast 2018-2023, by Type, in Volume

Table Nitinol Devices & Components Overview List

Table Shape Memory Alloys Business Operation of Nitinol Devices & Components (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table SAES Getters Overview List

Table Shape Memory Alloys Business Operation of SAES Getters (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table G.RAU GmbH & Co. KG Overview List

Table Shape Memory Alloys Business Operation of G.RAU GmbH & Co. KG (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table ATI Wah-chang Overview List

Table Shape Memory Alloys Business Operation of ATI Wah-chang (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Fort Wayne Metals Overview List

Table Shape Memory Alloys Business Operation of Fort Wayne Metals (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Fort Wayne Metals Overview List

Table Shape Memory Alloys Business Operation of Fort Wayne Metals (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Furukawa Electric Overview List

Table Shape Memory Alloys Business Operation of Furukawa Electric (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Nippon Steel & Sumitomo Metal Overview List

Table Shape Memory Alloys Business Operation of Nippon Steel & Sumitomo Metal (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table NipponSeisen Overview List

Table Shape Memory Alloys Business Operation of NipponSeisen (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Metalwerks PMD Overview List

Table Shape Memory Alloys Business Operation of Metalwerks PMD (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Ultimate NiTi Technologies Overview List

Table Shape Memory Alloys Business Operation of Ultimate NiTi Technologies (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Dynalloy Overview List

Table Shape Memory Alloys Business Operation of Dynalloy (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Grikin Overview List

Table Shape Memory Alloys Business Operation of Grikin (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Saite Metal Overview List

Table Shape Memory Alloys Business Operation of Saite Metal (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Global Shape Memory Alloys Sales Revenue 2012-2017, by Companies, in USD Million

Table Global Shape Memory Alloys Sales Revenue Share, by Companies, in USD Million

Table Global Shape Memory Alloys Sales Volume 2012-2017, by Companies, in Volume

Table Global Shape Memory Alloys Sales Revenue Share, by Companies in 2017, in Volume

Table Shape Memory Alloys Demand 2012-2017, by Application, in USD Million

Table Shape Memory Alloys Demand 2012-2017, by Application, in Volume

Table Shape Memory Alloys Demand Forecast 2018-2023, by Application, in USD Million

Table Shape Memory Alloys Demand Forecast 2018-2023, by Application, in Volume

Table Global Shape Memory Alloys Market 2012-2017, by Region, in USD Million

Table Global Shape Memory Alloys Market 2012-2017, by Region, in Volume

Table Shape Memory Alloys Market Forecast 2018-2023, by Region, in USD Million

Table Shape Memory Alloys Market Forecast 2018-2023, by Region, in Volume

List Of Figures

LIST OF FIGURES

Figure Shape Memory Alloys Industry Chain Structure

Figure Global Shape Memory Alloys Market Growth 2012-2017, by Type, in USD Million

Figure Global Shape Memory Alloys Market Growth 2012-2017, by Type, in Volume

Figure Global Shape Memory Alloys Sales Revenue Share, by Companies in 2017, in USD Million

Figure Global Shape Memory Alloys Sales Volume Share 2012-2017, by Companies, in Volume

Figure Production Development by Region

Figure Sales List by Region

I would like to order

Product name: Global Shape Memory Alloys Market Survey and Trend Research 2018

Product link: <https://marketpublishers.com/r/G733A334877EN.html>

Price: US\$ 2,600.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G733A334877EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970