

***The use of robots and its
integration into machine automation
until 2018 in the German machinery industry***



Highlights 1, table of contents 3, budget 8

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– Highlights of the study –

The highlights of the study for your purchase decision

Up-to-date requirement trends

You will use up-to-date requirement trends, because the recording period is February/May 2015. The requirement trends are representative because 36% of the nearly 650 machine-builders with 100 and more employees in the ten automation-relevant sectors of the German machinery industry were investigated.

Focus on automation-relevant machinery industry

The study is focused on applications of robots in the ten sectors building/glass/ceramic machines, printing/paper-handling machines, conveyer, rubber and plastics machines, wood processing machines, food processing machines, robotics and automation, textile machines, packaging machines and machine tools. The well-known fields of application of welding and varnishing robots for the automobile industry were not investigated.

Part 1 delivers all crucial numbers about market penetration for your planning

The market penetration of robots at the machines until 2018 from the view of the machine-builders (part 1) provides all crucial numbers for your planning. Among them the market shares of machines with robots, the number of robots, the number of robots per machine, the growth sectors for the use of robots, the market shares and market volumes of the types of robot belong as well as the classification of their applications.

Robot use differentiates in purchased robots, in-house solutions or mixed solutions

The engineering of the application of robots (part 2) differentiated whether robots are used as purchased robot, in-house solution of the machine-builders or as mixed solutions. This identifies the market shares in the robot use that will open up either for robot suppliers or automation suppliers to 2018.

Engineering differentiates in-house, external engineering or combinations

The study differentiates further the engineering of the application of robots into the market shares of in-house, external or mixed engineering of the machine-builders. That provides the fundament for new or evolutions of engineering tools.

The integration forms of robot control and machine control

You get to know the market shares of the various integration forms until 2018 in part 3 providing a reliable basis for your planning regarding integration concepts resp. their evolution.

The overall view for your total or partial solutions

The analysis brings together the forms of the robot, purchased robots or in-house solutions, with the forms of the engineering, in-house or external engineering and the forms of the integration of robot control and machine control. This combination leads to resulting types of the complete application of robots and their market shares until 2018. That offers an indispensable roadmap for robot suppliers and automation suppliers for the evolution of the own product and service portfolio.

Qualified, quantified and concrete requirement trends for your decisions

The analysis combines qualitative trends with their quantification until 2018 and their concretization by concrete statements of the machine-builders. The study shows 260 concrete statements of the machine-builders related to the trends.

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– Budget –

**The use of robots and its integration into machine automation
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3,900 €

- 123 pages, 49 figures, 16 tables, appendix 17 tables
- 260 statements of the machine-builders
- Contents according to transmitted table of contents
- Spiral-bound, colored print output in English language

Invoice after delivery. Terms of payment are 14 days net. VAT is in addition to the price.