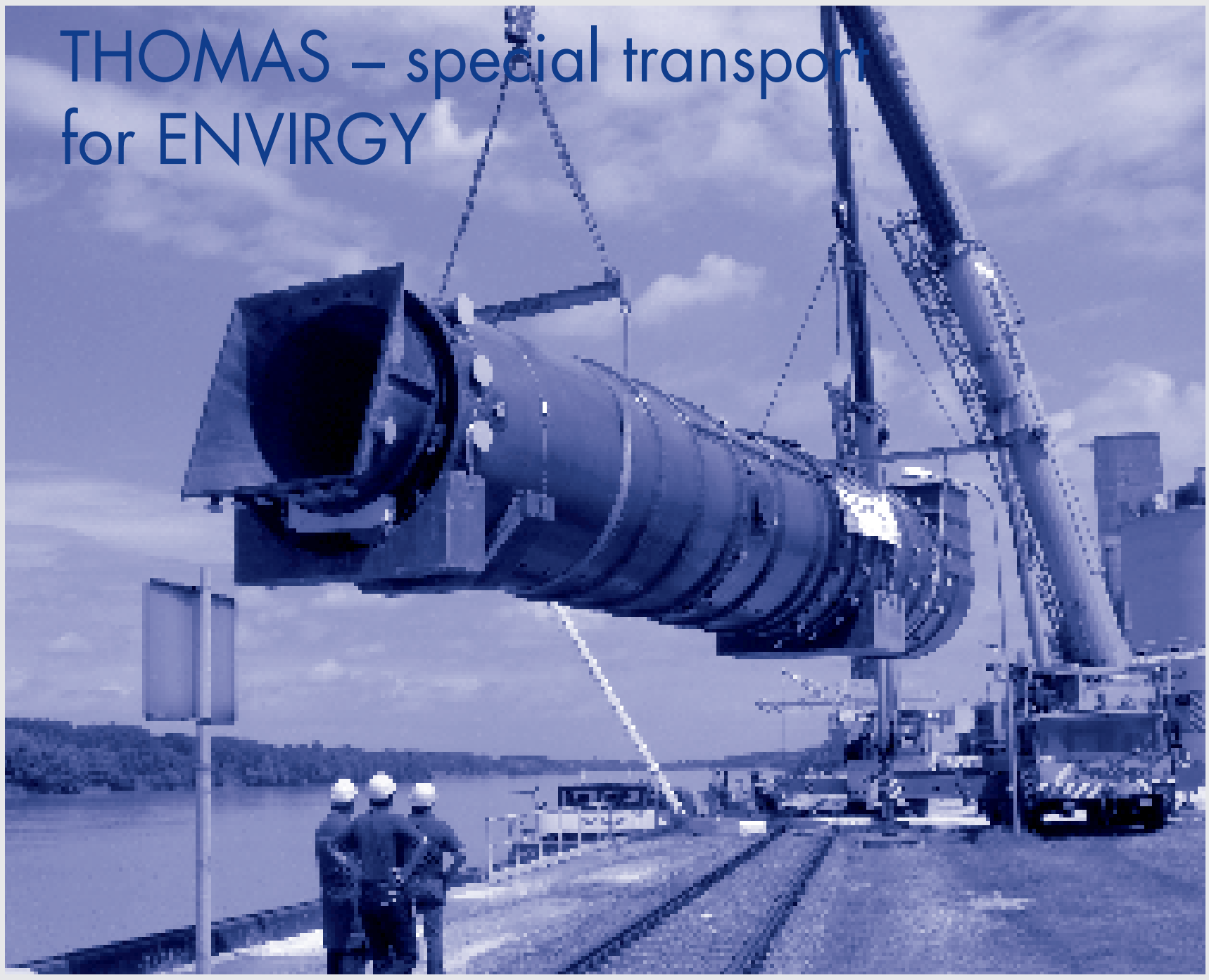
GAWGROUP

NEWS FROM THE GROUP **imteam**



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KRESTA
Anlagenbau Ges.m.b.H.

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MAW
STYRIA
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OSMO
membrane systems

emc

thomas
SPEDITION Gesellschaft m.b.H.

edition 2 | 2008
limited edition

Shortcuts

Start of production of palette conveyor plant at AUDI Györ

As we reported in our last edition of imteam, the start-of-production deadline for the palette conveyor system at AUDI in Györ presented a big challenge to GAW's automotive team. However, with complete dedication, great care and ideal collaboration with the German and Hungarian AUDI teams from planning and production, the start of operations went without a hitch at first go during ongoing production, and on September 7, 2008, a perfect start-of-production was implemented. The final inspection took place in November.

Munich Airport flies with KRESTA

The Munich airport banks on "Plant Construction with Process Competence and Technology", and relies on KRESTA in doing so. Among the comprehensive spectrum of commissions, there is the reconstruction of a container for place de-icing fluid, the new construction of a rust-free inner container, and the adaptation of an outer container as well as the reconstruction of the service landing platforms and the associated fitting of the conduits to the new container.

Follow-Up Order from the Felix Schoeller Group for OSMO

As early as 2007, OSMO delivered a reverse-osmosis machine for Felix Schöller that has proven its superiority in practical operations. Now the Felix Schöller Group in Osnabrück - world market leader in decorative and special paper – has entrusted the GAW Group with the delivery of two additional reverse osmosis machines for the manufacture of desalinated water for the paper machines. Surface water is being used as a medium. The machines are equipped with so-called low-fouling elements, whose surfaces prevent the absorption of organic fouling substances. The start of operation for this machine is slated for the first quarter of 2009.

Editorial

At least into the 19th century, there is evidence that economic fluctuations follow a certain regularity, and it is only logical that a phase of many years' upturn will sometime again be followed by a downturn, no matter how accustomed we may have become to the years of continuous growth. Surprising to many, however, is the vehemence with which the crisis, which stems from the strong opening of the financial markets through liberalization and deregulation, arrived; and the vitality with which it has now diffused worldwide onto the real economy. And of course, it will not stop for Austria. The strongly export-oriented Styrian market is directly impacted by the international character of this crisis, and the situation must be taken very seriously. When the recession will bottom out, nobody knows. But there is one thing I am sure of: Businesses that know their roots and are conscious of their identity will not be thrown off balance so easily.

Not even the GAW Group would have been so successful on the market if we did not constantly pay attention to long-term developments, and instead focused only on short-term success. Because only by thinking and acting with an eye on the future, by constantly operating wisely and in moderation - as is only natural for traditional family companies - is it possible to ensure our competitive power for the long term and to maintain the jobs already in existence and create new ones as well. Against this background, I am especially pleased to announce that KRESTA has been named regional Big Player in Carinthia this year in Austria's Leading Companies. KRESTA has been able to increase profits by 50% in the past three years alone, and has created 40 additional jobs. This is very welcome news indeed that can only benefit the GAW Group as a whole. I am also proud that our member organizations appreciate and take advantage of the competences we have in our group of companies, and that they develop projects together with significantly more efficiency than is often the case with external partners. This is what happened, for instance, in the GAW Group's largest transport to date, carried out by shipper THOMAS for ENVIRGY (more on page 5).

Last but not least, I would like to address an important topic that GAW has been examining intensively since the beginning of the year in a project of its own. A company's resiliency in terms of products, processes and structures - in brief: Innovation. Because innovation means being successful on the market. It is those companies who manage to develop products and services that offer customers a clear advantage, and who stand out from other competitive bids, that will have a sustainable competitive advantage in the race for innovation. You can read more about this inside.

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I would like to wish all our readers, employees and partners peace and time for reflection during the Advent season, and I hope for us all that we can overcome the economic crisis without having to make painful sacrifices.

Mag. Jochen Pildner-Steinburg

In assistance by: Karl Frühauf/THOMAS, Sabine John/GAW, Karl Münzer/GAW, Sylvia Neuhauser/ENVIRGY, Gernot Stangl/CCI, Detlef Zeller/MAW


Editorial team edition 2/2008

Company Report

KWE strengthens KRESTA

With its takeover of KWE Beteiligungsholding GmbH, KRESTA strengthens its position in the chemicals and petrochemicals industry.

"A good team has developed itself further," was the verdict from KRESTA founder Franz Kreuzer. And this is how the machines constructor from St. Andrä has been able to increase profits sixfold since 2002. With its most recent coup – the takeover of 100% of the KWE Beteiligungsholding GmbH from the Munich industry holding Aurelius – this past summer, KRESTA has gained a foothold in the chemicals and petrochemicals industry in addition to the paper and biofuels industry. And the bar is set high: The current annual profit of 150 million € is to be increased to more than 200 million € by 2011.

Know-How in Technical Design and Servicing

The KWE Group, which includes the companies KWE Steel and Industrial Construction GmbH & Co KG and KWE Ludwigshafen GmbH, is an optimal fit for KRESTA due to its product portfolio, size and sales market. Their know-how, particularly in the areas of technical design, steel construction and the servicing of steel constructions in the chemical industry, creates ideal conditions for KRESTA. „The barrier to breaking into the German chemical industry has now fallen," says Franz Kreuzer.

Building Total Plants in the Chemical Industry

For decades, KWE has been operating sites in eleven German chemical parks and these sales channels will open new sales markets for KRESTA in the chemical and petrochemical industry. And there's more: These sales synergies make it possible for the first time to develop not only partial projects in this branch, but also to design and build total plants.

Competences

GAW – New Facility for Coating Colour Recycling

GAW constructs a pilot plant at Sappi Ehingen for production-integrated environmental protection

A newly developed method from the cooperation between GAW and Sappi for the re-use of coating colour remains makes it possible for paper manufacturers, especially in light of increasing raw materials and energy prices, to not only improve the profitability of the production process, but also significantly contributes to climate protection.

Economical and Multifaceted Re-use of Coating Colour

Whereas the methods for coating colour recycling used to date led on the one hand to a loss of quality in the paper while the companies were still confronted with the loss of raw materials and waste disposal costs, this new method allows for a significantly more economical and more multifaceted means of re-use of coating colour remains in a paper machine and/or coating colour machine.
In particular, the ability to gather coating colour remains from various coating devices with different coat formulas, to recycle these in a single facility and to in turn feed them to different coating devices, opens the door for all coating colour remains to be re-used without sacrificing the quality of the paper produced, and demonstrable savings can be obtained in terms of costs for raw materials, energy, transport and disposal.

Advantages of this System

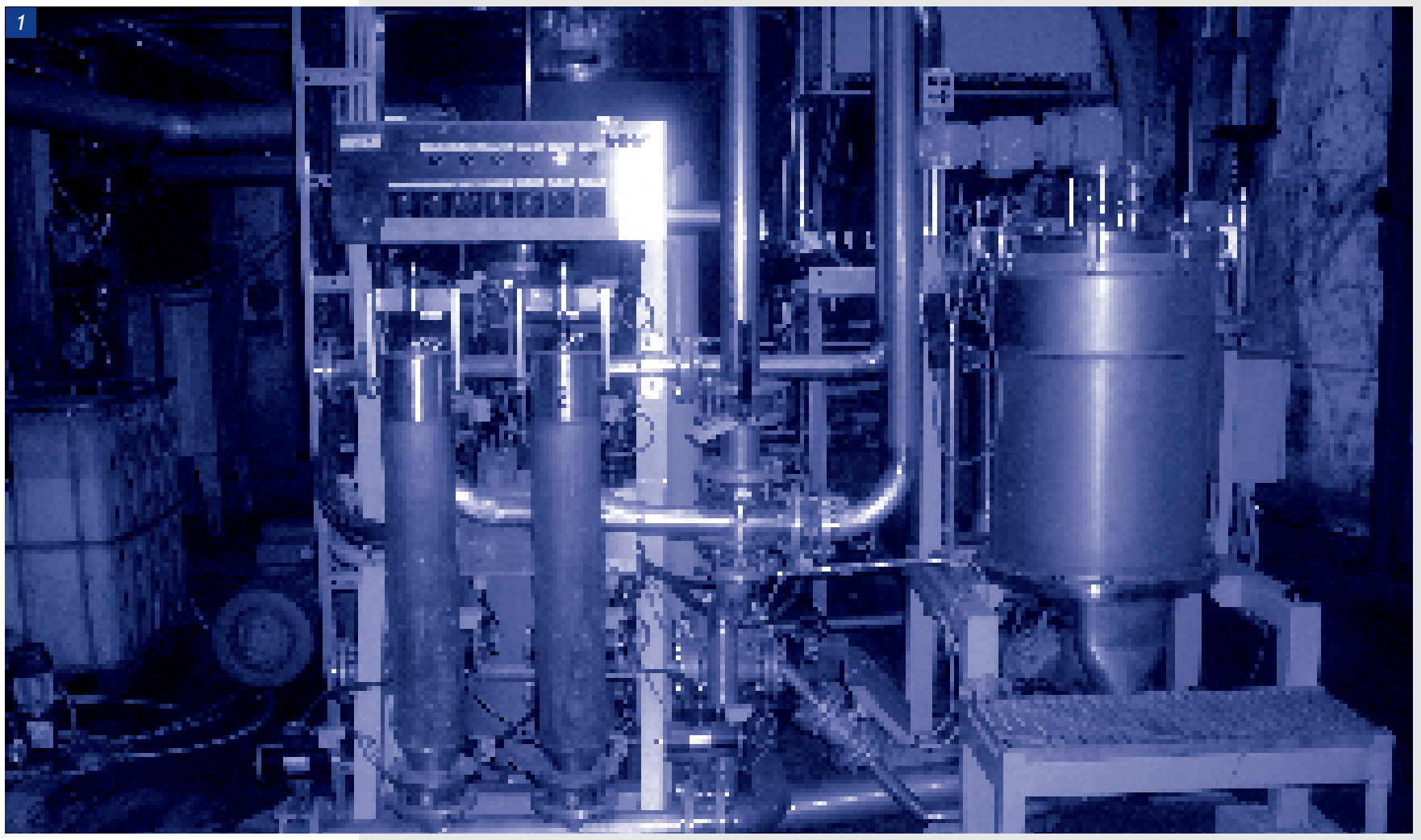
- Recycling of coating colour remains from all unclean rinsing water from the production process
- 100% re-use rate
- Re-use not compromised by extraneous materials
- Coagulation aid is spared
- Re-use of the recycled clean water
- Treatment without additives
- Long life cycle

Pilot Plant at Sappi Ehingen

Within the scope of the so-called „climate protection initiative," the Federal Ministry of the Environment has supported the construction of a pilot plant at Sappi Ehingen GmbH in Baden-Württemberg, to be erected by GAW. The core of the plant is to drain and subsequently treat the extraneous materials, providing the necessary purity to the salvaged coating colour remains before re-introduction into the coating process. And because the reprocessing takes place with a tenth of the energy needed to manufacture pigments from the various raw materials, 470,000 kilowatt hours of electrical energy will be saved per year, and around 265 tonnes of carbon dioxide emissions will be avoided.
Additionally, the total amount of the factory's residual material is reduced by around 60%, and the amount of water used is reduced by 130,000 cubic meters per year, because for the first time ever, all the colour contained in the company's wastewater can be re-used and re-introduced into the production cycle. Last but not least, this saves transports in the amount of 140 lorry loads per year.
The project's environmental and cost savings advantages give rise to expectations of further development of the new method, and it is safe to assume that it will be useful not only in this industry, but also in the comestibles industry, among others, as well.

GAW – Fibre Extraction System: New Filtration Method

Effective fibre extraction from starch adhesive and/or the coating colour cycle at the work stations



1 GAW FIBRE EXTRACTION SYSTEM

Through the combination of GAW ECO-R and ECO-S filtration systems in the filtration of fibre-enhanced starch adhesive and/or for fibre extraction in the coating colour cycle at the work stations, a new filtration method has been developed with the GAW FIBRE EXTRACTION SYSTEM (FES). The permanent partial-current sifting of the materials that takes place over a GAW ECO-S filtration system removes the fibres from the work cycle. The fully automated filtration controls make the process highly user-friendly.

Space-saving, Clean and Maintenance-free

The GAW-FES' compact design reduces the need for space at the assembly site, and keeps the surrounding area clean in comparison to open sifting.
The dynamically mounted carbon scraping tools clean the ECO-R's cylindrical filtration bodies. The amount of partial current flowing over the reject conduit is kept constant over the downstream ECO-S filter by means of flow regulation. The amount of partial current is monitored with a flow monitor, and the degree of fouling is detected on the ECO-S filter. A cyclical interval flushing of the ECO-S filtration cartridges ensures maintenance-free operation.

Projects

GAW – Push-skid System for AUDI Brussels

GAW delivers a push-skid system for mounting doors and flaps onto body shells

For the assembly of a new variety of vehicle, AUDI Brussels is installing a new body shell and has commissioned GAW with the delivery of a push-skid system for mounting doors and flaps on the body shells. The entire, highly complex system with steel construction, mechanics and electronics, that also features a large number of interfaces to foreign systems, is slated for assembly in early February 2009. The start of production will take place in calendar week 33.

The Project

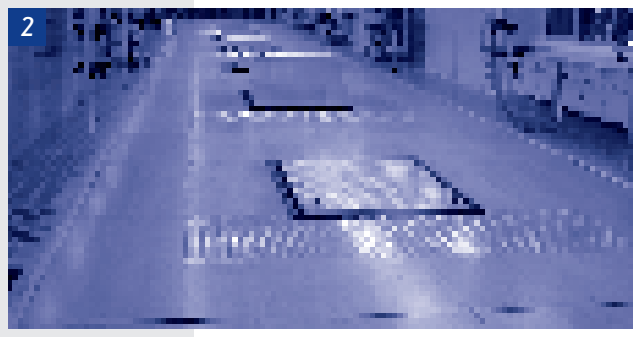
In addition to the push-skid system consisting of 34 push-skid platforms with integrated scissor-type lift tables in the working area, the main purchase package also includes

- 2 lift stations (4-column lift),
- Rolling conveyor in the skid return,
- 2 skid-to-push-skid and push-skid-to-skid transfer units,
- a discharge unit for the repair site,
- a repair site,
- the supplementary steel construction, platforms, material preparation surfaces, track supports and the distributor steel construction,
- IDENT system interfaces,
- replacement parts and the
- complete control technology including visualization.

The course of the push-skid system extends over several levels. A skid conveyor places the body shell at a height of 16,440 m at a particular site in order for it to be transferred to the push-skid system, and with the help of a transfer unit, the body shell is placed on the sliding platform. In order to ensure precise positioning of the body on the platform, there are pins on a panel-integrated, operator-safe lift table.
During the transfer, the vehicle data is read by the data storage medium attached to the body and transferred to the lift table control. Finally, the sliding platforms are transported by rolling tracks to the first 4-column lift and lowered to production level (height 11,000 m). The platform is deployed from the lift and is docked on to the pushing unit with the help of a pullout conveyor.
At the production level, the following takes place in a preset clock cycle of 70-130 seconds: in the first cycles, sanding work is conducted on the bodies, followed by the mounting of doors and flaps. Vehicle- and cycle-related lift tables individually adjustable for height enable employees to work ergonomically in this area. After the push-skid has gone through the working cycle, the lift table goes into neutral position. A pullout conveyor isolates the push-skid and delivers it to the 4-column lifter. After the lift, the push-skid is conveyed via single rolling tracks to the hand-over site to the final skid system. Hand-over takes place in the reverse order to the transfer described above. After release, the empty sliding panel continues in the direction of the transfer site and the course begins again.

The Push-Skid System: a pushing unit made of conjoined working platforms

The principle of the push-skid system is based on a pushing unit made of conjoined working platforms moving in flow mode. The push-skid itself consists of a mounting platform upon which workers and vehicle bodies can be found. The platforms in the envisaged project have measurements of 4400 mm x 5500 mm (w/l). Push-skids consist of a warp-resistant base frame made of rectangular hollow sections and sectioned steel, often covered with an abrasion-resistant, shockproof and anti-static wood panel or a compact layered compression-moulded panel. There can be no gap between the mechanically-linked platforms in the pushing unit, and height variations are balanced out with the help of a frontal height fixation between the individual platforms. Each push-skid contains a lift table which positions it to the necessary mounting height of the vehicle for each working cycle. The platforms are "pushed" by propulsion motors at the beginning of the mounting line.
Skids can also be frameworks equipped with or without track rollers. In the former case, the roller strips are then mounted on the bottom; in the latter, a sliding rail can be found on the bottom.
The track rollers used are Vulkollan rollers, or alternating built-in steel track rollers for the dissipation of static charge on the push-skid.
For lateral steering, the push-skids are equipped with adjustable steering rollers. In order to supply electricity to the push platform's controls, current collectors are mounted under the platforms that are in circuit with continuous busbars. Alternatively, an inductive electrical transfer can be used.



2 Schematic diagram AUDI push-skid system

GAW – Quality from Austria for the Chinese Paper Industry

GAW delivers coating colour kitchen, workstations and wet-end chemical preparation system to Shandong, China

In May 2008, an additional project in the paper industry area was able to be implemented in China's growth market. A supply contract for key components of a coating colour kitchen, of workstations and of wet-end chemical preparation system was signed between GAW technologies and Shandong Bohui Paper Industry in Zibo.
The volume of the commission amounts to 2.5 billion Euros and was transacted for the yearly output of 350,000 tonnes of packaging cardboard. Assembly supervision and start of operation of the plants are included in GAW's scope of supply. The start of operation is planned for the beginning of August 2009.

Shandong Bohui Paper – one of China's largest paper manufacturers

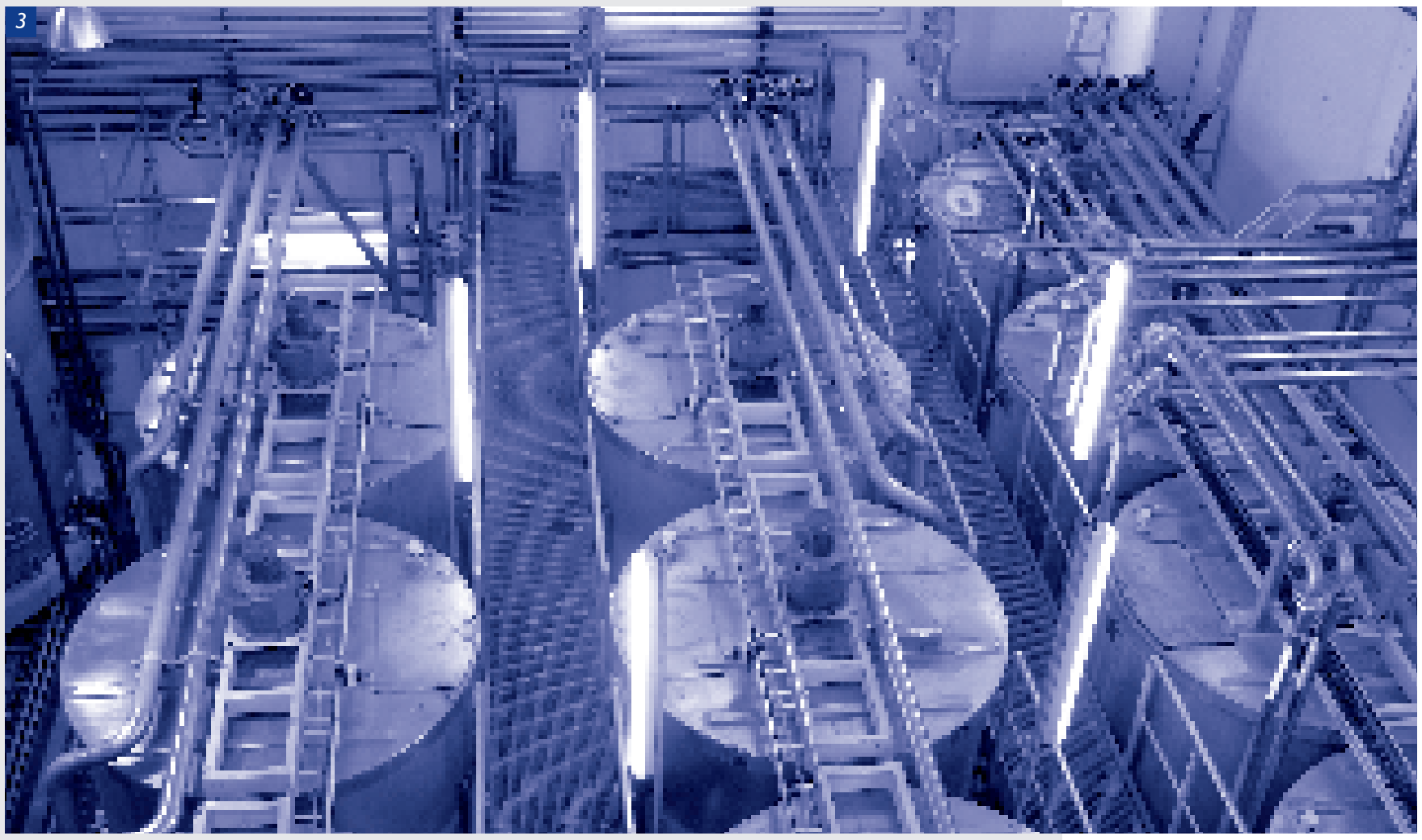
Shandong Bohui Paper Industry is about an hour's flight south from Peking in the middle of the up-and-coming Shandong province in Zibo, and is among China's ten largest paper manufacturers. The group's most important operations are manufacturing and sales of various types of paper, such as paperboard, writing paper, cardboard and corrugated cardboard.
The city of Zibo is traditionally characterized by industry and was an early centre for silk weaving mills. Today, Zibo is one of China's 50 strongest cities in terms of industry. The city is located on a large coal source. The Shandong Bohui Paper company's high energy needs are covered by the company's own thermal power plant.

3 Filter station

GAW's scope of supply

Engineering and delivery of key-parts

- *for pigment preparation of 8000 kg / h BD*
- *for coating colour preparation of 16000 l / h*
- *for starch preparation of 1250 kg / h BD*
- *for the working stations for VALSIZER and VALCOATER as well as*
- *for the wet-end part:*
- *filler preparation and storage*
- *alum sulphate storage and metering*
- *rosin size storage and dilution*
- *continuous preparation for cationic starch*
- *spray starch make down and distribution*
- *retention agents storage and dilution*
- *optical brightener storage and metering*
- *dye dilution and metering*
- *sodium hydroxide storage*
- *felt cleaning detergent felt down system*



Projects

4 Module wastewater cleaning

RSE – Major Order from a Brewery Plant Manufacturer

Delivery of a major pickling line and the associated wastewater cleaning to India


4

One of the largest manufacturers for brewery plants - the Ziemann Group in Ludwigsburg - has commissioned RSE Entsorgung AG with the conception, planning and delivery of a major pickling line with wastewater cleaning. Boiling tanks and brewing tanks made of stainless steel with an intersection of up to 8 m and a height of 40 m are among the items being produced at the new production site in Pune, India.

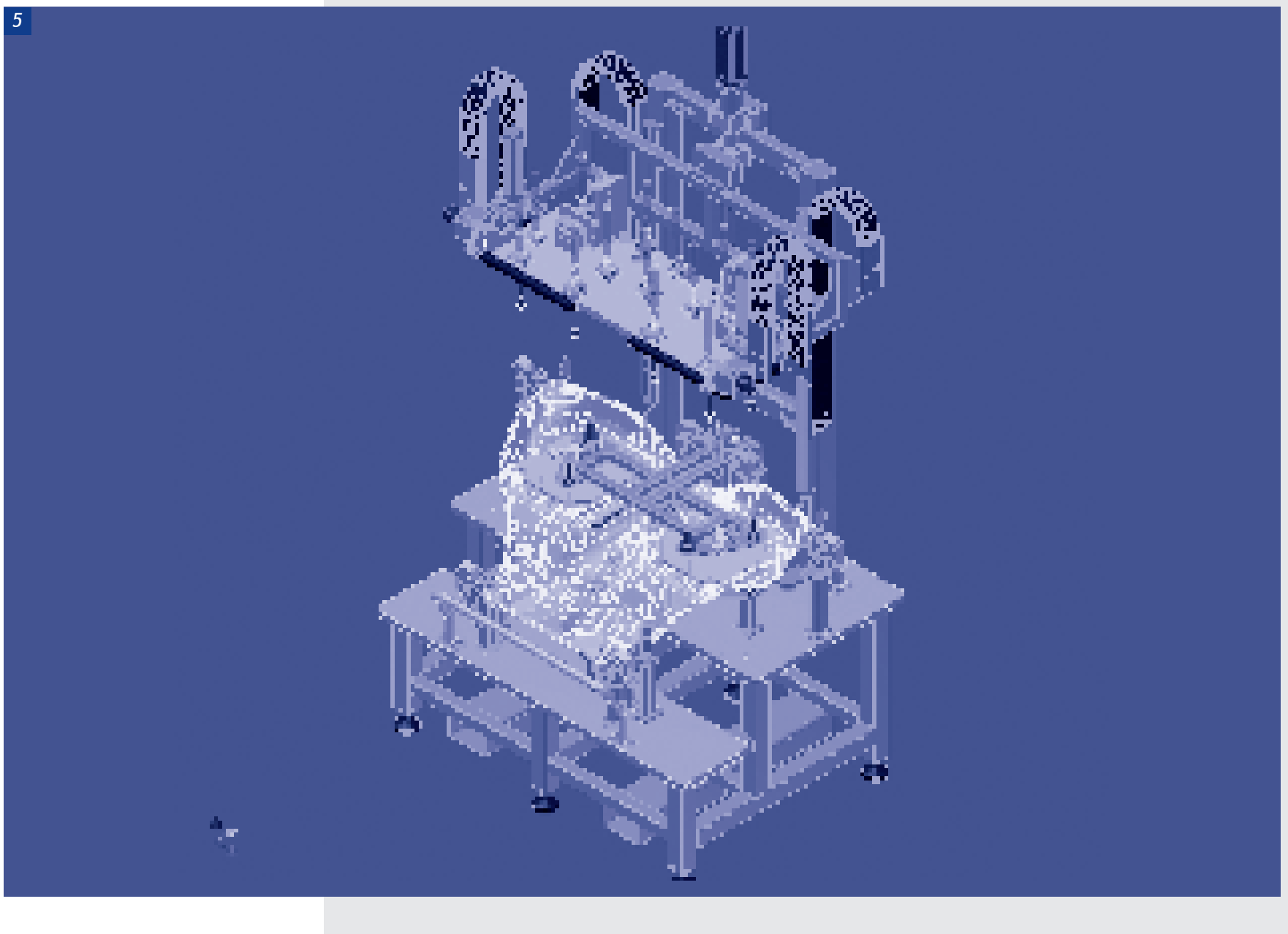
The Scope of Supply

In addition to the conception of the pickling line for the major components, the order also consisted of the delivery of the components as well as the associated wastewater, prepared on-site in Korntal, Münchingen. The wastewater cleaning involves fully-automated limewater precipitation for the separation of heavy metals and fluorides according to EU standards as well as a biological plant for treating cafeteria and sanitary wastewater.
The systems will be transferred to the customer in time for the total production's start of operation at the end of November.

5 MAW-Assembly station for MAGNA

MAW – Assembly Station for Quilled Mats at Magna Steyr

The use of quilled mats reduces fuel movement noise in automobiles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Magna has already placed its bets on the technical know-how of MAW in the past and has awarded them the commission for the planning, manufacture and start of operations of an assembly station for quilled mats in the tank's upper shell of automobiles.
Quilled mats are used particularly in higher-class vehicles and serve to suppress the fuel noise that occurs during acceleration and deceleration of the car. These mats with quills of approximately 2 cm are mounted on the smooth side of the tank shell, whereby the quills protruding into the tank area serve to reduce the noise.

The System in Detail

MAW's assembly station is set up so that the tank's upper shell is inserted, the appropriate quilled mat is then positioned atop it and affixed with pneumatic clamps. Afterwards 16 electric screwdrivers with plastic nuts in place are pivoted in automatic mode and screwed to the welding studs at hand, affixing the mats in place. After a scanning of the correct positioning of all nuts, the finished upper shell of the tank is once again removed.
The complete assembly and operating test takes place at MAW. Assembly and start of production at Magna are planned for the beginning of 2009.

ENVIRGY – SCR System for Power Plant in Holland

Reliability and professionalism have already earned Envirgy its third commission from the Dutch boiler maker NEM b.v.

Envirgy has already made a good name for itself in the Netherlands with its extensive experience with SCR systems and Envirgy is now already carrying out its third project this year for the Dutch boiler maker NEM b.v. In addition to the excellent customer references, it was in particular the reliability and high level of professionalism that were the deciding criteria for the contract award in favour of Envirgy.

Generating Electricity by Transforming Coal into Crude Gas

In an Integrated Gasification Combined Cycle power plant, coal is first transformed in a gasifier into crude gas (synthesis gas), which is burned in a gas turbine after being purified. The waste heat accumulated is used to generate steam to power a steam turbine. The turbines in turn power generators to generate electricity.

The project is comprised of the engineering and delivery of catalyser, injection as well as treatment and hauling of the gas water for three identical systems.
The project began in September 2008 and will be completed within the next two years.

Projects

CCI – Industrial Waste Treatment Plant Pöchlarn in Operation

The new plant is a significant contribution to the re-use of raw materials from waste

As early as late 2007, the CCI was commissioned by the Association of Local Government for Environmental Protection and Disposal Levies in the district of Melk with the construction of a new industrial waste treatment plant. The CCI's commission involves delivery and assembly of all steel constructions and sheeting as well as the complete execution and assembly of the machining equipment such as crushing units, filters, conveyor belts, separating tables, pneumatic separating units, and all other necessary construction measures.

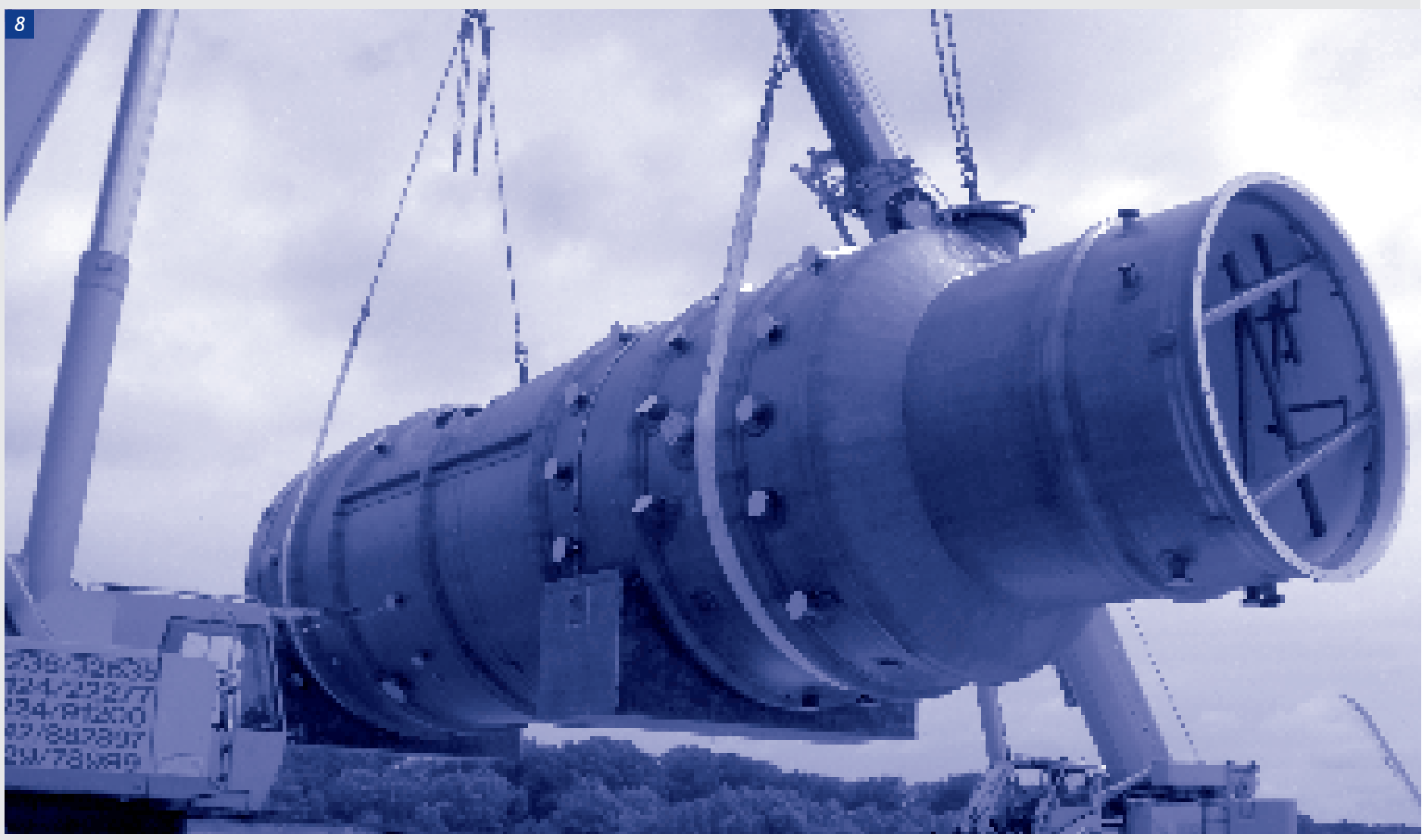
Treatment into Nine Different Substance Groups

The facility treats the industrial waste, once delivered, into nine different groups of substances and makes use of the most modern technologies. 40,000 tonnes are separated and/or treated yearly. Thanks to the high recovery quotient, a significant contribution is made to the recovery of raw materials from waste.
In the summer of 2008, the plant was handed over to the customer ready for use.

6/7 Industrial waste-treatment plant

Logistical Challenge for shipper THOMAS

For a wide load for Envirgy, bridges had to be strained



8 Shipment on river ship
9 Special transport via truck to Vienna

The shipper Thomas was presented with a special logistical challenge with the transport of an ENVIRGY smoke gas cleaning facility from Khaosiung in Taiwan to Austria: Three containers with a total volume of 1800 m3 and a total weight of 70 tonnes had to be brought safely across thousands of kilometres to their point of destination. Even just the measurements of the largest container, at 32 x 5.8 x 5.8 metres, reveal the dimension of the transport - a highway overpass is 4.5 m high.

Electricity disconnection for the special transport

The shipping from Taiwan took place on the oceangoing vessel Wiebke, which features a load volume of 8000 tonnes at a length of 150 m. A ship like this uses 45 tonnes of bunker oil a day at full throttle. After 32 days on the ocean, Wiebke reached the port at Rotterdam at the end of May, significantly delayed due to severe storms off the coast of Portugal. The delay could only be made up for by the meticulously planned direct siltation of the containers by crane onto the barge (river ship).
Within 12 days, the load was then brought over the Rhine Main Danube canal to the Danube port, where the last step of the transport took place via a truck to the construction site. And in order to carry out this special transport, not only did the proper trucks need to be available, but the route also needed to be prepared: among other things, a pipeline bridge which was too low was overstrained, and an electricity disconnection was carried out within the scope of a night-time drive, in order to raise lines.
The lead time for the largest transport in the GAW Group's history was just 4 months, but once again the synergies within the group were used impressively and the load was finally able to be transferred over undamaged at the point of destination.

Projects

KVT Commissioned for an Epichlorhydrin Production Plant

KVT GmbH Commissioned for an Epichlorhydrin Production Plant by a Major Chemicals Producer's Germany Site

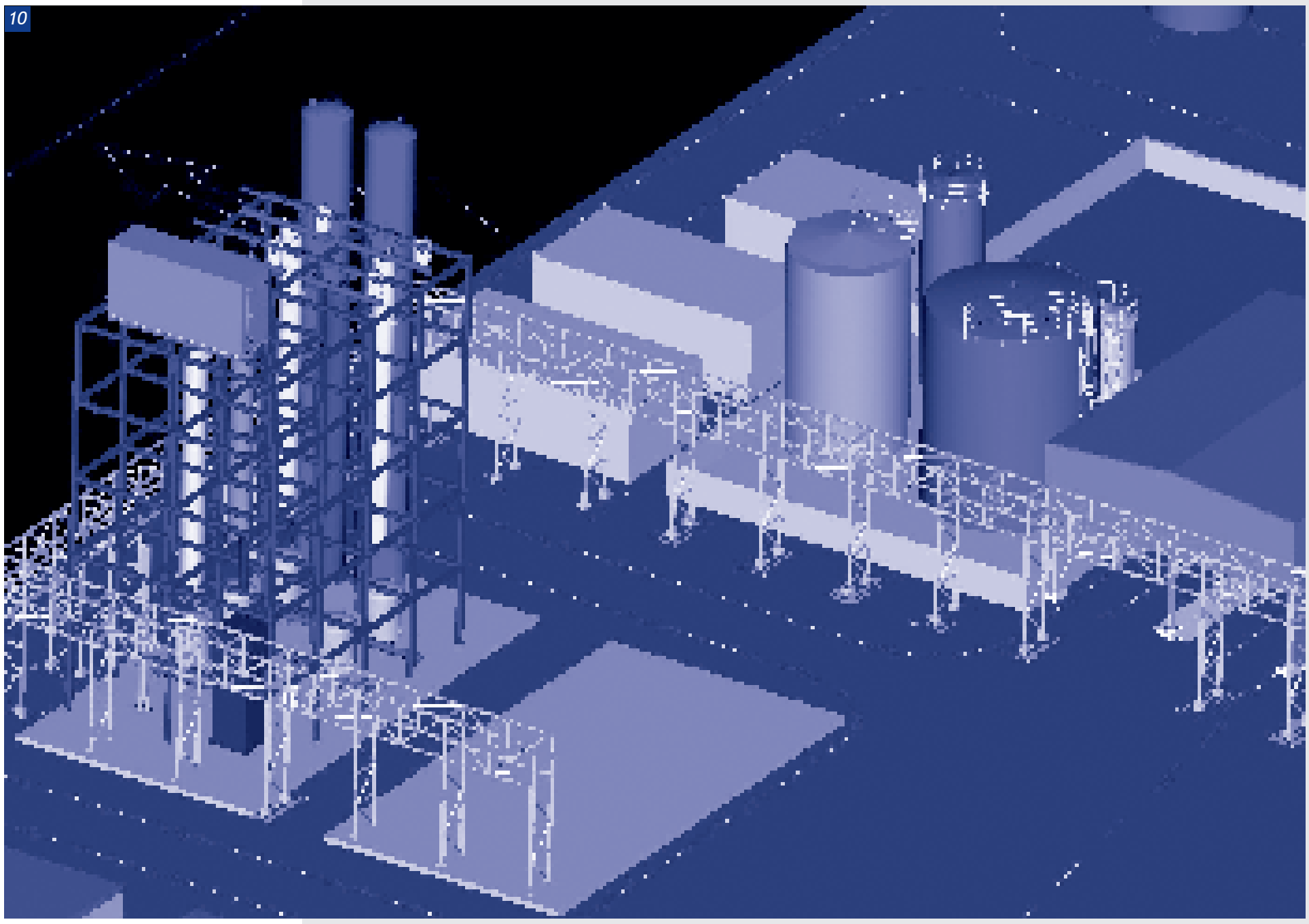
The Kanzler Verfahrenstechnik GmbH wins over with its know-how on customer-specific processing technology with a focus on minimizing environmental impact. For this reason, a major chemicals producer decided in June to commission KVT with the manufacture of an epichlorhydrin production plant. With this plant, the chemical group's plant site in Germany will be expanded. Since development, manufacturing and sales of epoxy resins and other adhesive agents are to continue in Germany, the company's management decided to build an epichlorhydrin production plant at their site. The planned epichlorhydrin manufacturing plant consists of two plant divisions: epichlorhydrin synthesis and epichlorhydrin distillation. Epichlorhydrin is an important raw material for epoxy resin manufacturing.

Goals

The new plant will be characterized by state-of-the art construction and operations and will thereby fulfil the following goals:

- Attainment of a high standard for plant safety and environmental protection
- High efficiency and
- Securing of high production flexibility.

The planned plant capacity is 15,000 t/a of epichlorhydrin. The project started in October of 2008. The plant is slated to be completed in late 2009.



10

Focus on

GAW – Innovation Ensures Growth and Jobs

The ability to bring forth innovations is being accelerated at GAW with its IKI project – Ideas, Knowledge, Innovation.

GAW's Innovative Competence

- *recognizes current trends as opportunities for something new*
- *grows through creativity and systematics*
- *encourages a culture of resiliency*
- *is a deciding factor for future growth and jobs*

"My interest is in the future because I am going to spend the rest of my life there". (Charles Franklin Kettering)
A quote that gives expression to the business and economic importance of looking to the future in our thoughts and actions, thereby speaking in particular to innovation: Actively challenging, supporting and managing innovations to create growth and jobs.
GAW's development from a fittings manufacturer for the paper industry to the centre of the GAW Group, which today is active in the domain of industrial plant construction worldwide and for several different branches, demonstrates the importance of adaptability and the close connection between success and innovation.

Don't Leave Innovation up to Chance

When we talk about innovation, we are talking in general about a company's resiliency in production, processes and structures. As a rule, innovation is based on an intensive content-based examination of one topic: The established is questioned in order to attain a new, improved condition. The efficiency in this process is decisive for a company's future competence, and each company is thereby individually challenged to increase the efficiency of its own innovative activities.

The GAW Project: IWI – Ideen Wissen Innovationen (Ideas Knowledge Innovations)

At GAW, a project on the topic of innovation management was started in early 2008, with the goal of further increasing the innovative competence of GAW in the future, and to correspondingly take advantage of the potential for innovation in the field.
The first project milestone was the execution of an innovation potential analysis, in order to demonstrate what resources and conditions for use existed for innovation, and to convey the existing competence to the corresponding implementation. In another step, based on an evaluation of the results, an implementation plan was developed in an interdisciplinary team, which now makes up the basis for the further development of the innovation and knowledge management project IWI - Wissen Innovationen at GAW.
Innovation is the engine for the construction and sustainable maintenance of competitive advantage. The task and goal of IWI is to systematically anchor innovation and knowledge management into GAW's organizational structure, whereby the first projects from the implementation plan, such as the IWI Brainstorm, are already being thematically treated in expanded working groups, and the corresponding measures are being implemented.
The ability to change at the right time and in the appropriate manner is a trait necessary for survival, especially for a company that has to compete on the international market. The systematic management of innovation and knowledge plays an important role in this.

Focus on

Opening of the Biological Clarification Plant at Papirnica Vevce

GAW was invited as a participant in the implementation of the project to the opening celebration of the new clarification plant

After the biological clarification plant at Paprnica Vevce, Slovenia, had been operating successfully in test operations since May of 2008, full operations went into effect in October. Using the best available technology, the clarification plant now meets the strict EU requirements of the IPPC Directive („Council Directive concerning Integrated Pollution Prevention and Control"), cleaning approximately 385 m3 wastewater per hour. GAW was entrusted in the implementation with the partial project 'Equipment', and delivered the engineering, the machine-related and electrotechnical equipment as well as assembly. (imteam reported in issue 1/07)

Advantage for the environment and the site

Papirnica Vevce is an exemplary project not just from an enviro-political point of view, but also in terms of the economy. With the investment into and installation of the biological clarification plant, the site is very secure in its position as the region's leading operations. The new plant is slated for annual production of 120,000 tonnes of paper.

The official opening celebration in Vevce took place on October 1. Many guests from the political and economic arenas, such as the Austrian ambassador to Slovenia, the owners of Brigl & Bergmeister, the business leaders of all of the project's partners as well as many media representatives showed up to celebrate the plant's start of operations.

Papirnica Vevce is a wholly-owned subsidiary of Brigl & Bergermeister AG. Brigl & Bergermeister produce labelling and packaging papers at sites in Niklasdorf, Austria and Vevece, Slovenia, and have built up a leading world market position in this branch of production.

11 ltr: Dipl. Ing. Marko Jagodič
Papirnica Vevče d. o. o.

Dr. Gertrude Eder
Brigl & Bergmeister GmbH

Dr. Mitja Bricelj, SLO
Staatssekretär im Ministerium für Umwelt und Raumordnung,

Dipl. Oec. Vladimir Brezavšček
Papirnica Vevče d. o. o.

ENVIRGY expands its Taiwan Office

Envirgy wins an important reference client with Taiwan's state electricity generator

Four years after the opening of a Taipei branch office, the office will be not only physically expanded and redesigned, but expanded from an operations office to an independent company with engineering competence. In addition to the development of the local companies in Taiwan, the office will support ENVIRGY in international business – especially in the areas of detail engineering and assembly (according to ANSI standards). Concretely, two projects are currently in the works: Flex Plant (USA) and Nuon Magnum (Netherlands)

Reference and Growth of Know-How

Additionally, an important assignment for the catalyser regeneration for a coal power plant of TPC, Taiwan's state electricity generator, is being carried out. With TPC, on the one hand, a new and important major customer has been won; on the other, this project will involve an expansion of the use of the patented method for regeneration of catalysers. In addition to providing an important new reference customer, existing know-how will also be expanded within the scope of this project. This is of great importance for Europe and for ENVIRGY Vienna.

12 Branch office ENVIRGY, Taipei

HTL vocational education apprenticeship on the subject of paper technology

The paper industry is planning to offer its own HTL vocational training apprenticeship beginning in the academic year 2009/2010 for operations engineers on the subject of paper technology.

With a new training model, the Austrian paper industry wants to close the gap between the teaching profession of paper technician and the paper and pulp studies program and is planning to offer its own HTL apprenticeship for operations engineers on the subject of paper technology, beginning the academic year 2009/2010.

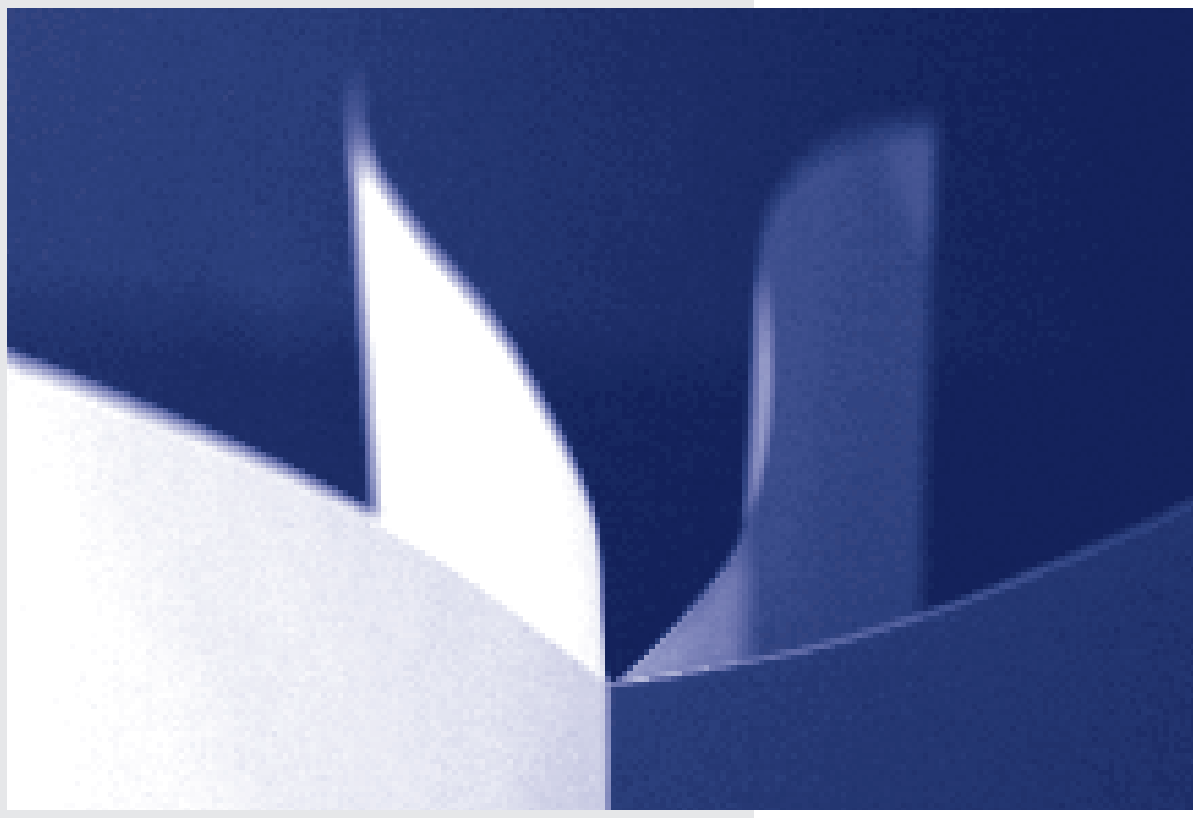
Course of the Training

The entire apprenticeship will be extra-occupational and is geared towards skilled workers in technical teaching professions as well as persons without prior technical knowledge - in this case, with a two-semester preparatory training – and not only in paper plants but also towards all operations in branches all along the paper production process.

The first four semesters can be completed throughout all of Austria at any HTL vocational education facility with a specialization in engineering, after which the vocational matriculation examination may be taken. For those students completing their A-levels or for graduates of other schools, there is the possibility of transferring credits on a case-by-case basis. From the 5th to the 8th semester, the second portion provides vocational training in paper technology. The majority of lessons take place at the vocational training centre at Steyrermühl in the form of several days' block lessons combined with e-learning.

Minimum number of participants a deciding factor

The precondition for the approval of this kind of study course is the participation of a minimum of 24 students in the paper technology class in the 5th through 8th semester. The basic need for such vocational training and how the lessons should be organized in detail were the subject of a survey conducted this fall by the Austrian Paper Industry Association. Unfortunately, the results were not yet available at the time of publication. One thing is certain: the new vocational training represents a very interesting form of continuing education and qualification for the companies and employees of the GAW Group as well.



Focus on

13 Solar power plant

GAW Energy – with the Power of the Sun

Solar power plant operations experiencing increased significance


13

The German Renewable Energy Sources Act, EEG for short, is meant to promote the expansion of energy supply plants powered by renewable sources of energy. As a result, the market for renewable energies in Germany is beginning to see strong development, and more and more roofs are being used to operate solar power plants.
GAW Energy GmbH, located in Munich, Germany, is investing in the construction and operation of solar power plants that work on the principle of the photovoltaic effect.

[1] Light energy (sunlight) is thus converted into electrical energy (electricity) without any other additional energy. The three plants that have been assembled perform together at 300 kWp and produce 3.5 MWh of electricity per year, which is sold to the local energy supply companies. With these solar power plants, on average, 100 four-person households are already being supplied with carbon-free electricity.

Austria's Leading Companies

KRESTA Plant Production has been recognized as a Top Company in Carinthia

For a decade already, Austria's most dynamic businesses are distinguished each year by Wirtschaftsblatt, by the consulting company Pricewaterhouse Coopers (PwC) and by the Association for the Protection of Creditors. In 2008, 400 companies competed for inclusion in the list of „Austria's Leading Companies", and in Carinthia, KRESTA was able to come out victorious among the „Big Players."
Again this year, the deciding criteria for first place were increasing profit margins in the last three years as well as positive operating results, equity quotients and profit or loss on ordinary activities (EGT).
KRESTA also managed to take an important step this year: From a pure components manufacturer to a plant constructor and complete supplier. If everything goes according to the plans of Franz Kreuzer, the managing partner, profits will grow to 250 billion Euros by the year 2015.

KRESTA – Open House

A glance behind the scenes at the Open House of Carinthia's industry

The "Open House" of September 19, 2008, organized by Carinthia's industry for its various operations, was a big success. KRESTA, too, opened its doors to interested visitors, who were greeted by the „KRESTA Girls" A-levels project team, who actively contributed to the entire organization. After a brief company presentation, a tour was given through the production halls and, at the end, the annual KRESTA Fest was thrown for employees and their families.

Company Excursion

After a long period of planning, the KRESTA company excursion to PAMA Papiermaschinen GmbH in Freiberg finally took place in late September. The paper machine builders, also part of the GAW Group, provided the colleagues from KRESTA with many interesting insights into production and into the newest technologies and it was a terrific opportunity to get to know one another better, and to exchange experiences with one another. The meeting was rounded off with a tour of Dresden's most important sights.

People

Oliver Koroschetz

Oliver Koroschetz has been a part of the GAW team since 1999, and has been working for about two years now as the central contact point for our customers seeking after-sales service. By working closely with the GAW operations team and the development department, competent consulting and the providing of innovative solutions are always guaranteed.

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Thomas Bartonek

Thomas Bartonek has been strengthening the ENVIRGY team since early September 2008. Because of his long years of experience in combustion technology with a leading provider, he is able to excellently apply his competence to the projects of the RGR which are supervised by ENVIRGY at the incineration site. ENVIRGY's performance spectrum is thus expanded in the implementation of complete projects from incineration all the way to smoke gas cleaning. Because of his past experience as a sales manager, Mr. Bartonek has a great deal of experience at the ready when it comes to contact with discriminating customers.

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Subject to misprints

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