

// TOPVIEW 3.0

// PRECOATING
PROCEDURE

// INFUSIONS FOR TREES

// COMPANY'S TEN YEAR ANNIVERSARY

GERMAN WATER PARTNERSHIP

LUTZ-JESCO IS A MEMBER OF THIS INTERNATIONAL UMBRELLA BRAND

At the beginning of 2008 notable representatives of the water industry from the business, science and research sectors, the German Federal Government and the big trade associations, all called for the creation of the „German Water Partnership“, in order to bring together the export-oriented players of the German water

management sector under a common umbrella brand at the beginning of April 2008 with the foundation of the association. So, for the first time the common interests and capabilities of the German water management and research sector were combined on a nationwide basis. The „German Water Partnership“ was to be set

up as an international umbrella brand so that the association became the central point of contact for all prospective customers outside Germany. For this purpose an office was established in Berlin, in July 2008, to handle all international enquiries.

AIM OF THE „GERMAN WATER PARTNERSHIP“

The aim is to strengthen the competitive position and thereby the future activities of the German water management and research sector in international target markets and to make a positive contribution towards solving the problems suffered by the developing countries and emerging nations with their water management systems.

As a strong export-oriented enterprise, Lutz-Jesco has recognised the chances of an active collaboration in the „German Water Partnership“. That is why we became one of the founding members and thereby find ourselves in good company. The membership list is still growing, constantly taking on new members and serves as the

„Who is Who“ guide in the German water industry.

In addition to a corporate brochure and some brief informative material an “Export brochure for the German Water Management Sector” was immediately published in collaboration with the BMU/BMBF (Federal Environment Ministry /Federal Ministry of Education and Research). It presents a concise, informative overview of the advantages and complexity of German water management sector to decision makers and potential customers from all over the world. In a second section the member companies have the opportunity to advertise, to specifically promote their companies or institution and to present themselves to potential customers. The companies are furthermore listed in a database on the „German Water Partnership“ website at www.germanwater.de.

The „German Water Partnership“ made its first official appearance in May at the IFAT in Munich. There they presented the brands of the gathered international trade experts on a 500 sqm stand.

The consolidated appearance under

the „German Water Partnership“ umbrella brand will help to improve the competitive position of all members. A more in depth exchange of information between the members will help strengthen the personal networks and mutual trust, to give rise for the first time to the consideration of developing cross-sector market strategies and innovation partnerships. In conjunction with the increasing globalisation of the markets we see our cooperation with the „German Water Partnership“ as an additional opportunity for Lutz-Jesco.

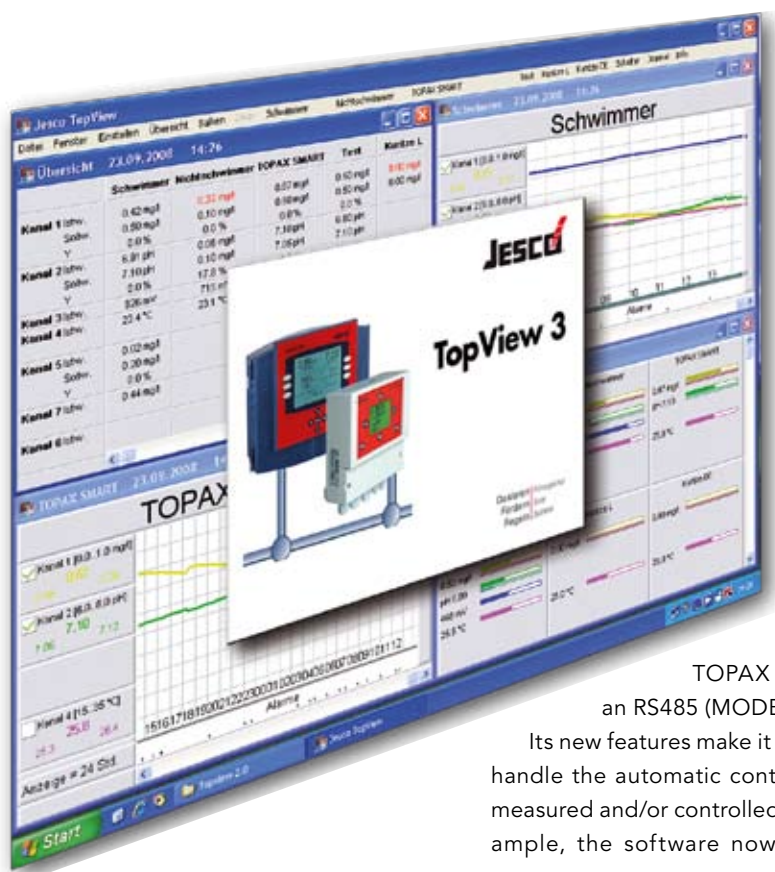
3 platforms were formed at the annual conference in Berlin, at the beginning of June 2008:

- + Information platform
- + Business development platform
- + Innovation platform

The success of the „German Water Partnership“ depends in the long run to what extent it is able to facilitate and promote the involvement of the members in international business, i.e. to generate additional growth with orders. //

TOPVIEW 3.0 - REMOTE AND VISUALISATION SOFTWARE

LUTZ-JESCO PRESENTS THE NEW MODEL AT INTERBAD



Lutz-Jesco presents the latest version of TopView in a revised design and fully compatible with Microsoft Windows Vista. As a remote and visualisation software it can simultaneously access up to 15

recognises the version of the connected TOPAX controller. It is clearly easier to operate the software with its revised surface. Further new features of the TopView 3 include the multi-level enlargement of the measured value charts and the possibility to print out one of the displays.

Existing functions such as controlling digital in- and outlets, the daily storing of the protocol or the recording of swimming pool log files are retained in the new model.

The possibility of being able to download, free of charge, the current version as a light mini version from the Lutz-Jesco website, www.lutz-jesco.de, likewise remains unchanged. //

TOPAX controllers via an RS485 (MODBUS) network.

Its new features make it visibly easier to handle the automatic controllers and the measured and/or controlled values. For example, the software now automatically

PRECOATING PROCEDURE WITH LUTZ-JESCO DRY FEEDER

TUBE FILTER UNIT IN THE COAL AND STEEL INDUSTRY

In the course of optimising operations and the associated measures of the operational environmental protection that go with it, the company TECTRA Industrietechnik GmbH designed and created dust extraction units to extract by means various exhaust hoods above lead and zinc baths.

Bag filter units were made with a respective flow rate of 22,000 m³/h.

The resulting pollutants during the chemical conversion, of the anthracite bath cover, are partially tar-like and sticky. To protect the PTFE coated filter hoses from these materials an automatic precoating unit is installed in front of every extraction unit.

The dry feeder device used for this, the

Lutz-Jesco model TEH0004, supplies calcium carbonate in a programmed cycle through a bypass air flow in to the suction tubing, which thereby forms a layer of chalk on the surfaces of the filter tubes.

The layer of dust to a large extent bonds the sticky substances contained in the crude gas and thereby forms a so-called filter cake, which is nicely removed from the filter tube by the automatic compressed air filter dedusting.

The units made by TECTRA Industrietechnik GmbH also fulfil, among other things, the high requirements for the admissible amounts of residual dirt and noise emissions, which were checked by the TÜV (Technical Control Board). //



Dry feeders for the supply of calcium carbonate

„INFUSIONS“ FOR TREES SUFFERING FROM FUNGAL DISEASES

PROFESSIONAL TREATMENT WITH SOLENOID DRIVEN DIAPHRAGM METERING PUMPS IN THE SAARBRÜCKEN SCHLOSSPARK



The local committee are currently granting a cure to the trees in the Saarbrücken Schlosspark. Through “infusions” and much love, the “tree doctor” Wolfgang Jakobs is looking after a copper beech estimated to be 450 years old. The beech has been attacked by a fungus and the powerful giant is suffering. If he does not receive any help, he who was around

during the time of the monarchy, would barely live to see the Prime Minister’s successor. The skilled gardener, Jakobs, has specialised in saving old trees and is currently an arborist with his own company. His job is to heal sick trees, just as a doctor does with people.

However, with trees, especially with the old copper beeches that have a trunk circumference of about five metres, this is very intricate and costly. “This tree has already been attacked by three types of fungus over the past 80 years and will soon die if it does not receive some kind of intensive treatment,” explains Jakobs.

HEALING WITH THE INJECTION MACHINE

First a hole is drilled, in this case approximately 40 cm deep, into the trunk. The tree is then connected to the so-called injection machine, which should be seen as comparable to an “infusion” or a syringe for humans.

Whereas for humans half a litre of infusion solution is sufficient, a tree needs different

levels of rationing.

With the help of a solenoid-driven diaphragm metering pump from Lutz-Jesco approximately 25 litres of injection solution are injected into the beech’s trunk at a 6 bar pressure. To ensure that the liquid reaches the parts affected by the fungus, the arborist carefully drills the holes by hand.

Wolfgang Jakobs checks the trees in the Saarbrücken Schlosspark every year. He has done so for 15 years already. He has been working on the beech itself for approximately two years. Even if he just happens to be in the area, he will check on his trees.

With his experience he does not need to drill holes anymore to know when a tree is sick. At first glance he can accurately determine the type of fungal disease. Many years of experience stand him in good stead. But even if the tree is diseased, Wolfgang Jakobs and his team are immediately on the job with their injection machine and try to heal the tree so that it can indeed live to see who the next father of the country will be in generations to come. //

LUTZ HUNGARY CELEBRATES ITS 10 YEARS ANNIVERSARY

ANNIVERSARY CELEBRATION AT THE BALATON

This year our subsidiary with its headquarters in Hungary has every reason to be happy. The Hungarian branch, which in addition to Lutz-Jesco products also manufactures the Lutz-Pumpen GmbH pumps, is celebrating its 10th anniversary as a company.

The subsidiary was formed in March 1998 and first began with three employees just selling and distributing Lutz-Pumpen. At the beginning of 2006 the Lutz-Jesco products were also incorporated into the range. At that time the team was made up of five employees.

The grand climax of the anniversary was the event held in September. Over 60 invited guests, namely employees and cus-

tomers, came to celebrate the great success of the company, and together experienced an eventful anniversary celebration.

The festivities took place in the town of Balatonfüred by the beautiful Lake Balaton. As they enjoyed a pleasant lunch the guests reflected on the last few years and the success attained. In the evening the Hungarian hosts escorted their guests to a wine cellar so as to introduce them to the typical wines and foods of their country. To round off the anniversary celebration, the next day they took a boat ride on Lake Balaton.

To the next ten years and much continued success! //



The guests in Balatonfüred

THREAD CUTTING MACHINE PROJECT

A REPORT FROM OUR TRAINEES

As our thread cutting machine was getting on in years (built in 1970) and bore visible traces of wear, we gave our commercial trainee the task to revitalise this old thread cutting machine.

STEP BY STEP TO SUCCESS

First the machine was dismantled into all of its individual components, from the spindle over the drive unit up to the water pump. All of the parts underwent a thorough cleaning and were prepared in part to be repainted. In addition to replacing all of the completely worn out drive belts, our trainee made up completely new parts, like

for example, belt pulleys and die supports.

Once all of the freshly painted parts came back the trainee started to reassemble the machine. Not just complicated settings like adjusting the clutch, made the job more taxing. Only after our trainee had assembled the machine did he regretfully learn that the water pump was faulty. After extensive troubleshooting it was remade including the casing and reinstalled.

Subsequently they made a test-run and the end result of this project was a thread cutting machine that ran well and look brand new. //



EXHIBITION DATES

+ Aquatech 2008, 30.09. – 03.10.08, Amsterdam/Holland

+ interbad 2008, 15.10. – 18.10.08, Stuttgart

+ WEFTEC 2008, 19.10. – 22.10.08, Chicago/Illinois

+ Brau Beviale 2008, 12.11. – 14.11.08, Nuremberg



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