Global CFD Market in the Industrial Machinery Sector 2015-2019

Description: Market outlook for the global CFD market in the industrial machinery sector

The need to reduce product design time and cost drives the global CFD in the industrial machinery market. The market research analysts project a CAGR of 11% over the next four years.

The market is witnessing a surge in the demand for CFD embedded with CAD. Customers prefer to adopt embedded solutions as it reduces the product development cycle time and simultaneously increases its efficiency. It enables engineers and other stakeholders to participate in product development and improve the collective product design. CFD and CAD-embedded software enable engineers to work on a single geometry, whereby changes made in one application directly get updated in others.

Geographical segmentation the global CFD market in the industrial machinery sector

APAC
Americas
EMEA

The major part of the revenue in the Global CFD market in industrial machinery sector was generated from the EMEA region mainly due to the presence of developed countries such as UK, Germany, and France.

Leading vendor analysis for the global CFD in the industrial machinery sector

ANSYS
CD-adapco
Dassault Systemes
Mentor Graphics
Exa

Other prominent vendors in this market include Altair, Autodesk, COMSOL, CEI, ESI Group, and MSC Software.

Some large product lifecycle management (PLM) and CFD vendors have started providing integrated CFD software to improve the efficiency and effectiveness of product development cycles. Many customers prefer this integrated software as it reduces the product development cycle time and increases its efficiency simultaneously.

Demand for application specific CFD in the industrial machinery market

Every industry has unique, customized process functions that give rise to the demand for special-purpose CFD software. Many core and large vendors are developing CFD software specific to the end-user industries and application requirement. EXA, one of the leading CFD providers, as a part of the growth strategy, is focusing on providing application specific CFD. The applications management team of the company focuses more finding new applications for the customers and providing a solution through new simulation product. The availability of application specific CFD will lead to higher demand for CFD during the forecast period.

Key questions answered in the report
- What are the key factors driving the global CFD market in the industrial machinery sector?
- What are the key Market trends impacting the growth of the global CFD market in the industrial machinery sector?
- What are the various opportunities and threats faced by the vendors in the global CFD market in the industrial machinery sector?
- Market shares for APAC, Americas, and EMEA?
- Key outcome of the five forces analysis on the global CFD market in the industrial machinery sector?
- Growth forecast of the global CFD market in the industrial machinery sector?

Related reports
Contents:

Table of Contents

PART 01: Executive summary
- Highlights

PART 02: Scope of the report
- Market overview
- Top-vendor offerings

PART 03: Market research methodology
- Research methodology
- Economic indicators

PART 04: Introduction
- Key market highlights

PART 05: Product life cycle management overview

PART 06: Market size and forecast
- Market overview

PART 07: Five forces analysis

PART 08: Geographical segmentation

PART 09: EMEA
- Market size and forecast

PART 10: Americas
- Market size and forecast

PART 11: APAC
- Market size and forecast

PART 12: Market drivers

PART 13: Impact of drivers

PART 14: Market challenges

PART 15: Impact of drivers and challenges

PART 16: Market trends

PART 17: Vendor landscape
- Competitive scenario

PART 18: Key vendor analysis
- ANSYS
- CD-adapco
- Dassault Systèmes
- Exa
- Mentor Graphics

PART 19: Other prominent vendors
- Altair
PART 20: Appendix
- List of abbreviations

PART 21: Explore the Author

List of Exhibits
Exhibit 01: Product offerings
Exhibit 02: Product life cycle management overview
Exhibit 03: Global CFD market in industrial machinery industry 2014-2019 ($ millions)
Exhibit 04: Five forces analysis
Exhibit 05: Global CFD market in industrial machinery industry by geographical segmentation 2014
Exhibit 06: CFD market in EMEA in industrial machinery industry 2014-2019 ($ millions)
Exhibit 07: CFD market in EMEA in industrial machinery industry 2014 (regional split)
Exhibit 08: CFD market in Germany in industrial machinery industry 2014-2019 ($ millions)
Exhibit 09: CFD market in France in industrial machinery industry 2014-2019 ($ millions)
Exhibit 10: CFD market in UK in industrial machinery industry 2014-2019 ($ millions)
Exhibit 11: CFD market in Americas in industrial machinery industry 2014-2019 ($ millions)
Exhibit 12: CFD market in Americas in industrial machinery industry
Exhibit 14: CFD market in Canada in industrial machinery industry 2014-2019 ($ millions)
Exhibit 15: CFD market in Mexico in industrial machinery industry 2014-2019 ($ millions)
Exhibit 16: CFD market in APAC in industrial machinery industry 2014-2019 ($ millions)
Exhibit 17: CFD market in China in industrial machinery industry 2014-2019 ($ millions)
Exhibit 18: CFD market in India in industrial machinery industry 2014-2019 ($ millions)
Exhibit 19: CFD market in South Korea in industrial machinery industry 2014-2019 ($ millions)
Exhibit 20: CFD market in Japan in industrial machinery industry 2014-2019 ($ millions)
Exhibit 21: Impact of drivers
Exhibit 22: Impact of drivers and challenges
Exhibit 23: ANSYS: Geographical segmentation by revenue 2014
Exhibit 24: Dassault Systèmes: Product segmentation by revenue 2014
Exhibit 25: Dassault Systèmes: Product segmentation by revenue 2013 and 2014 ($ billions)
Exhibit 26: Dassault Systèmes: Geographical segmentation by revenue 2014
Exhibit 27: Exa: Business segmentation by revenue 2015
Exhibit 28: Exa: Business segmentation by revenue 2014 and 2015 ($ millions)
Exhibit 29: Exa: Geographical segmentation by revenue 2015
Exhibit 30: Mentor Graphics: Business segmentation 2015
Exhibit 31: Mentor Graphics: Business segmentation by revenue 2014 and 2015 ($ millions)
Exhibit 32: Mentor Graphics: Geographical segmentation by revenue 2015
Exhibit 33: Autodesk: Business segmentation by revenue 2015
Exhibit 34: Autodesk: Business segmentation by revenue 2014 and 2015 ($ millions)
Exhibit 35: ESI Group: Business segmentation by revenue 2015
Exhibit 37: ESI Group: Geographical segmentation by revenue 2015

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