

***The engineering of the  
automation technology at the machines  
until 2017 in the German machinery industry***



**Highlights, table of contents, budget**

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**- Highlights of the study -**

**The 9 highlights of the study for your purchase decision**

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1. You are using top up-to-date demand trends as recorded May/July 14. The demand trends are representative because 23% of the scarcely 650 machine-builders with 100 and more employees in the 10 automation-relevant sectors of the German machinery industry were investigated.
2. The study specifies an engineering system as programming environment resp. software platform. The study clarifies the use of one or more engineering systems and for which of the eight functional areas of automation (control system, Safety, operation/visualization, drive converters, motion control, robot control, fieldbuses/Ethernet, I/O level) one or several engineering systems are used and how the use will change to 2017.
3. You get to know the implemented makes of the engineering systems and to which extent the machine-builders are using them as single engineering system.
4. For suppliers of integrated total solutions the study reveals the functional areas that should be covered by your engineering systems to 2017. Suitable recommendations are subject to the suppliers of integrated partial solutions.
5. You get to know the current status of determining factors for engineering, i.e. the role of software as competitive advantage, the realization of mechatronics at the machines, in particular the role of mechatronic software modules.
6. The study opens a comprehensive view on fundamental conditions for engineering: A new classification of the machine-builders connects the different machine types (series, special-purpose machines, plants) with the engineering quantifying these new segments until 2017. The analysis of the economic structure identifies the trend-determining part of the machinery industry.
7. You get to know the preferred automation structures at the machines to 2017 as well as the positions of suppliers for the individual automation areas (single supplier, main supplier, changing suppliers, in-house solutions).
8. Quantified changing trends focus on where dynamic changes will occur or high market volumes will get in motion until 2017.
9. 220 detailed statements of the machine-builders concretize structures and trends.

The study enables a focused development of engineering systems, a targeted product development for automation structures and a future-oriented market processing.

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**- Budget -**

<b>The engineering of the automation technology at the machines until 2017 in the German machinery industry</b>	<b>€1,950</b>
<ul style="list-style-type: none"><li>- 136 pages, 63 figures, 33 tables, appendix 15 tables</li><li>- 220 statements of the machine-builders</li><li>- Contents according to submitted table of contents</li><li>- spiralbound, colored print issue in English language</li></ul>	

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