



# Ruhrpumpen Adds Value With Pre-Packaged Systems

The pre-packaged systems, or skids, are self-contained pumping systems that include, besides the pump, valve instruments, pipes, motors, controls, and any other element required for a pumping system. Ruhrpumpen has the capabilities to assemble any pumping system into a skid.

By saving money and requiring less space, these highly efficient skids are the perfect choice for customers. They save money by reducing labor, engineering and installation cost. Skids eliminate the need for separate mounting surfaces and simplify installation.

Ruhrpumpen Argentina was awarded the construction of eight complete skids for pumps and filters to be installed at a new Thermal Power Station at Ensenada de Barragan, Buenos Aires Province, Argentina for approximately 1.5 M USD.

Each skid for the Thermal Power Station will perform a different function, such as fire fighting systems, demineralized water, gas oil feed, gas oil cleaning, truck discharge, and auxiliary services. A total of 17 of our pumps are included for varying types of services and conditions.

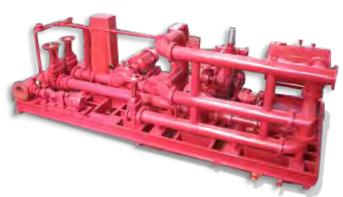
This new challenge demonstrates the growth of our company and commitment to satisfy market demand.



Pre-packaged Fire System for Chile, GNL



Pre-packaged Fire System for Argentina, Mining



Pre-packaged Fire System for Mexico, Power Generation Market



Pre-packaged Fire System for Mexico, Off-shore



# Ruhrpumpen Enters the Solar Power Market

ANDASOL III, developed by MAN Solarmillenium (MSM), is a solar thermal power plant in Spain that will deliver solar electricity to 200, 000 homes in 2011. Ruhrpumpen is providing the pumps for the solar field which are the heart of the solar power plant. These pumps send a heat transfer medium to the solar collectors where it is heated by the reflected sun rays up to 400 C. It is then pumped through a series of heat exchangers to produce steam which is converted to clean electrical energy in a conventional steam turbine generator. The ANDASOL III power plant is also able to store energy for use on cloudy days or at night.

Ruhrpumpen selected the API between bearing single stage, horizontal double suction pump. Chrome steel material was chosen for the casing and impeller based on temperature and pressure requirements.

Entering the renewable energy market is a significant step for Ruhrpumpen.



HVN - Between Bearing Double Suction Pump





ANDASOL III - Solar Thermal Power Plant





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# New Successful Delivery; Over 640 Ruhrpumpen Pumps Now Installed in Iraq

With the world's fourth largest reserves of 115 billion bbl, Iraq is one of the major markets of Ruhrpumpen.

Nearly all the Iraq-Turkey and Iraq Saudi pipelines have been supplied by Ruhrpumpen for crude oil transport and fire fighting, along with many other process pumps. Records show that 644 pumps have been delivered to Iraq since 1977, excluding those not recorded when the company structure changed.

The main pumping station is situated in the northern city of Kirkuk where the Iraq-Turkey pipeline starts towards Jehan port in Turkey. Built in late seventies, the station consists of five ZM II 503/06 as booster pumps (1700m3/hr of flow and 39 meters head, with an electric motor of 0.5 MW), and three ZM I 375/05x2 as main pumps (1760 m3/hr of flow and 313 meters head, with an electric motor of 1.7 MW). The station was bombed by American air forces in 2006 when the insurgents used the station as meeting point. Consequently, the pumps, motors, and all other sub components were out of order.

Our Ruhrpumpen Iraq office took the lead and arranged an offer with typical replacement in record time. The order was opened in September 2008 with a total value of \$8,500,000 L/C and it was successfully delivered to the client in February 2010 with a 250 ton total package weight.

The customer's decision to place their trust and confidence in Ruhrpumpen was affirmed with the delivery of new, highquality pumps that will run for years to come.



RURHRPUMPEN / IRAQ Baghdad, Republic of Iraq Tel: 00-964-7702959293



# Ruhrpumpen Continues to Improve Delivery Times

The continuous optimization and modernization of a pump system is an essential requirement for the economical operations of a plant.

Exxon Chalmette Refining in Louisiana knows that and contacted Ruhrpumpen to purchase a new bowl assembly for a non-Ruhrpumpen pump instead of parts or repairs from the OEM.

The retrofit for the river water pump was developed in Tulsa and Ruhrpumpen had the bowl assembly eight weeks earlier than estimated. This was possible thanks to quick responses to all clarifications and the early receipt of materials. With every delivery, our customers receive the best in quality iand service.



# Decoking Trailer Draws Attention at Trade Show

Refiners from around the world who are involved with decoking units visited the cokinig.com Coker Safety Seminar in Galveston in April, where the Ruhrpumpen's Decoking Business Unit was present. The seminar focused on safety operations, process, and reliability of the delayed coking units. As an exhibitor, Ruhrpumpen brought its decoking display trailer which features actual pieces of equipment such as Auto-Switch Cutting Tools, Drill Steam Drives, Free-Fall Arrestors. The mobile exhibit highlights how this equipment can enhance operations when used in conjunction with Remote or Automated Cutting Control Systems.

As a result of this exhibition, Ruhrpumpen was invited to take the trailer on the road to give more presentations to its customers.



Decoking Display Trailer at the coking.com Coker Safety Seminar



## Ruhrpumpen Strengthens the Already 30 year Existing Relationship With the PetroChina Pipeline Company

The General Manager, Mr. Yao Wei, and Deputy General Manager Mr. Cong Jianhua, of the PetroChina Pipeline Company met Mr. Stephan Frieds, General Manager of Ruhrpumpen and Mr. Hans-Ulrich Koehler, the former General Manager at the PetroChina Pipeline Company.





Horizontal Split Case Pump Single Stage - HSC



Horizontal Split Case Pump Single Stage - ZM

The Pipeline Company is one of four regional companies in charge of the pipeline operation management under Petro-China, Mr. Yao said. The Pipeline Company is running more than 3100km of crude oil pipeline and more than 5000km of product oil pipeline, transporting materials including crude oil, product oil, gas, etc. The Chinese long-transport pipeline industry gained rapid development in recent years, with over 6000km of new pipeline being constructed every year, most of which are being handled by the Pipeline Company.

The history of cooperation between the Pipeline Company and Ruhrpumpen can be traced back to when the Tie-Da pipeline was constructed, over 30 years ago.

Mr. Yao stressed that the Pipeline Company is willing to strengthen their collaboration with Ruhrpumpen in the related areas, and that they are grateful for the superb quality supplied by Ruhrpumpen



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# Rhurpumpen Opens New Service Center in Edmonton, Canada

On March 22, 2010 Ruhrpumpen Canada Inc. officially opened their Service Center in Edmonton.

The facility is equipped with major machine tool and balancing capabilities to repair and rerate API and ANSI centrifugal pumps and other rotating equipment in the HPI, power, pulp & paper and municipal industries.

It is staffed with experienced tradesmen, engineering personnel and supported by Engineering Design Groups in Mexico, USA and Germany. All work carried out at the Edmonton Service Center will be in accordance with ISO 9000 requirements.

#### **KEY PERFORMANCE CRITERIA FOR OUR BUSINESS**

- Product and Service Quality
- On-time Delivery
- On-time Quotations
- Quality and on-time as-built Reports
- Health & Safety of our Employees
- Environmental Awareness





**EDMONTON SERVICE CENTER** 2887 Parsons Road, Edmonton, AB T6N 1A3 Tel: 780-461-6265



# Ruhrpumpen Decoking Business Unit Makes a Strong Start in 2010

The Ruhrpumpen Decoking Business Unit has had a very good start in 2010. All orders have been shipped on-time or ahead of schedule, and new orders have been received.

In the first quarter of 2010 the Decoking Business Unit (DBU) should finalize the following projects each with different requirements:

- Shell Argentina
- Hunt Refining, USA
- HMEL India

### **Shell Argentina**

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Shell wanted to upgrade their coker unit in Buenos Aires, Argentina with the addition of a new cutting system which included the installation of our remote cutting features. This cutting feature removes the operators from the cutting deck, thereby enhancing safety while at the same time taking full advantage of our high performance cutting system

To secure this order, the Ruhrpumpen team visited the Shell plant and convinced the project group from Shell Houston and Buenos Aires of the capability of the Ruhrpumpen cutting system and the BU. As with many projects, it took a long time for Shell to receive final approval to proceed, and consequently, project lead time was reduced. Nevertheless, the BU organized a tight project schedule and met the required delivery dates. An important factor in securing the order was good cooperation between the Ruhrpumpen project team in Witten and Ruhrpumpen Argentina.

The system will be installed during the turnaround scheduled for mid-2010.





The Ruhrpumpen team ready to inspect the coker unit at Shell Argentina in April 2009.

The Shell project teams from Houston and Buenos Aires during their visit in Germany in January 2009.



Two Crossheads with Drill Stem drives ready for packing and shipping to Argentina in March 2010.



# **Ruhrpumpen Decoking Business Unit Makes a Strong Start in 2010**

#### **Hunt Refining**

Hunt Refining in Alabama planned a 2-drum expansion of their existing coker unit to increase through-put and achieve higher safety levels with the Ruhrpumpen remote cutting feature.

Hunt Refining, along with their engineering contractor Commonwealth Engineering & Construction (Commonwealth), carefully evaluated all technical parameters and visited an existing Ruhrpumpen installation in the USA. Upon completion of their review they placed the order with Ruhrpumpen.

Ruhrpumpen BU worked closely with the North America-BU, the Project Management Team in Witten and Commonwealth. This included integrating the existing decoking unit with the new units with being provided by Ruhrpumpen.



Hoist system for Hunt Refining



FAT of Control System for Hunt Refining

All mechanical and control equipment has been tested successfully, delivered, and will be installed later this year.



# Ruhrpumpen Decoking Business Unit Makes a Strong Start in 2010

#### **HMEL India**

Ruhrpumpen won the first order for a complete hydraulic decoking system in India in October 2008. Since then the client has been convinced of the benefits of an electrically driven cutting system. It should be noted that by selecting an electrically driven cutting system, this facility can easily be converted to a Remote Cutting design to improve safety, and/or an automated cutting design to increase unit efficiency. After hard work in Witten to meet all specifications and delivery commitments, the first consignment was ready to ship four weeks prior to the contractual delivery schedule. The last consignments will be shipped this month.





Jet Pump Unit and Lube Oil System, ready to pack and ship

Based on skillful order management and superior technology, other customers in India were convinced of the Ruhrpumpen advantage. Ruhrpumpen received the following orders in India from NOCL, MRPL, and IOCL-Paradip in 2009 and 2010.

Furthermore, as a result of consistent order management, timely delivery, and technical implementation, we recently received an additional order from Lukoil in Russia for a complete New Decoking System.

With all this these new orders, the Ruhrpumpen Decoking Business Unit is looking to the future with optimism.



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# Ruhrpumpen Meets with Intech in Malaysia

Sales representatives from Ruhrpumpen and Intech met to discuss local market opportunities and exchange information. Both parties are confident that the strong relationship will bring more projects in the near future.

#### About Intech

Incorporated in 1996 as the successor to pump solution experts Thyssen Ruhrpumpen GmbH.

Intech has grown its experience and market share in Asia to become a leading pump supplier in the region, providing quality pumps to various industries. Over the years, Intech Pumps has established itself in Singapore, Malaysia, Indonesia, Vietnam, and China, catering to the stringent requirements of the oil and gas industry, mining, utilities, and government sectors.

Intech provides full after market service and support at their own Intech Pumps Service Center (OEM) based in Malaysia. Services include commissioning, supervision of installation, start up, service & repair, overhauling, retrofitting, reconditioning, fully guaranteed spare parts back-up service, and training.

Intech is in the process of acquiring the Petronas License under its subsidiary, Intech Oil & Gas Sdn Bhd, and Ruhpumpen will be on Petronas approved brand list. With its regional presence and reach, Intech Pumps aims to become Asia Pacific's leading one-stop provider of pump equipment, parts, and services.



Intech and Ruhrpumpen in Kuala Lumpur, Malaysia

# Latin America Sales Meeting

A sales meeting in Queretaro, Mexico, was held in April 2010 with sales representatives from Colombia, Venezuela, and Mexico. Issues such as new projects and continuous improvement in internal communication were discussed in the meeting.

The Colombian and Venezuelan markets look very promising for Ruhrpumpen, and we expect strong growth in that area.

The Latin America Sales team has a great sense for service and is always available to help their customers with any needs they might have.



Latin America Sales Meeting - Queretaro, Mexico



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# Mr. Koehler's Retirement

On 27 February, 2010, Mr. Hans-Ulrich Koehler celebrated his 65 birthday and retired as Managing Director of Ruhrpumpen Witten, Germany.

Ulli, as many people know him, worked a total of 37 years Ruhrpumpen GmbH. He assumed the role of Managing Director, for the second time, when the company was taken over by Corporación EG in 1997.

As stated in his farewell speech during the inhouse party, he will keep fond memories of the time spent with the people of Ruhrpumpen.

His responsibilities will be taken over by his successors, Mr. Stephan Frieds, Mr. Gregory Jacobowitz, and Dr. Wolfgang Paul who, together, will continue the successful development of the company.



Mr. Hans-Ulrich Koehler

### Ruhrpumpen GmbH - New Managment 2010



Dr. Wolfgang PaulMD Decoking



Stephan FriedsMD Pumps



Gregory Mark JacobowitzMD Finance

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