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4.20

## Trade fairs & training dates 2021

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**Mobile automation system for trial plot lifter PUMA III**

## Trade fairs & training dates 2021

As far as Covid-19 developments allow, we will be attending the following trade fairs in 2021. A trade fair list with all current information can be found on our [website](#). Of course, we will also be offering many interesting training courses in 2021. The training dates in spring 2021 will be offered „remotely“ due to the current circumstances. You can find all training dates listed within our [training overview](#). There you can also find out more about the training content and register online.

If you have any questions, please do not hesitate to contact us at [training@proleit.com](mailto:training@proleit.com).

Until then, we wish you wonderful holidays and a healthy and successful 2021!

	Trade fair	City/ Country	From	Until
Germany	Solids	Dortmund	06-16-2021	06-17-2021
	European Coatings Show	Nuremberg	09-14-2021	09-16-2021
	drinktec	Munich	10-04-2021	10-08-2021
	iba	Munich	10-24-2021	10-28-2021
International	Dairy Tech	Moscow/ Russia	01-26-2021	01-29-2021
	Business Days Twente	Enschede/ Netherlands	02-10-2021	02-11-2021
	Dairy Vision	Campinas/ Brazil	03-10-2021	03-11-2021
	Feira Brasileira da Cerveja I Brazilian Beer Fair	Blumenau/ Brazil	03-11-2021	03-14-2021
	Craft Brewers Conference	San Diego/ USA	03-29-2021	04-01-2021
	Cheese Expo	Milwaukee/ USA	04-06-2021	04-08-2021
	Annual ODI Conference	Salem/ USA	04-13-2021	04-14-2021
	ADPI/ABI Conference	Chicago/ USA	04-25-2021	04-27-2021
	Dairy Innovation Summit	Virtual conference	04-27-2021	04-28-2021
	Bakery China	Shanghai/ China	04-27-2021	04-30-2021
	Craft Beer China	Shanghai/ China	05-12-2021	05-14-2021
	Beer Sochi	Sochi/ Russia	05-18-2021	05-20-2021
	Membrane Technology Forum	Minneapolis/ USA	06-15-2021	06-17-2021
	Expopak	Guadajlajara/ Mexico	06-15-2021	06-17-2021
	Fispal Tecnologia	São Paulo/ Brazil	06-22-2021	06-25-2021
	food & drink technology Africa	Johannesburg/ Africa	07-13-2021	07-15-2021
	Healthcare Packaging Expo	Las Vegas/ USA	09-27-2021	09-29-2021
	Food Tech Summit & Expo	Mexico City/ Mexico	09-29-2021	09-30-2021
	Trends in Brewing, Beer & Society	Gent/ Netherlands	10-17-2021	10-20-2021
	Alimentaria Foodtech	Barcelona/ Spain	10-19-2021	10-22-2021
ADPI/ Dairy Technology Week	Reno/ USA	10-25-2021	10-28-2021	
Sea Brew	Taipei/ Taiwan	11-04-2021	11-05-2021	
Biobased Coatings Europe	Amsterdam/ Netherlands	11-25-2021	11-26-2021	

## News: ProLeiT AG becomes ProLeiT GmbH

[www.proleit.de](http://www.proleit.de)

As already announced in August, Schneider Electric is expanding its portfolio by merging with ProLeiT, thereby strengthening its strategic focus on comprehensive and software-supported automation.

Another stage of the merger is the change of the corporate form to a GmbH (limited liability company), which has taken place on 09.12.2020. At the same time, the commercial register number at the district court of Fürth changed to HRB 18451. With the registration, the change from ProLeiT AG to ProLeiT GmbH is legally effective. Wolfgang Ebster and Dirk Nähring remain the managing directors of ProLeiT GmbH.

If you have any further questions regarding the change of our corporate form, please do not hesitate to contact us at [marketing@proleit.com](mailto:marketing@proleit.com).



## KWS SAAT SE & Co.KGaA: Mobile automation system for trial plot lifter PUMA III

[www.kws.com](http://www.kws.com)

Boasting around 5,550 employees and over seventy subsidiaries and associated companies, which most recently generated an annual revenue of over €1.1 billion, the KWS Group is the world's fifth-largest seed producer. The company, based in Einbeck, Germany, invests almost a fifth of its annual revenue in research and development work. The focus is primarily on new, higher-yielding seed varieties that are adapted to the climatic and geological conditions of the respective field locations and the specific local agricultural situation.

The successful breeding of special sugar beet varieties has played a major role at KWS since day one; particularly as a driver of economic development. Throughout its 165-year history, the company has always understood how to utilise expanding technological possibilities for its own future. The latest example of this is the application of multi-functional vehicles called 'PUMA' (the German abbreviation for plot lifter and measured value analysis), which combine the agricultural process of harvesting sugar beet with the use of mobile laboratories to evaluate various harvest yields and qualities. PUMA I+II as well as their predecessors Beet Mobil I+II (trucks with process engineering and integrated laboratory) have been testing quality and yield levels on sugar beet trial plots throughout Europe since the early 2000s.



The PUMA III project commenced at the beginning of 2018. In contrast to its predecessors, PUMA III is designed exclusively for use on KWS France trial plots, generally located in northern France. Vehicle construction was carried out by KWS SAAT SE & Co. KGaA. KWS commissioned ProLeiT to install the process control system. Successful cooperation between KWS and the German software manufacturer provided the basis for continuity: Six machinery buildings in Einbeck, one plant in France



and – for field usage – Beet Mobil I+II and PUMA I + II lifters had previously been automated by ProLeiT.

Quite unusual for the automation specialists from Herzogenaurach: Implementation of the process control system for mobile use. A different approach was required, above all, for the actual power supply. In contrast to normal 'stationary' applications,

the brief was to design hardware components to run off a 24-volt car battery. Equally remarkable: Test results are transmitted to the seed breeders in Einbeck exclusively via mobile communications. A particular challenge of the mobile application was the fact that the recording and transmitting of data for the entire process had to be set up in a fail-safe manner.

Based on the experience gained from equipping PUMA I+II vehicles, the project was completed almost without incident; the schedule was met in full. In September 2019 – just in time for the sugar beet harvest – PUMA III in Roye was able to commence operation and supply the first successful trial results to its operators.

You can find the full case study [here](#).