

EDiS-News

11th July 2013

2/13

MM EDiS No. 43 IN BARCELONA



Past 29th May and 1st June 2013 EDiS celebrated its Management Meeting No. 43 in Barcelona.

The first part of the meeting was held in the new Gasso facilities and factory where the Managers could see the new Composite hose & Loading arms production lines. Also we visited the factories of Damesa/Mikalor located 30 min distance of Gasso facilities.

It has been a pleasure for Gasso team to share these two days with all EDiS members and wives, in total more that 33 people, who participated in all events arranged.

We would like to thank everybody for the nice atmosphere created during that time.

Most of the members had the opportunity to join the F.C. Barcelona experience in the last match of the season in Nou Camp Stadium.

See you soon!

www.edis.eu



EDiS-News

11th July 2013

2/13

150th ANNIVERSARY



Last October Gasso celebrated the 150th anniversary of its foundation in 1862.

Delegates from Catalan Government were present in the event who focused the importance of this large history of Gasso in the industrial market initially as commercial company and in last years as a important manufacturer of composite hoses, loading arms, etc. From 1862 Gasso has changed a lot, innovating and updating our facilities to new times and markets, making a strong effort in export sales. Nowadays Gasso products are present in more than 85 countries worldwide.

The celebration was a nice and warm party with the participation of Staff, Managers and all workers who could also bring their relatives to participate in this enjoying day. Now all Gasso team is working to think about how to celebrate the 300th anniversary, will you join us?

www.gasso.com



EDiS-News

11th July 2013

2/13

A clever connection

The companies Schott AG and Jäger Gummi und Kunststoff GmbH have joined forces. With the Schott pipe connector developed by Jäger Gummi und Kunststoff both companies are conquering the booming market for algae cultivation systems.

Due to the scarcity of fossil fuels, an increasing focus is being placed on algae as a source of biomass. The market is booming. The organisms are now being cultivated worldwide, in open basins or closed bio-reactors made of glass or plastic pipes. Jäger Gummi und Kunststoff had already worked with Schott in the field of fireplace glass and geothermal power plants, and Schott supplies glass pipes for closed cultivation plants to the USA and Middle East. These plants, filled with water and microalgae, often have many kilometres of piping. Not only is there high water pressure on the pipes and their connectors; light, which is essential for commercial algae production, also has a constant effect on the plants and connectors. To enable long warranties to be given – Schott grants a 20-year warranty – new, durable connectors had to be developed.

For this project Jäger Gummi und Kunststoff was the ideal partner for Schott. Werner Kruckenberg remembers the 2012 Hanover industry trade fair: "Two employees from Schott approached us and asked, if we can develop a completely watertight connection between glass pipes that is both light- and colour-resistant and capable of withstanding high pressure. They knew exactly what they wanted."

The Schott pipe connector to be developed was to be a quick connection especially for the pipes in algae cultivation plants. What's more, the parts had to be easy to disassemble again and they should also be reusable. "Stefan Babel from Jäger Gummi und Kunststoff in Nuremberg and I immediately started work. Following a meeting with Schott in Osterode am Harz, Mr Trautmann, product engineer, created the first designs and 3D models. The further development of the idea by Mr Bachmann, production manager of the Jäger production plant, was both simple and brilliant: two plastic hinges in opposite directions that cover and secure a rubber joint." The product was so good that Jäger Gummi und Kunststoff immediately had applied it for a patent. "We are extremely pleased as the idea for the connectors is really simple and a patent couldn't be taken for granted", says Werner Kruckenberg.



The Schott pipe connector from Jäger Gummi und Kunststoff now enables a completely watertight connection of glass pipes under water pressure of up to 6 bar. Pipe systems more than 30 kilometres long can be effortlessly connected and modified. Together with Institut Fresenius the connectors are currently being tested under extreme conditions for algae compatibility, colour resistance, light resistance and the effect of ozone. Final tests with rubber and plastic pipe connectors are being carried out at Schott's model plants in the USA. Werner Kruckenberg says "We are now 85% production-ready."

The finished product will then be produced in the production site in Osterode. "We expect a seven-digit order volume in future." The Schott pipe connector is quite simply a clever connection!

www.jaeger-gk.de



EDiS-News

11th July 2013

2/13

Work Safety Made Easy

Product innovation in hose break-away prevention



Again and again, work accidents lead to costly damages and at worst serious injuries to employees. Whereas many areas can be protected using standard solutions, other areas are by nature full of risk. The use of high-pressure hoses is subject to special restrictions

so that accidents can be prevented. In various guidelines and ordinances, lawmakers have prescribed that the whipping effect that occurs when a high-pressure hose breaks free must be averted under all circumstances. In the past, equipment designed to provide this protection have been relatively cumbersome to use and are time-consuming to install.

One product innovation being marketed by the Technical Sales department of REIFF Technische Produkte since the beginning of the year now solves this problem. The Cablelock AS break-away safety alleviates the difficulties that conventional safeties have had in this area. The novel system can be attached afterwards without having to remove the hose line. It can be installed

very quickly as a result. In addition, this new product, which was awarded the VTH innovation prize, offers the advantage that it can be put to use just about anywhere thanks to its compact design. "We are constantly looking for innovative products that help us optimize our customers' operations and processes", explains Markus Walter, an engineer for REIFF Technische Produkte. "In our view, Cablelock AS very clearly belongs in this category: The advantages during installation and handling don't just make Cablelock AS a product that offers maximum safety, but also one of the most economical solutions in professional break-away safety devices for high pressure hoses."

www.reiff-tp.de



Competent answers by engineering pro's

REIFF Technische Produkte provides Live Support via Chat

Starting immediately, REIFF Technische Produkte is offering its customers a new service on the website www.reiff-tp.de: Live Support via Chat. REIFF engineering experts answer all of your questions from 8:00 am until 5:00 pm about our wide assortment of drive technologies, seals, profiles, hoses and plastics technology.

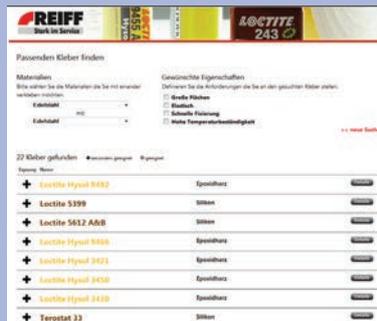
If you'd like to use the new service, go to the Chat window on the REIFF website www.reiff-tp.de using the "Live Support" button. All questions can be entered here without logging in, and experts will answer them directly.

Expert tip: the REIFF Adhesive Nav app

If correctly applied, adhesives can withstand enormous forces. For the most part, the different adhesives do their jobs invisibly in our every day objects. In the process, the correct adhesion of different materials together is a science in and of itself. For those who don't have the time to do a thorough search, we did the search for you, and discovered the practical Adhesives Nav app by REIFF Technische Produkte. This helps you find the optimum adhesive that's just right for the intended purpose. The web app on the Reutlingen company's home page is a pro at selecting

the right adhesive quickly, flexibly and in a user-friendly manner. The tool isn't only catching on in business areas. It's ease of use makes every day work easier as well.

The range of different adhesive products is very broad. From adhesives with a high temperature resistance to glues with elastic or quick-setting properties. With a single click, you can order the selected product from REIFF Technische Produkte directly through the Online Shop practically and quickly. This practical tool is available at www.reiff-tp.de.



EDiS-News

11th July 2013

2/13

Haberkorn wins TRIGOS Award

At the TRIGOS Gala at the City Hall of Vienna on 3 June, Haberkorn was presented with the TRIGOS Award for integrated CSR in the category large enterprises.

TRIGOS is Austria's award for corporate social responsibility (CSR) which recognises businesses that demonstrate particular social and ecological commitment. Haberkorn board member Gerald Fitz is delighted at the company's success in winning the TRIGOS 2013 award: "Receiving the TRIGOS is something quite special. For us, it confirms that we have adopted the right path and, of course, inspires us to consistently move forward in this direction."

In their statement, the jury praised Haberkorn's responsible business practices which are closely linked to its corporate strategy. The selection was motivated not only by the company's many climate protection activities and comprehensive workplace health promotion scheme, but in particular by the sustainability test performed for the complete product portfolio.

YouTube link to video clip on award winner Haberkorn: <http://www.youtube.com/watch?v=TnAqw6qTiH8>



www.haberkorn.com



From left to right: Section Head Bernadette Gierlinger (Federal Ministry of Economy, Family and Youth), Michael Opriesnig (Deputy Secretary General of the Red Cross), Gerald Fitz (Haberkorn GmbH), Christian Friesl (Social Policy Section Head, Federation of Austrian Industries)
Photo credit: TRIGOS/Richard Tanzer; reproduction for press purposes free of charge

EDiS-News

11th July 2013

2/13

Tubes International with new headquarters in the Czech Republic

We are proud to announce that our headquarters in the Czech Republic were moved to a new location in March 2013.

Relocation is a statement about the direction we are heading. On an area of 3250 square meter we are to improve our daily operations including customer service, create further expansion possibilities as well as strengthen our position in the Czech Republic market.

The first step was the refurbishment of the existing building on that location. However, building new premises is only few years away. You are more than welcome to come and visit us at Bohuminska street 172/151 in Ostrava.

www.tubes-international.com



Imbema Cleton provides hoses for first LNG powered barge

The Port of Rotterdam is Europe's largest port and world's third largest. Goods that arrive in Rotterdam are forwarded from and to the European mainland via road, railway and waterway. Railway and inland shipping are the most environmental friendly in ways of carbon footprint, with almost six times less CO₂ than road transport. CO₂ emissions by inland shipping will be reduced by more than 20%, as LNG (Liquefied Natural Gas) powered barges enter service. The first barge of this new generation, the advanced Mts Greenstream, went into service in March. It made way for more LNG powered barges to be deployed on Europe's inland waterways.

Sustainability and reliability are the key words in modern shipping. More and more shipping companies invest in environmental friendly and climate neutral technologies. These developments have triggered an increasing demand for sustainable and reliable products in the field of shipping, which is the expertise of Imbema Cleton.

When constructing the Mts Greenstream, a 110m tall oil tanker, Imbema Cleton BV was asked to provide solutions for the hose assemblies. We advised our Dantec composite hoses for loading

and offloading oil products, combined with OPW's Autolok couplings. These couplings prevent the hose from spontaneously decoupling due to vibrations on board the ship. This solution prevents oil spills, which are of course unacceptable. Furthermore Mts Greenstream uses our strip hoses, ventilation hoses and pneumatic hoses which have proven to be very reliable with a longer life span.

www.imbemacleton.nl/edis



Hauling oil products for Shell, the Mts Greenstream can sail from Rotterdam to Basel Switzerland without refuelling.

EDiS-News

11th July 2013

2/13

Mobile decision-making help

REIFF Technische Produkte presents the Rubber Navi app

The conditions that a material must withstand are often known up front. But which material has the required properties and is thus optimally suited for the intended use?



REIFF Technische Produkte, the technical vendor from Reutlingen, is thoroughly familiar with its customers' requirements and has developed a practical aid for answering this question, bringing another app to the market: the Rubber Nav

app. After the Technology app, which is a mobile converter, the Rubber Navi app is the second mobile application by the Reutlingen technology specialists. "We analyse the requirements of our customers, then we have to link intelligent solutions to modern media." says Mario Schuckert, sales manager at REIFF Technische Produkte, about the idea of developing another mobile application. The Rubber Nav app is child's play to operate: Correct resistance categories and physical properties are selected quickly. The right material is selected right away, and comes with a comprehensive description. The app has other features as well. A link brings you directly to the Online Shop of REIFF Technische Produkte and allows you to place orders on the run. The app is available by download at the iTunes and Android store. Under www.reiff-tp.de, you can find all information about the various mobile applications of REIFF Technische Produkte.

Service online

Customer service can also be provided on the web. REIFF Technische Produkte's new technical vendor Internet portal illustrates this.

The world is online: There's almost nothing that exists in the real world that cannot also be found on the net. But many companies find the transfer from offline to online difficult. For example, how is customer service modelled online? Not a very easy question, and one for which REIFF Technische Produkte has an interesting answer for its customers.

74.7 percent of Germans are online – professionally, but also privately. Companies of all kinds can no longer afford to pass up the internet community. However, whereas many companies are satisfied with simply having some kind of electronic business card, there are others who are transferring their company value to the Internet.

An example of this is REIFF Technische Produkte: this technical vendor from Reutlingen has completely revised its Internet presence and expanded it to include many practical tools and gimmicks.

In addition to an O-ring and a coupling calculation program, users also have a CAD service at their disposal, as well as REIFF's very practical Technology app.



The Technology app, which is available not only through www.reiff-tp.de, but also free for download at iTunes and in the Android market, is a practical every day aid for engineers. It quickly converts a total of 27 different dimensional units in a user-friendly manner.

For all those who are looking for practical aids, it's worth it to check in regularly at www.reiff-tp.de. If you become a fan of this technical vendor, you can always be up-to-date on Facebook – where new developments are always shown first. For more information, go to www.reiff-tp.de