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New product catalog – 1,400 pages of expertise, 3,200 g of quality



REIFF Technical Products to publish new product catalog

The seventh edition of the full product catalog of REIFF Technical Products will be published in June. It will contain information about the company's approximately 20,000 products in twelve product groups and highlight the broad service range of the leading supplier of technical equipment.

In addition to describing services such as procurement management and e-services, the 1400-page catalog, which is organized into 13 chapters, offers information about the following product groups: roller bearings, timing belts, V-belts, vibration absorption components, sealing components, hydraulic system gaskets, rubber and plastic profiles, flat gaskets/rubber parts/insulation, adhesives, sealants, and lubricants, hoses and fittings, hydraulic hoses, and plastic.

"Thanks to our own workshops and highly qualified employees, we can offer fully customized processing of customer orders. More than 100,000 products we have the ultimate selection, to satisfy highly varying requirements", in the words of Hubert Reiff, General Manager of REIFF Technical Products.

Catalog and more

The content of the comprehensive catalog will also be published in CD-ROM format, with a so-called browsing catalog added to facilitate electronic usage. Starting on June 2, 2009, Reiff Technical Products will offer an even larger assortment in a completely revised online shop, which will allow for ordering some 55,000 standard products with a mouse click, without minimum order requirements.



In addition to conventional features such as a product finder, the shop also offers two special functions. Customers can now track the status of their orders in their order history for better planning, and a traffic light feature in the product details lets the buyer see at a glance how quickly a specific product can be shipped.

"The new online shop is a clear service gain for all customers who order our standard products."

www.reiff-tp.de

Eye-opening performance by Haberkorn Ulmer



When the giant eye opened on stage during the performance of Giacomo Puccini's opera, "Tosca", at the Bregenz Festival, this was all down to an ingenious hydraulic system from Haberkorn Ulmer.

Eleven-metre iris – the technical challenge

Within the iris, which was eleven metres in diameter, the pupil had to open and close as well as being able to pivot into the horizontal plane. The pivoting arm to which the iris was fixed could be moved upwards and downwards. In addition, the iris had to open completely in one second, but at the same time move gently and gracefully with precision to within a centimetre ...

140 tonnes of force – technical specifications

The required equipment included a twin-circuit unit providing 37 KW and 4 KW of drive power, a tank capacity of 400 litres, a special variable displacement pump for proportional control, two hydraulic cylinders with a diameter of 250 millimetres and a stroke of 1760 millimetres as well as 500 linear metres of piping. To operate the 21-metre-long cantilever arm, a force of 140 tonnes was generated. And for emergency operation, a switchover facility to a second supply line was integrated.

www.haberkorn.com

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Imbema cleton – the steel expert



Corus at IJmuiden - Holland has one of the most modern steel plants. In this factory with the most efficient blast furnaces in the world, the best steel of Europe is produced. This steel is particularly processed in the automotive industry, construction and packaging. By the high requirements requested, Corus has a sophisticated product process, in which the hoses of Imbema Cleton play an important role.

At converting raw iron into steel, superfluous carbon is removed from the raw iron. This is done by "blowing" with a large strength of oxygen over the raw iron. Carbon from the raw iron is "burned" by oxygen, as a result of which the carbon content of the raw iron decreases, and the raw iron becomes

steel. "Oxygen blowing" is done with a large lance, directly on the raw iron. To prevent that these lances melt, they are cooled with water. Water and oxygen are brought to the moving lance by special hoses, however the used hoses till now didn't live up to the high requirements.

In co-operation with hose producer IVG, a new modern oxygen hose has been developed, based on similar hoses for other European steel plants. The development for Corus had to live up to all strict requirements of a safe and modern steel production, including the European Pressure Directive PED (cat. III). The hose assemblies are being produced by hoses and couplings with a diameter of 200 millimetres, and a desirable bursting pressure of 80 bar with a length of 20 meters. For protection against extreme radiation heat and splatter of liquid iron, the hose is external specially covered. Of course good flexibility and a short bending radius are important.

The materials used, complete production and testing of hoses has been occurred to all satisfaction, under supervision of the certified Bureau Veritas, with a PED certification as result.

Imbema Cleton has got the full representation of the OPW Fluid transfer Group for hose couplings since January 1st 2009 for the complete Benelux market. OPW is the marketleader of high quality quick connect couplings and a big range of dry-break break couplings.

At January 1st of this year Imbema Cleton bought Unishore. Unishore is specialized in deliveries of Offshore products. Mainly Hydraulic hoses, but also an wide range of technical products. The technical part of Unishore is VCA certified. With the ownership of Unishore, Imbema Cleton has upgraded the position in the Benelux market. Because of the equal products and markets Unishore and Imbema Cleton will be working close together.

The next Expert Hose meeting will be at October 1st and 2nd in Milano.

www.imbemacleton.nl

TESS goes technical



TESS is the biggest supplier of hoses and welding expertise. Our next target is to become a major player within the fields of hydraulics and hydraulic systems. We reviewed the market potential and prepared our strategy and now TESS is on the way to build up an organisation that supplies everything from hydraulic components to complete hydraulic systems. By the set up of know how, flexibility and variety of products we are proud to deliver tailor made quality solutions to our Clients.

To be a preferred supplier, our products have to be available at short notice. We stock a wide range of pumps, motors, valves and other components at our headquarters main site in Lier, Norway.

Hydraulics requires expertise: At TESS we have people with extensive field experience with hydraulics. TESS do understand the importance of continuously operation of a vessel, a factory or plant, a machine etc. From the very start of a project we perform a risk evaluation of the total system and evaluate potential weak points for improvements.

TESS has more to offer even after a simple component or a project delivery. In agreement with our Client we can offer a lifetime follow up of each delivery through our TSS (TESS Service System) which monitor and calls off required maintenance.

www.tess.no

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Expert piece and series production



Anticipating market demand for special end fittings Tubes International has decided to launch its own manufacturing facility.

Its main purpose is to supply fittings and ferrules to hose assemblies constructed in our company. Within 6 months we have created a modern manufacturing department located in Bialystok in North Eastern Poland.

Opening such a facility required employing appropriate staff and purchasing three new CNC machines, one standard metal working machine, proper tools as well as professional software. We started with the production of standard ferrules and fittings but soon after we followed with more complex items. Experience in machining, efficient programming system, qualified staff, certified management system (ISO 9001 by DNV) ensures that we can fulfill even the most demanding quality as well as product reliability expectations. If you or any of your customers have any enquiries regarding such products please feel free to contact us.

www.tubes-international.com

TEADIT presents new line of products



ePTFE sealing tapes – including expanded PTFE and multidirectional expanded PTFE

A special, thermo-mechanical drawing process results in a micro-porous fiber structure, providing the PTFE with high tensile strength and formability in addition to its other, familiar advantages

while simultaneously virtually eliminating all disadvantages such as cold flow and creep. The exceptional flexibility of the material make PTFE sealing tapes excellent for slightly damaged and/or uneven flange surfaces, which can be effectively sealed with relatively low surface pressure. Another advancement is the thermo-mechanical drawing processes which makes it possible to align the fiber structure multi-directionally thereby guaranteeing virtually equal longitudinal and lateral material strength. This provides exceptional resistance to creep as well as extraordinary dimensional stability without any negative effects to the sealing properties of the PTFE.

The product line is supplemented by sealing plates of high quality, multi-directional, drawn PTFE filled with various substances. The high fiber level almost completely eliminates cold flow and creep. Specific weight depending on version and filler between 1.1 g/cm³ und 2.9 g/cm³.

www.teadit.eu

www.jaegergruppe.de

Targeting the chemical industry



REIFF Technical Products at the Achema Tradeshaw in Frankfurt

REIFF Technical Products offered an exhibit on a space of approx. 50 square meters at the international marketplace for the chemical industry in Frankfurt from May 11-15, 2009. The focus of the displayed products was on hoses, complete duct systems, and epsilon dry clutches. Based on the requirements of the Pressure Equipment Directive and the Technical Regulation for Clean Air, ducts are subject to even greater demands in terms of quality, durability, and perfect screw fittings. Highly caustic, explosive, or viscous media must be transported and transferred without leaks. Only professional experts with a broad, carefully selected product assortment can offer optimal solutions for these challenges.

Though the tradeshaw had a slight decline in visitor numbers, the qualification and interest of visitors was noticeably higher. The tradeshaw team of REIFF Technical Products was very satisfied with the outcome of the show.

Gerhard Grauer, the manager of the tradeshaw team, balances: "Thanks to a central position in Hall 8 and our modern, communicative booth design, we were able to establish a number of interesting new business contacts. The coffee counter offered a great opportunity for networking. The future will show whether we can generate new business from this tradeshaw exhibit."

www.reiff-tp.de