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Executive Summary World Robotics 2017 Industrial Robots 21

followed by Japan which had the highest robot density up to 2012 (1,562 robots per 10,000 employees in the automotive industry).

Since then, the rate has been decreasing to 1,240 robots in 2016.

France reached a robot density of 1,150 units, Germany 1,131 units and Spain 1,051 units.

~~World Robotics 2017 – International Federation of Robotics~~

"The International Federation of Robotics is here to provide a reliable and highly trained professional network for the robotics community. By sponsoring the International Symposium on Robotics (ISR), the IFR stands as a major driver for researchers and engineers from around the globe, allowing them to present their pioneering works in service and industrial robotics."

~~International Federation of Robotics~~

The World Robotics Report 2017, released today by the International Federation of Robotics (IFR) forecasts 18% growth in industrial robot installations for 2017, with growth of about 15% forecast for 2018–2020. Stronger-than-expected growth in the global economy, faster business cycles, greater variety in customer demand, and the emergence and expected scaling up of “Industry 4.0” concepts are all factors behind the optimistic forecast.

~~Cobots forecasted accelerating growth through 2020~~

The International Federation of Robotics released its latest World Robotics Report today, showing a record high 381,000 industrial robots shipped globally in 2017. In addition, with \$16.2 billion in sales volume in 2017, global sales have now increased by 114%

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over the last five years (2013-2017).

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~~Global Industrial Robot Sales Doubled Over Last Five Years ...~~

The International Federation of Robotics (IFR) today released its annual World Robotics Report, which showed an annual global sales value of \$16.5 billion in 2018. The IFR said 422,000 were shipped globally in 2018, an increase of 6% compared with 2017 shipments. However, the group said shipments in 2019 will recede from the record levels in 2018, but also expects an average growth of 12% per year from 2020 to 2022.

~~World Robotics Report: Global Sales of Robots Hit \$16.5B ...~~

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~~International Federation of Robotics~~

Global sales in service robots for professional use will increase by 12% by the end of 2017 to a new record of 5.2 billion (USD), while the market is expected to grow at a rate of 20 to 25% from 2018 to 2020, according to the International Federation of Robotics (IFR) report, World Robotics 2017 Service Robots.

~~International Federation of Robotics: Global market for ...~~

“The stock of industrial robots operating in factories around the world today marks the highest level in history,” says Milton Guerry, President of the International Federation of Robotics. “Driven by

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the success story of smart production and automation this is a worldwide increase of about 85% within five years (2014-2019).

~~IFR presents World Robotics Report 2020 – International ...~~

Downloads with information on World Robotics 2020 - Industrial Robots and Service Robots are available under Free Downloads. World Robotics 2020 was published on 24 September 2020. You may place your order for World Robotics 2020 here. If you click on purchase you will be forwarded to the VDMA shop. Please note: We don't grant any discounts.

~~International Federation of Robotics~~

The International Federation of Robotics is a professional non-profit organization established in 1987 to promote, strengthen and protect the robotics industry worldwide. Factory automation with KUKA industrial robots for palletizing food products like bread and toast at a bakery in Germany The Mars rover as an example for a mobile service robots

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~~International Federation of Robotics: France Outperforms ...~~

The International Federation of Robotics (IFR) started its first CEO Roundtable discussion at the AUTOMATICA in Munich in 2010. ... World Robotics Report 2019 ... World Robotics Report 2017 ...

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International Federation of Robotics. Representing the global robotics industry • Robotics turnover 2016: \$40 billion • More than 50 members: • National robot associations ... Source: IFR World

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Robotics 2017. Steven Wyatt, IFR Executive Board . Today's trends, tomorrow's robots!

~~How robots conquer industry worldwide~~

The sales value increased by 21% compared to 2016 to a new peak of US\$16.2bn in 2017. Junji Tsuda, President of the International Federation of Robotics, said: "Industrial robots are a crucial part of the progress of manufacturing industry. Robots evolve with many cutting-edge technologies.

~~Global industrial robot sales double over past five years ...~~

A record 381,000 industrial robots were shipped globally in 2017, according to the latest International Federation of Robotics (IFR) World Robotics Report. The new figure represents an increase of 30 percent, which means annual sales volume of industrial robots increased by 114 percent over the last five years (2013-2017).

~~Top 5 industrial robotics markets—The Robot Report~~

Steven Wyatt (ABB, Switzerland) has been elected as the new President of the International Federation of Robotics by its Executive Board. Wyatt succeeds Junji Tsuda (Yaskawa Electric Corporation), who has served in the rotating post since December 2017. Milton Guerry (SCHUNK, USA) has been appointed as IFR's new Vice President.

~~International Federation of Robotics elects Steven Wyatt ...~~

The International Federation of Robotics is the voice of robotics in the world. We connect the community around the globe. Our members come from the robotics industry, national or international...