



Latvia takes pride in doing what Latvia is best at! or Latvian manufacturers at Tech Industry 2015

Automated stores, bobs and skeleton sleds, 3D printers, unmanned aerial vehicles ... all produced in Latvia will be showcased at "Tech Industry 2015" at Kipsala International Exhibition Centre from 26–28 November.

"We would like to get rid of a deep rooted stereotype that Latvia manufactures almost nothing! It is not true! Latvia manufactures products of good quality competing most successfully in the international market. This year, alongside the world's great industrial powers – Germany, Italy and Finland – we will show Latvian achievements," told Kardijs Broks, a project manager of "Tech Industry 2015".

No more salespersons! Automated store will do everything!

The visitors of "Tech Industry 2015" will have an opportunity to see and for the first time do shopping in the Latvian-made automated store. It somewhat reminds a coffee vending machine, but its possibilities are impressive! Automated stores can sell a vast assortment of different products in different sizes from the credit card-sized goods to big laptops. Buyers can pay with a card and get a receipt for the purchase. Large vending machines or automated stores were developed and produced by a Latvian company "ASTORE" three years ago. The company provides a complete process – from metal structures, software development and robotics up to programmable controllers, integration and personalization capabilities. Currently, these machines are being exported to Canada, Russia, the USA, Austria, Australia, the United Arab Emirates, Thailand and Singapore. Watch a video:



www.youtube.com/channel/UC2PNK3VihdJTtHF-GJHlu5w

Transfer your project into another dimension!

"Tech Industry 2015" will show the Latvian-produced 3D printers in operation. The Mass Portal 3D printers feature high precision, use thermoplastic wire, which is melted and covered layer by layer thus building up the needed detail. The Delta Robot technology makes the operation of printers dynamic and quiet.



"For someone it might be a toy, because technology is not so complicated and allows play and print, for example, iPhone covers. For others it might be an opportunity to facilitate daily life quickly producing unique parts – prototypes. This is an opportunity to print plastic parts for production a lot more quickly and certainly cheaper!" told Inga Žilinska, a marketing manager of Mass Portal. Currently, Latvian-made 3D printers are available from 62 different distributors in 27 countries around the world.

Our sleds are better than Ferrari's

The new bobsleigh season starts on 28 November – the third day of "Tech Industry 2015". Our team has been among those highest-ranked for decades. "It depends on people, however, you can't expect to perform at your best if your sled is not competitive. Ferrari builds bobsleds, but those built in Latvia are much better! Engineering concept is more efficient!" explained Zintis Ekmanis, Secretary General of the Latvian Bobsleigh and Skeleton Federation.



Visitors will have an opportunity to see, sit in and be photographed in the skeleton sleds alike those driven by Martins and Tomass Dukuri, two- or four-man bobsleds which drove Oskars Melnbārdis and his team to the silver medals in Sochi Olympics.

Bob and sled building tradition in Latvia dates back to the 1980s, when the State Electrotechnical Factory (VEF) started building bobsleds for the national bobsleigh team of the USSR. Currently, most of national teams, including the bobsleigh superpowers like the United States, Canada and Switzerland, use the BTC sleds and blades. All three leading Latvian pilots are equipped with the latest model of two-man bobsleds that has shown excellent results. Bobs are constantly being improved thus developing new radomes.

Record-holder airplane

Latvia also builds aircrafts – unmanned aerial vehicles! "Tech Industry 2015" will present the Penguin B unmanned aerial vehicle that is built in Jelgava, weighs about 20 kg and its wingspan is three metres. This Latvian aircraft already has set the world record in flight endurance for mini UAVs – 54 hours and 27 minutes. For other mini UAVs



this task would take up to three to five take-offs and landings. Currently, the UAV Factory's aerial vehicles fly over the United States, Russia, Malaysia, Germany, all in all – 25 countries.

Reportedly, from 26 to 28 November, Kipsala International Exhibition Centre will host the largest metal working and mechanical engineering event in the Baltics – the international exhibition of mechanical engineering, metalworking, automation, electronics, electrical engineering, supplies, tools, and innovative technologies “Tech Industry 2015”. The fair will offer seminars and discussions on topical issues of the industry, the Baltic Welders’ Competition and the International Matchmaking event to be held on 27 November. Read more: www.bt1.lv/techindustry

At the same time as this exhibition Kipsala will also host the international exhibition of woodworking machinery and tools “Woodworking. Machinery. Technology. Tools 2015”.

The “Tech Industry” and “Woodworking. Machinery. Technology. Tools” exhibitions are organised by the international exhibition company BT 1.

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