

# World Robotics 2017 Ifr

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## World Robotics 2017 Ifr

### **World Robotics 2017 - International Federation of Robotics**

20 Executive Summary World Robotics 2017 Industrial Robots The average global robot density is about 74 industrial robots installed per 10,000 employees in the manufacturing industry in 2016 The most automated countries in the world are the Republic of Korea, Singapore, Germany and Japan

### **Robot Investment Reaches Record 16.5 billion USD - IFR ...**

Shanghai, Frankfurt, September 18th, 2019 - The new World Robotics report presented by the International Federation of Robotics (IFR) shows an annual global sales value of 165 billion USD in 2018 - a new record 422,000 units were shipped globally in 2018- an increase of 6 percent compared to the previous year IFR forecasts shipments in

### **Global robot installations: high double digit growth rates**

Source: IFR World Robotics 2017 Bruno Schnekenburger and Gudrun Litzengerger Page 5 | 19 April 2018 +27% 27 60 +20% - +25% on average per year +32% China: Electronics industry became the most important customer and growth driver 0 5000 10000 15000 20000 25000 units

### **Universität Bern, 19th September 2018 INDUSTRIAL AND ...**

Source:IFR World Robotics 2017 +12% +12% +14% on average per year \*forecast N1 1961 8 2017: electronics, automotive and metal industry are main drivers Arturo Baroncelli 20 15 7 20 29 65 98 25 19 8 20 29 91 103 41 23 10 21 45 121 126 0 20 40 60 80 100 120 140 Unspecified Others

Food and beverages Plastic and chemical products Metal

### **Autonomous Robotics - Siemens**

robots will be sold there alone, according to the 2016 World Robotics Report, as published by the International Federation of Robotics (IFR) According to the Chinese Institute of Electronics, China's industrial robot market is expected to reach 422 billion US dollars in 2017 According to MIIT

### **WR Industrial Robots 2015 - uniroma1.it**

1 World Robotics 2015 Industrial Robots 2 World Robotics 2015 Service Robots 1 World Robotics 2015 Industrial Robots 2014: By far the highest volume ever recorded In 2014, robot sales increased by 29% to 229,261 units, by far the highest level ever recorded for one year Sales of industrial robots to all industries increased compared to 2013

### **2011 Executive Summary - uniroma1.it**

WORLD ROBOTICS 2010 VIII About 17,100 units were shipped to the Americas, 90% more than in 2009, reaching almost the level of 2008 In the United States robot shipments increased by 111% to 14,380 units in 2010 compared to 2009 The main drivers of the growth were the electronics industry and the metal industry, which

### **WR Industrial Robots 2014 Sicherung - uniroma1.it**

1 World Robotics 2014 Industrial Robots 2 World Robotics 2014 Service Robots 1 World Robotics 2014 Industrial Robots 2013: The highest number of industrial robots ever sold In 2013, robot sales increased by 12% to 178,132 units, by far the highest level ever recorded for one year Sales of industrial robots to the automotive, the

### **WR Industrial Robots 2013 - University of Washington**

1 World Robotics 2013 Industrial Robots 2012: Second highest number of robots sold in 2012 Robot sales slightly decreased in 2012 by 4% to 159,346 units, the second highest level ever recorded for one year The decline of robot sales to the electrical electronics industry was the main cause for the slight sales reduction Sales of industrial

### **WR Industrial Robots 2012 - uniroma1.it**

1 World Robotics 2012 Industrial Robots 2 World Robotics 2012 Service Robots 1 World Robotics 2012 Industrial Robots 2011: The most successful year for industrial robots since 1961 In 2011, robot sales again increased by 38% to 166,028 units, by far the highest level ever recorded for one year The trend towards automation - interrupted by

### **Fact Sheet - The Robotics & Automation Industry in Germany**

2017, with revenue of more than EUR 15 billion forecast for 2018 Global Market Growth According to the International Federation of Robotics (IFR), global industrial robot sales reached record levels in 2017 - with the international market value for robot systems estimated at around USD 40 billion The IFR ...

### **Zpráva IFR - hustota robotů na celém světě roste**

zdroj: studie World Robotics 2017, IFR Británie Čína Portugalsko Maďarsko Norsko Nový Zéland Thajsko Malajsie Polsko Mexiko Izrael Jihoafrická republika Turecko Argentina Řecko Rumunsko Estonsko Brazílie Chorvatsko Indonésie Rusko Filipíny Indie Asie Růst hustoty robotů v Číně je nejrychlejší na světě

### **ABB Robotics & Discrete Automation Investor Day**

The Robotics & Discrete Automation (RA) team February 26, 2020 Slide 3 Slide 14 1Management estimate incl B&R for Q1 2017 and Q2 2017 Resilient performance in a challenging environment Path to margin corridor 1Based on IFR World Robotics Industrial Robots 2019 report and management estimate 2Consumer Segments & Service Robotics

### **Robotics and the Future of Production and Work**

Companies around the world are increasing their use of robots According to the International Federation of Robotics (IFR), the global average for industrial robots per 10,000 manufacturing workers grew from 66 in 2015 to 85 in 2017<sup>1</sup> With integration of artificial intelligence and

### **Kurihara-Jun2017-12Dec-18-Workshop-original [□□□□□]**

International Federation of Robotics (IFR), "Executive Summary World Robotics 2017 Industrial Robots," September 2017 7Â0[ \ K Z p \ p ° \ M ð æ @ "L , z Slide No 3 Jun KURIHARA, Canon Institute for Global Studies (CIGS) a#ú b ß Î µ °#Ø #Ø #Ý ß Î µ °

### **The impact of robotics in the growth and economic ...**

computing and vision systems are causing the robotics market to nearly triple in value According to the International Federation of Robotics World Robotics 2018 Service Robots report, the combined market value for 2019 through 2021 for professional service robots is estimated to be worth USD 37 Billion (IFR, 2018)

### **PUTTING ROBOTS TO WORK - AlphaCentric Funds**

have been automating facilities in Europe and the US The International Federation of Robotics estimates that 9,9 00 robots were installed in Central and Eastern Europe in 2017, up 28% from the ye ar before Further, the IFR projects a 21% CAGR in robot shipments by the end of this decade 20 15 7 20 29 65 98 24 19 8 20 29 91 103 41 23 10 21