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- Support in all matters of after-sales service
- Worldwide training for Beckhoff system components

Support, Service, Training

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- ▶ www.beckhoff.com/training

704	Support
705	Service
706	Training

707	<u>EtherCAT Developer Training</u>
707	EtherCAT technology basics for developers TR8110
707	EtherCAT workshops for developers TR8100, TR8200

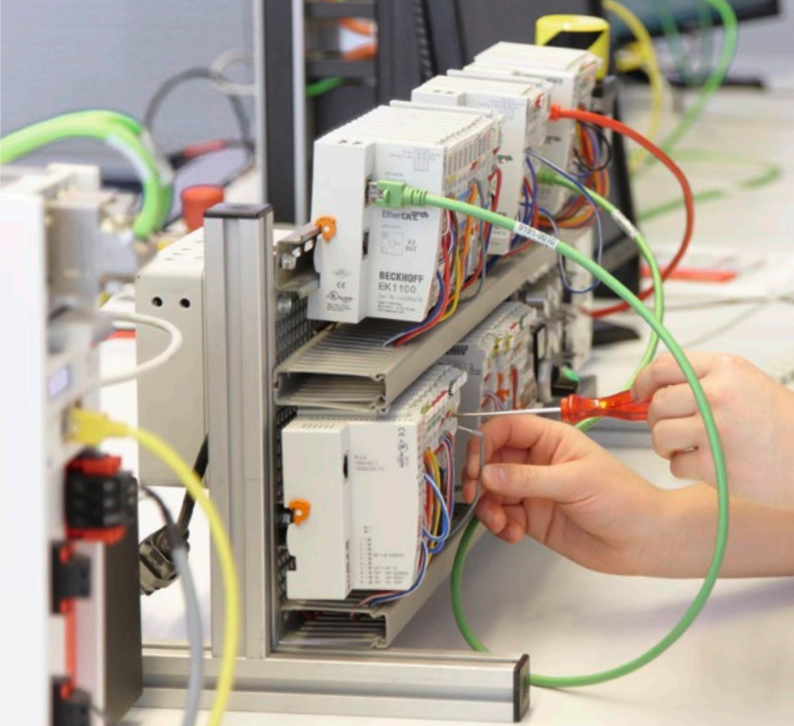


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Beckhoff offers a comprehensive training program worldwide for Beckhoff system components. The training takes place at training centres at the headquarters in Germany or at the Beckhoff subsidiaries. Please contact the appropriate companies in your country with regard to training with the partner firms around the world. For addresses see page **12**



EtherCAT Developer Training

TR8xxx | EtherCAT seminar and workshops for developers

The seminar (TR8110) is aimed at developers as recommendable preparation before attending one of the mentioned workshops below. In this seminar basic EtherCAT knowledge is conveyed.

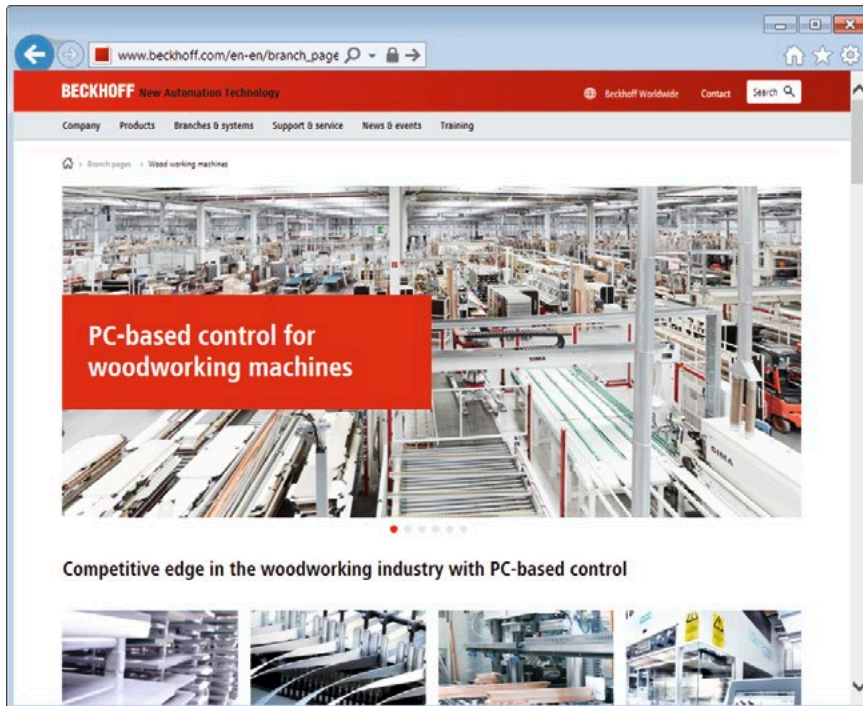
Both workshops are aimed at developers of EtherCAT slave devices (TR8100) or EtherCAT master devices (TR8200). In addition to theoretical content these workshops also include practical exercises. It is assumed that workshop participants have access to an EL9820 evaluation kit (slave workshop) or the ET9200 Master Sample Code (master workshop). Basic EtherCAT knowledge is assumed.

The workshops are held in German or English by developers in manageable groups so that individual interests can be addressed.

TR8110	EtherCAT technology basics for developers
Ordering information	training location: Nuremberg, Germany
	duration: 1 day
Further information	course contents and requirements see www.beckhoff.com/training
TR8100	EtherCAT evaluation kit workshop for slave developers
Ordering information	training location: Nuremberg, Germany
	duration: 1 day
Further information	course contents and requirements see www.beckhoff.com/training
TR8200	EtherCAT Master Sample Code workshop for master developers
Ordering information	training location: Nuremberg, Germany
	duration: 1 day
Further information	course contents and requirements see www.beckhoff.com/training

PC Control – The universal and industry-independent control solution

► www.beckhoff.com/applications



PC Control "The New Automation Technology Magazine"

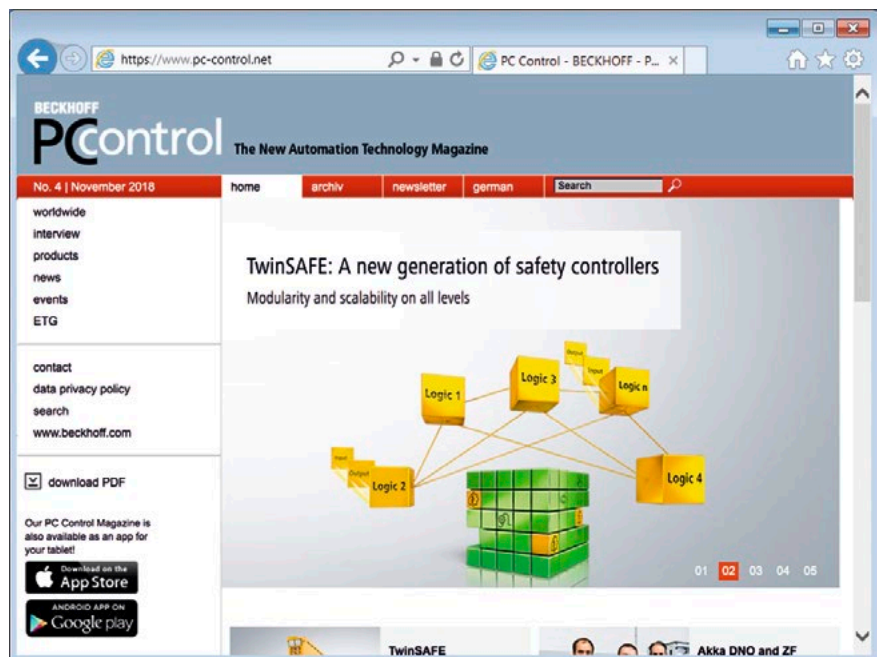
► www.pc-control.net



Order no. DK600x

PC Control Magazine

PC Control is issued four times per year and includes general automation technology reports, particularly from the areas of IPC, I/O, Motion and Automation, and PC-based control technology. The online version of the Beckhoff company magazine can be found at www.pc-control.net. All contributions are available both in German and in English as web pages or as PDF files. The reports are supplemented with links to background or other additional information. The previous issues of PC Control are available in the archive for online viewing or for downloading.



PC Control. Also available as an app.

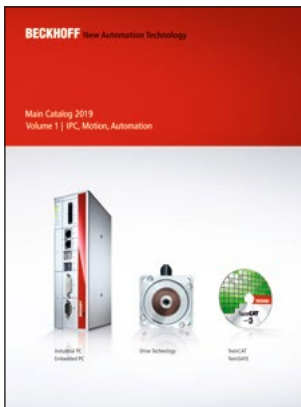
Download our app for the e-paper of PC Control Magazine free of charge and browse through all articles of the print edition wherever you are. View also additional information in a multimedia format optimised for your tablet – picture galleries, podcasts and videos provide an interactive and inspiring viewing experience.



Print media

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Products & technologies



Order no. DK111x

Main Catalog 2019
Volume 1 | IPC, Motion,
Automation



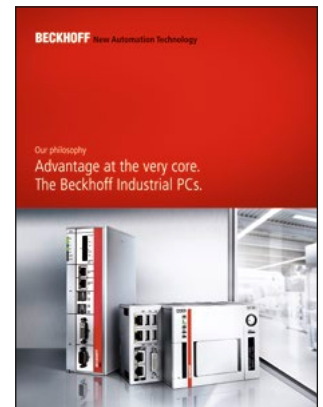
Order no. DK130x

News Catalog



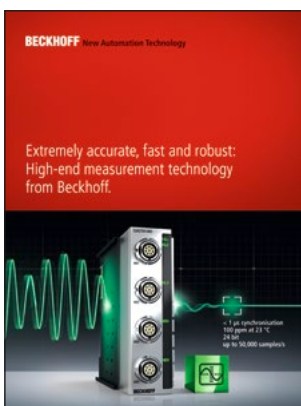
Order no. DK140x

Product Overview



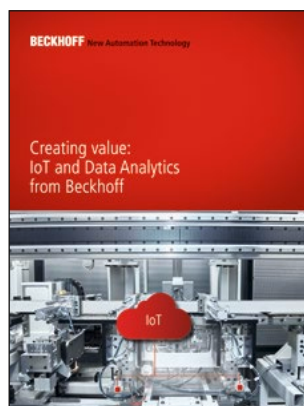
Order no. DK312x

Industrial PCs



Order no. DK338x

High-end measurement
technology



Order no. DK337x

IoT and Data Analytics



Order no. DK340x

AX8000



Order no. DK336x

TwinCAT HMI

Applications & solutions flyers



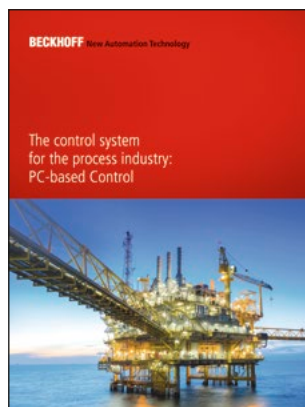
Order no. DK357x

Wind Energy



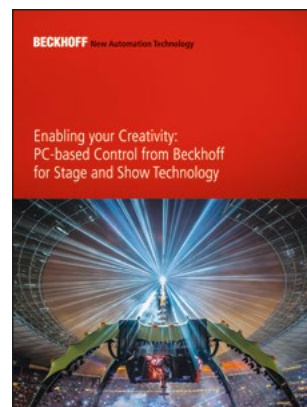
Order no. DK365x

Shipbuilding



Order no. DK367x

Process Industry



Order no. DK364x

Stage and Show Technology



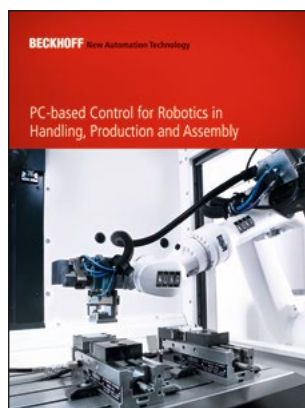
Order no. DK351x

Wood Industry



Order no. DK354x

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Order no. DK358x

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Order no. DK377x

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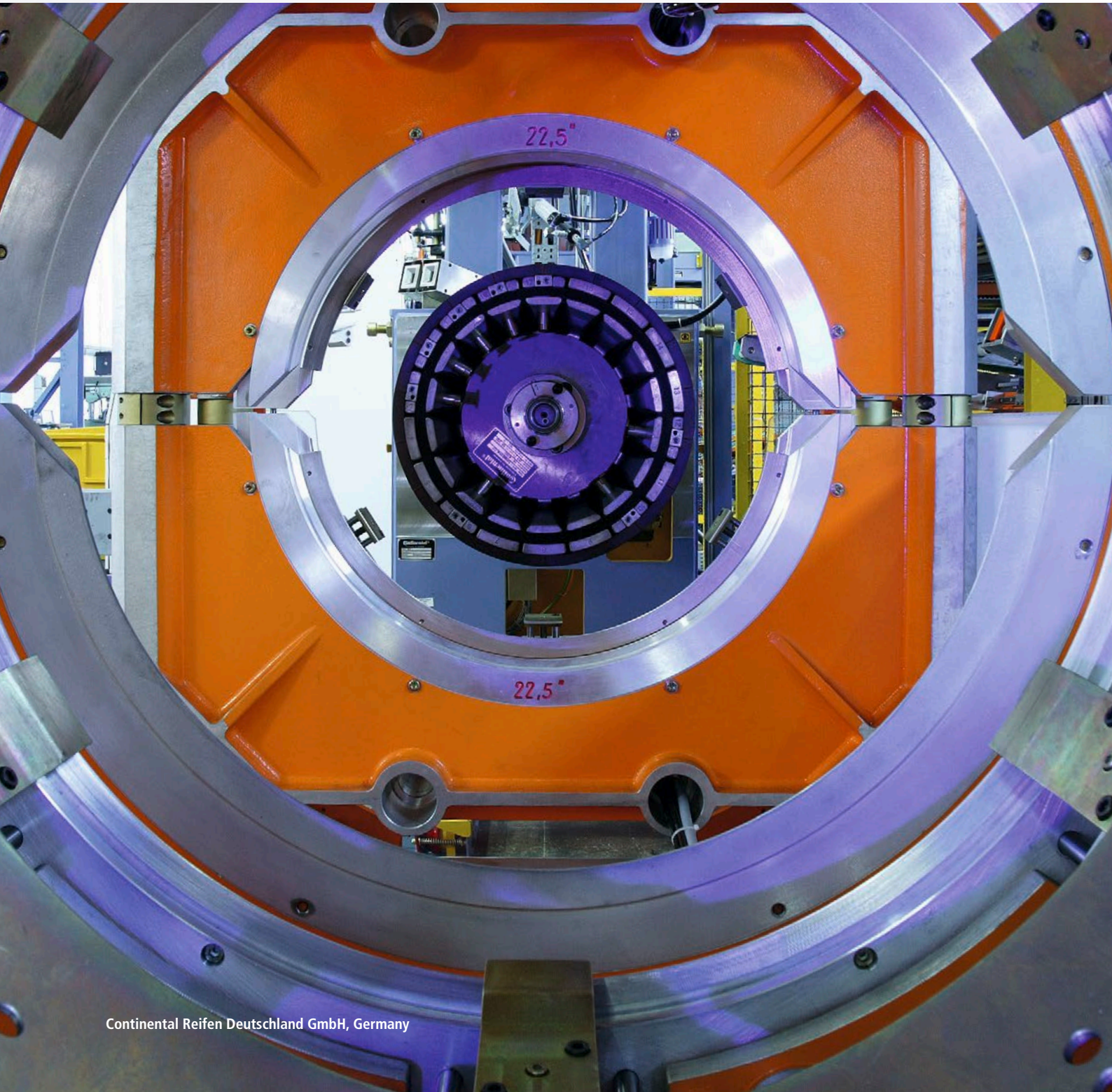
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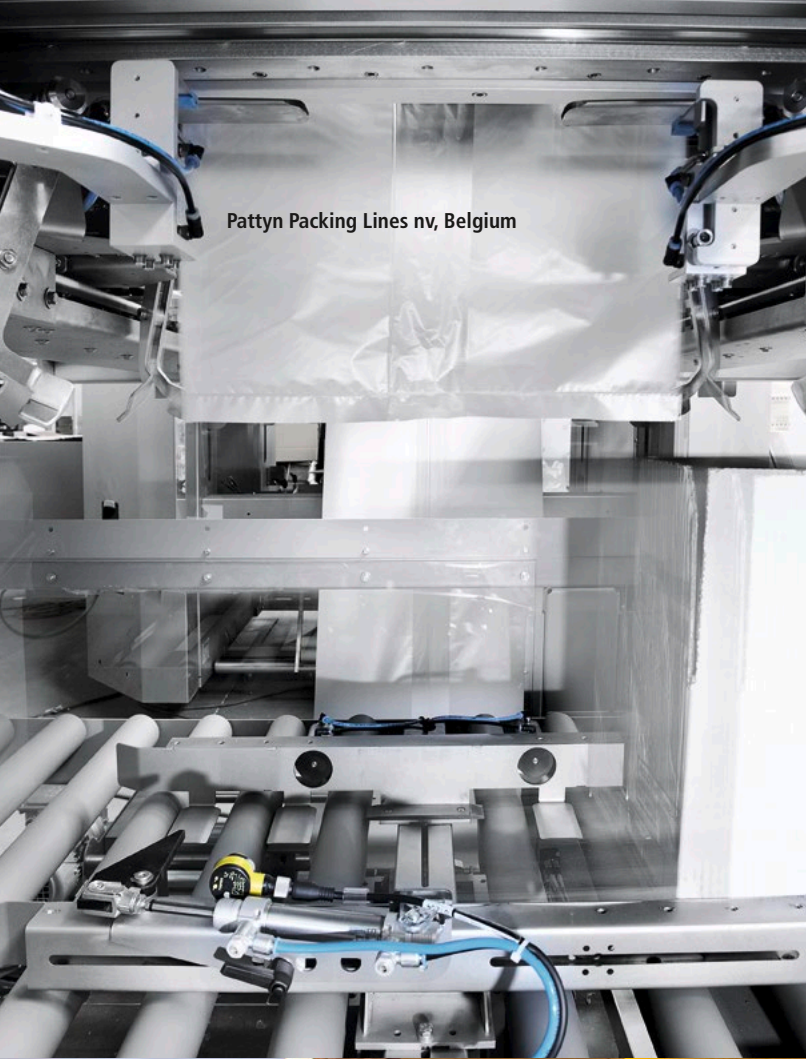


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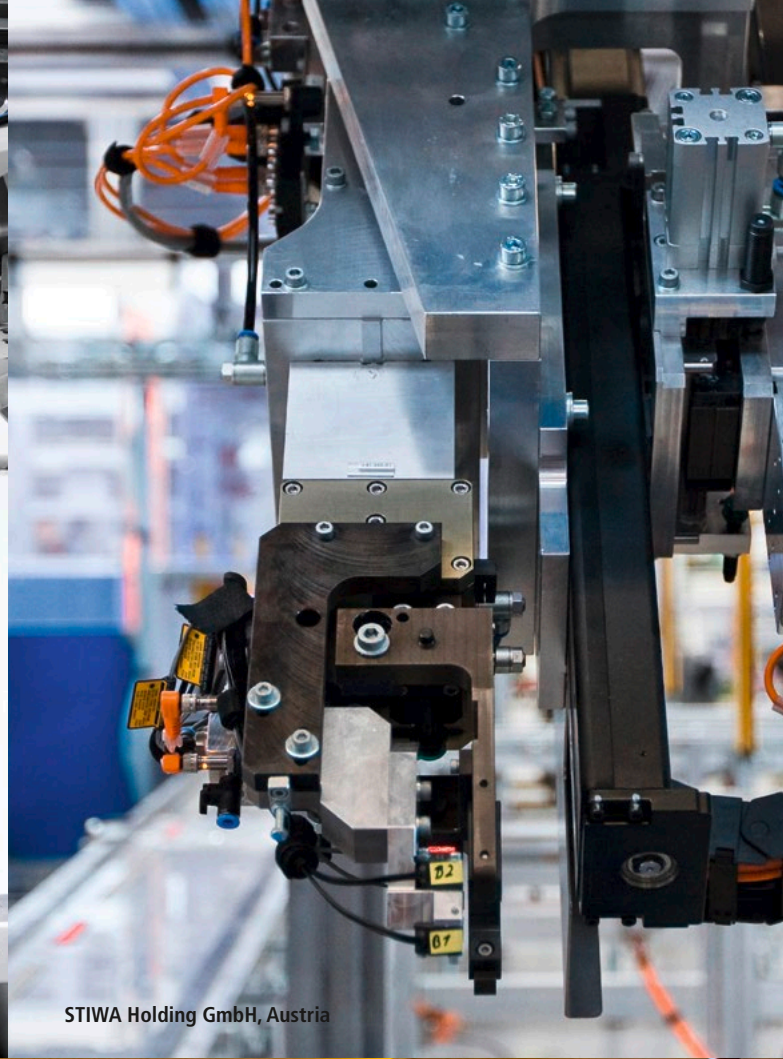
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International units | Measures, weights and temperature

Linear measures	
1 inch (in)	25.4 mm
1 foot (ft)	30.48 cm

Square measures	
1 square inch (sq in)	6.4516 cm ²
1 square foot (sq ft)	0.09290306 m ²

Weights	
1 pound (lb)	453.59237 g
1 ounce (oz)	28.3495 g

Fahrenheit (°F)	Celsius (°C)
$t_F = 9/5 * t_C + 32$	$t_C = 5/9 * (t_F - 32)$

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