+44 20 8123 2220
info@marketpublishers.com

Industrial Robot Market Shares, Strategies, and Forecasts, Worldwide, 2015-2021

https://marketpublishers.com/r/ID1FE417DE9EN.html
Date: July 2015
Pages: 973
Price: US$ 4,000.00 (Single User License)
ID: ID1FE417DE9EN

Abstracts

LEXINGTON, Massachusetts (May 16, 2015) – WinterGreen Research announces that it has published a new study Industrial Robot: Market Shares, Strategy, and Forecasts, Worldwide, 2015 to 2021. The 2015 study has 1022 pages, 258 tables and figures. Worldwide Industrial Robot markets are poised to achieve significant growth as the automotive early adopter base provides a way for other industries to leverage economies of scale. Industrial Robot infrastructure in one industry makes it easier to extend product sets so that they are more available across all industries, remaking all manufacturing everywhere.

Controllers permit leveraging industrial robot technology to improve automated process via iteration of work cells. Using controllers to leverage efficiencies is an evolving art, extending the current state of the art. Robots can perform tasks at less cost, and do work in a manner that cannot be replicated with human manufacturing workers. Information technology is used to implement the services provided by controllers.

Growth prospects for the industrial robotics industry depend on market opportunity metrics relative to the different industries. Automotive investment levels globally have remained at historical highs. Increasing usage of robotic automation by non-automotive companies is driving the usage of industrial robot automation to a new level.

Increased adoption of industrial robots coupled with a huge push from the industry for collaborative robots, opens opportunities for robotic solutions. In the immediate future industrial robots strengthen the position of every industry, promising more manufacturing efficiency at every level.

The industrial robots have not yet achieved economies of scale, illustrating the market

+44 20 8123 2220
info@marketpublishers.com

opportunity that will come quickly after economies of scale are achieved. New technology and improved controllers open the path to economies of scale for industrial robots. As this occurs a new industrial revolution will occur. There are massive numbers of products offered by each major industrial robot vendor. Product consolidation is occurring in the market. Customization of a few products to increase product volume hold the promise of changing the market so it functions at a level that means devices that basically have eluded economies of scale in the past, will now be able to be mass produced.

A few leading vendors profiled in the report lead the market. ABB provides a comprehensive range of robots to help manufacturers improve productivity, product quality and worker safety. Regardless of application ABB has a robot to meet needs of the customer in any industry. ABB has installed 250,000 robots worldwide.

ABB's small IRB 120 multipurpose industrial robot weighs 25kg and can handle a payload of 3kg (4kg for vertical wrist) with a reach of 580mm. It is a cost-effective and reliable choice for generating high production outputs in return for low investment. A white finish Clean Room ISO 5 (Class 100) version, certified by IPA, is available.

With a global install base of nearly 300,000 industrial robots, Yaskawa Motoman has over 150 robot arm models currently in production. Well defined criteria help users find a robotic arm that suits industrial applications. Required payload, reach and repeatability specifications are market aspects. Each robotic arm model is paired with a robot controller that enables workers to program and control tasks of a single robot or coordinate multiple robot arms. Yaskawa. Motoman offers 40 fully integrated, pre-engineered work cell solutions. These work cells include robots, process equipment, and safety equipment. Cost-effective world solutions are available to meet requirements for safety and easy of use. Customers look for industrial robots that are easy to set up and operate. Industrial robots automate manufacturing, starting with automotive factories providing automated process stat is cheaper, more reliable, and proven. Industrial robots are changing the economics of manufacturing and materials handling in all industries. Industrial robots are poised to change every aspect of modern business.

Robots bring a new industrial revolution. Adoption of industrial robots in non-automotive applications is occurring in the electronics, chemicals, pharmaceutical, and food & beverages industries. Industrial robots have opened up new market opportunities. High installation costs have been largely overcome, making industries in developing markets available to vendors. The adoption of robots in underdeveloped countries occurs

+44 20 8123 2220
info@marketpublishers.com

because of the unavailability of skilled labor.

industrial robots are set to bring a new industrial revolution more important than anything seen before. Industrial robots perform repetitive tasks efficiently, they do not eat, they do not make mistakes, they do not get tired, they do what they are told.

Manufacturing plants are frequently long aisles of nothing but robots, no human in sight. Beyond industrial robots that repeat actions, more intelligent robots loaded with sensors, cameras, and intelligent software are able to automate process using controllers to manage action. Use of microprocessors provides a measure of intelligent control over the activity of the robot based on input from the sensors and the cameras.

Think about the current industrial revolution. Before the invention of the automobile, buggy whip manufacturing was a thriving business. No longer. In the same vein, industrial robots hold the promise of eliminating many of the existing jobs in manufacturing. Innovation, centers of excellence. New enterprises promise to replace many of the existing jobs. People need to be flexible, to develop new industries.

Increased adoption of industrial robots coupled with a huge push from the industry for collaborative robots, opens opportunities for robotic solutions. In the immediate future industrial robots strengthen the position of every industry, promising more manufacturing efficiency at every level.

The issue becomes creating jobs and building economies worldwide so people can afford to support a family and a lifestyle and buy the goods that are manufactured so efficiently. This new job creation market thrust will come from industry and government investment in innovation and centers of excellence.

Industrial robots promise to replace 70 to 90% of existing manufacturing jobs. People will learn new ways to achieve an economy, to achieve economic development. An economy needs to adjust, to be flexible if you gave pink slips to more than half the labor force.

According to Susan Eustis, principal author of the market research study, “Industrial robot vendors have discovered that with intelligent use of new technology, they can dominate an aspect of some manufacturing automated process for a particular sector. As the early adopters in the auto industry have proven, robots do the work cheaper and better than humans once a repetitive process has been evolved. Industrial robots make the difference between winning competitive advantage or losing it. Solutions offered by

+44 20 8123 2220
info@marketpublishers.com

vendors are creating market growth opportunities .”

Industrial robots can perform tasks faster and more accurately than humans. Increases in productivity are provided by industrial robots. Robots help reduce overall manufacturing costs in developing and developed countries. Markets are expected to rise 11.5% annually through 2021. Industrial robot markets at $22 billion in 2014 are anticipated to reach $48.9 billion by 2021.

WinterGreen Research is an independent research organization funded by the sale of market research studies all over the world and by the implementation of ROI models that are used to calculate the total cost of ownership of equipment, services, and software. The company has 35 distributors worldwide, including Global Information Info Shop, Market Research.com, Research and Markets, Electronics.CA, Bloomberg, and Thompson Financial.

WinterGreen Research is positioned to help customers face challenges that define the modern enterprises. The increasingly global nature of science, technology and engineering is a reflection of the implementation of the globally integrated enterprise. Customers trust WinterGreen Research to work alongside them to ensure the success of the participation in a particular market segment.

WinterGreen Research supports various market segment programs; provides trusted technical services to the marketing departments. It carries out accurate market share and forecast analysis services for a range of commercial and government customers globally. These are all vital market research support solutions requiring trust and integrity.

+44 20 8123 2220
info@marketpublishers.com

Contents

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

3. INDUSTRIAL ROBOT PRODUCT DESCRIPTION

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

4. INDUSTRIAL ROBOT TECHNOLOGY

+44 20 8123 2220
info@marketpublishers.com

5 ROBOT COMPANY DESCRIPTION

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

List Of Tables

LIST OF TABLES AND FIGURES

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

I would like to order

Product name: Industrial Robot Market Shares, Strategies, and Forecasts, Worldwide, 2015-2021
Product link: https://marketpublishers.com/r/ID1FE417DE9EN.html
Price: US$ 4,000.00 (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/ID1FE417DE9EN.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

Custumer 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