



## HEBETEC ENGINEERING NEWSLETTER

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### Dear Sir or Madam, dear Customers

We are pleased to inform you about our recent activities with our second newsletter. Much has been going on at Hebetec, but see for yourself!

### > NEWS



### OIL RIG BONKOT (HYUNDAI HEAVY IND. / ULSAN KOREA)

On July 23, 2011 the 23'600 ton heavy oil rig was shifted and subsequently put into operation in the Gulf of Thailand. Hebetec Inc. bore full responsibility for the shifting work. The oil rig was moved with 8 strand jacks H-600 on sliding shoes with teflon inlays over a distance of 90 meters.

### > CURRENT PROJECTS



### STADIUM BC PLACE VANCOUVER (KANADA)

After the Winter Olympics 2010 in Canada the Olympic stadium BC Place in Vancouver was renovated. Part of the work involved replacing the existing roof by the Freyssinet Group. To strain the polygonally arranged suspension cables Hebetec used 30 strand jacks H-40 and H-10. The work on the roof took 8 months and was realized under difficult conditions regarding safety and weather. The stadium seats about 60'000 spectators.



### **KOLKATA AIRPORT (INDIA)**

Currently, the Kolkata airport is being enlarged and modernized. On behalf of and with Freyssinet Thailand, Hebetec lifts and moves multiple trussed girders of the new terminals up to a height of about 30 meters during the next 1.5 years. 10 strand jacks H-140 and H-200 will be used for the work.



### **LOAD-OUT TSUJI (CHINA)**

Hebetec received a contract for the movement of six freight ships from Tsuji. After construction is done, the ships of 8'600 tons each will be shifted, first crosswise, then lengthwise, on skidways in the dockyard over a distance of 500 meters onto a pontoon. To execute the contract, 32 APS-385 modules with push-pull units will be employed.



### **STREETCAR BRIDGE BERNE (SWITZERLAND)**

For the new streetcar depot in Berne, a new bridge over the highway had to be built to allow access for the streetcars. The bridge was pre-assembled 2.8 meters above the final height. The reason for this was to guarantee bridge and mounting frame clearance. After completion of the bridge, the mounting frame was removed and the 360 ton heavy bridge was lowered 2.8 meters via 4 strand jacks H-200. Afterwards, the bearings were grouted with concrete, and after one week of drying time the load transfer onto the bearings took place.



## POWER PLANT KARLSRUHE (GERMANY)

Block RDK 8 was built as an extension of the hard coal-fired power plant in Karlsruhe. After completing the power plant's furnace steelwork the strand jacks were set up at 50, 80, and 120 meters above ground. The various parts were lifted into their final position via a total of 100 strand jacks of differing types. The weight of the individual parts ranged from 30 to 4'000 tons.

### > EQUIPMENT



## NEW HYDRAULIC POWER PACKS WITH HIGHER DELIVERY RATE

In March of 2011, Hebetec Engineering obtained additional hydraulic power packs with a higher delivery rate. The PA-4-30s were developed specifically for our strand jack system in collaboration with the supplier.

### > EMPLOYEES



## URS BRUNOLD

To complete our team, Urs Brunold joined us in September 2010 as project manager. Until then he was responsible for acquisition and project management tasks in plant construction, mainly in the Asian and European regions. His last project was carrying out the project and construction site management for a Swiss company during the construction of a hydroelectric power plant in China. With his many years of experience in project management Mr. Brunold is a welcome addition to our team and we wish him all the best for his work at Hebetec Inc.

If you'd like to know more about our activities or Hebetec in general, visit us at

> [www.hebetec.com](http://www.hebetec.com)

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## HEBETEC ENGINEERING AG

Sagi 1, Postfach 033 | CH-3324 Hindelbank  
Tel. +41(0)34 411 71 71 | Fax. +41(0)34 411 71 70  
[info@hebetec.com](mailto:info@hebetec.com) | [www.hebetec.com](http://www.hebetec.com)

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