

Heavyweight News 18

Dear reader,

In this edition of Heavyweight News we would like to give you an overview of the latest Sarens news and some of our worldwide projects.

On the business development side, Sarens started a joint venture in Nigeria together with its partner Buildwell. The joint business unit will offer heavy lift and special transport on the Nigerian market. Sarens also completed its joint venture with Wilbert in Germany, and jointly provides and operates super heavy tower cranes.

Recent developments on Safety & Quality level resulted in the achievement of the OHSAS-certificate both for Sarens Nederland and Sarens South Africa and we keep pushing all our business units towards full ISO and OHSAS certification in the near future.

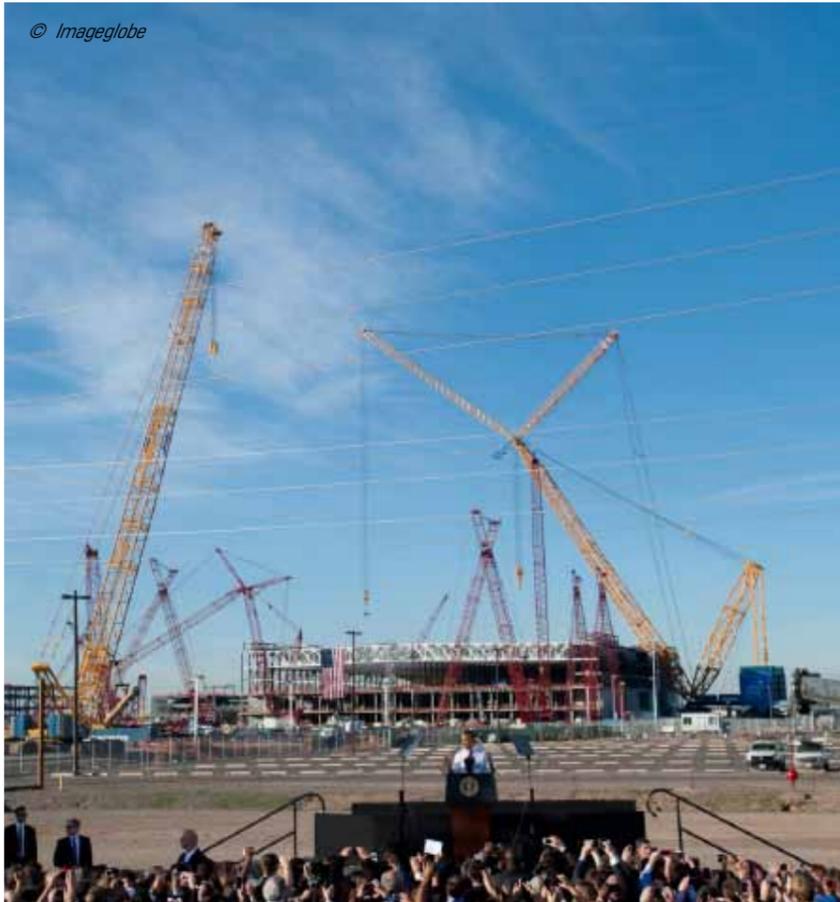
In this edition, we also present you the first projects of some of our newest equipment: the Sarens Giant Crane (SGC-120) in action in the USA and K25 road haulage which started in West-Canada.

Enjoy reading this issue.

Wim Sarens - CEO Sarens Group



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LOCATION

CHANDLER - ARIZONA - USA

EQUIPMENT USED

SARENS GIANT CRANE (SGC-120)

“BIG BENNY” PUTS ON BIG SHOW IN ARIZONA

Sarens' SGC-120 crane successfully completed its first project in which it played a critical role in the construction of a high tech manufacturing facility in Arizona. The project, one of the largest construction projects in the United States, made use of the SGC-120's superior reach and versatility to expedite the construction process.

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Along the way the SGC-120, also known affectionately as “Big Benny”, named after our board member Benny Sarens who is the company's driving force behind the design and development of the crane, has become a local attraction and even served as a backdrop to a speech by President Obama.



LOCATION
EQUIPMENT USED

NISKU, ALBERTA - CANADA
12 axle lines K25 SL KAMAGS combined with heavy haul tractor

HEAVY TRANSPORT IN CANADA

Sarens' subsidiary Canada Crane Services transported six vessels (shale gas contactor regen towers) measuring 22m long and weighing 93t. These vessels will be used at the Cabin Lake Encana Shale Gas Field in the northeast of British Columbia, which will soon be the largest natural gas processing plant in North America.



LOCATION
EQUIPMENT USED

CONKLIN - ALBERTA - CANADA
2 x CC2400; LR1250;
Manitowoc 14000; 12 x RT's & Carry Decks;
24 axle lines SPMT's

KIRBY LAKE IN SITU

CNRL Kirby Lake is a new plant construction project for Steam extraction of oil from the Alberta Oil Sands reserves.



LOCATION
EQUIPMENT USED

TOMASZÓW - MAZOWIECKI - POLAND
AC700; GMK5100

LIFTING OF A PRESS MACHINE



Sarens unloaded the press machine, which was transported horizontally on a truck, to a vertical position (tailing operation). For this operation a spreader equipped with 2 sheaves was used.

In order to use the boom of our crane, the client especially made a hole in the roof following Sarens' guidelines.

A 100t auxiliary crane was used to put the ballast onto the AC700.

To the client's satisfaction the full operation took only 1 day.



LOCATION
EQUIPMENT USED

PANCEVO - SERBIA
LR1750; CC2400-1; 2 x 12 axle lines SPMT's

MILESTONE IN SERBIA

Sarens was awarded the heavy lift contract for the Hydrocracker project in the NIS refinery of Pancevo. This is a milestone in the overall modernization of the refinery. The two reactors (485t and 520t) were top of the list of heavy equipment to be installed in the new unit.

The contractual scope consisted of the following:

- transport, lifting and installation of over 55 pieces of equipment
- transport and lifting of air coolers
- unloading, transport, lifting and installation of heavy equipment

The equipment arrived in the port 3km away from the refinery.



LIFT OF 145t CONVECTION SECTION



LOCATION MELBOURNE – VICTORIA
AUSTRALIA

EQUIPMENT USED LR1350

Sarens successfully completed the heavy lifting works for the major maintenance turnaround of ExxonMobil Altona Refinery which is now back in operation after being shut down for six weeks.

The turnaround improved energy efficiency and reduced greenhouse gas emissions as well as a general improvement in plant reliability and performance.



ASSEMBLY OF A STACKER - RECLAIMER

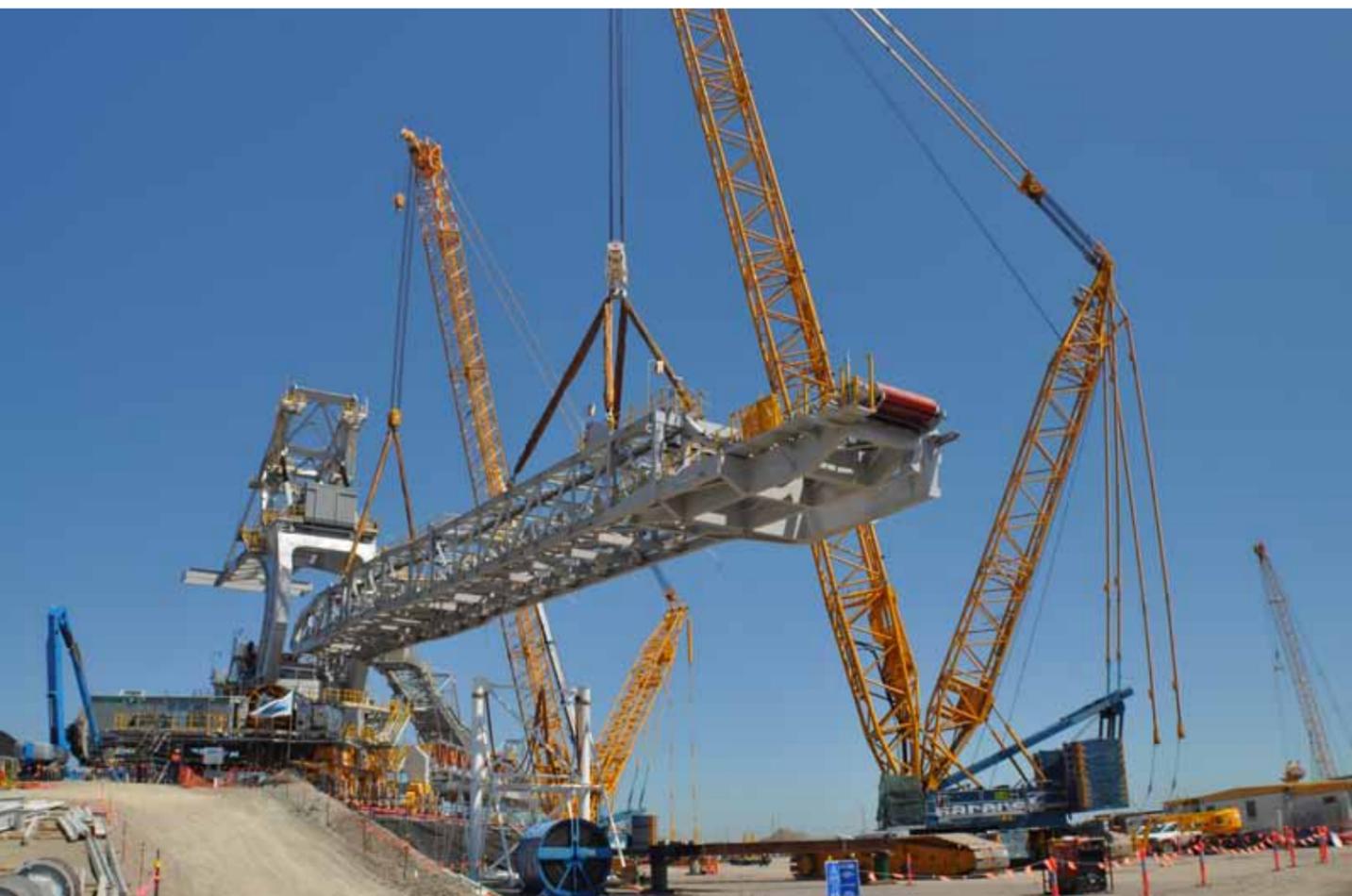


LOCATION NEWCASTLE – NEW SOUTH WALES
AUSTRALIA

EQUIPMENT USED CC2800-1; LR1350-1

Sarens has completed the lifting and installation of combined stacker / reclaimer components for the NCIG coal export terminal expansion Phase 2. This notably included lifting the Slewdeck (300t) and a tandem lift of the stacker / reclaimer boom (63m – 250t).

The completion of these activities has enabled the initial phase commissioning of the export terminal expansion to commence.



DCD LIFT

LOCATION PORT ELIZABETH – SOUTH AFRICA

EQUIPMENT USED AC650

The port of Ngqura, which began commercial ship operations (containers) in October 2009, lies some 20km northeast of Port Elizabeth and is South Africa's eighth and latest commercial port development, situated at the mouth of the Coega River in Nelson Mandela Bay (Algoa Bay).

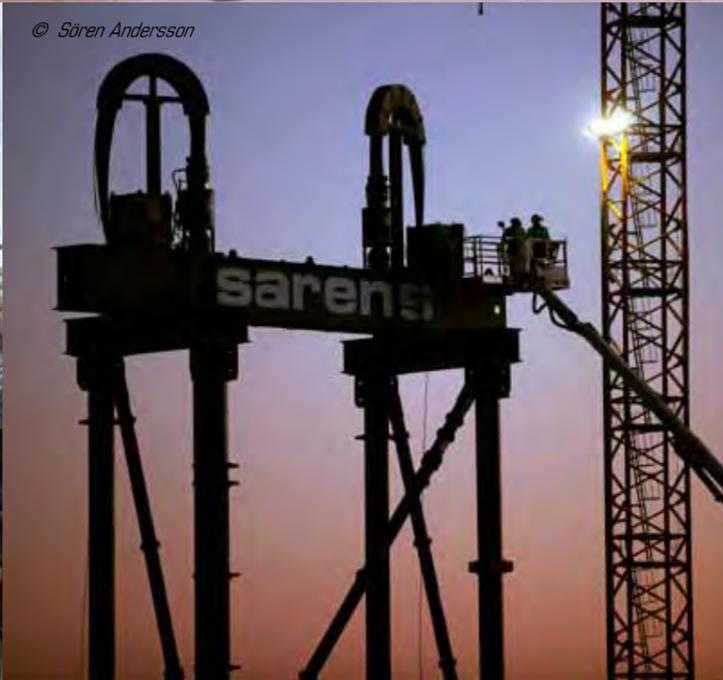
Sarens fitted the lifeboat davits on the starboard side of the rig as part of the rig upgrade. 17t load needed to be lifted.

Sarens is again currently working in Port Elizabeth (Coega) with the erection of more Liebherr Container Cranes.





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© Sören Andersson



LOCATION STOCKHOLM - SWEDEN

EQUIPMENT USED 610-support system; 4 x 650t Strand Jacks

SARENS HELPS TO BUILD A NEW ARENA

The Stockholm Arena is a sport and event arena. With its 30.000 seats, the arena can host many different types of events e.g. football, concerts, equestrian sports, motor sport, corporate meetings and banquets and exhibitions all year round. For this reason, the arena is built with a sliding roof, allowing events to be held independent of weather conditions.

Sarens lifted two steel roof trusses approximately 30m and secured them on suspension beams at both ends. Each roof truss is 180m long, 7m wide and 17m high. The small and narrow site provided Sarens with challenging logistics.

Installation of the suspension beams also required several tandem lifts, chain blocks and jacks to get into final position.



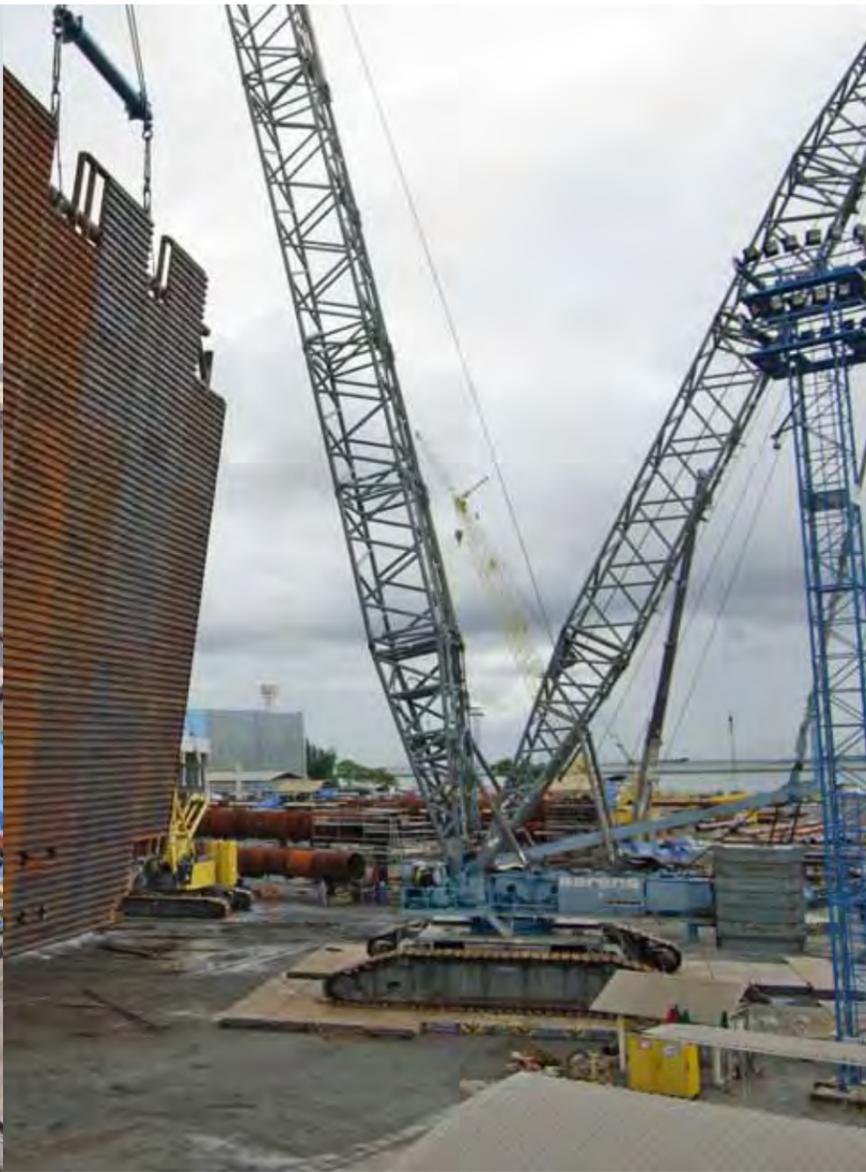
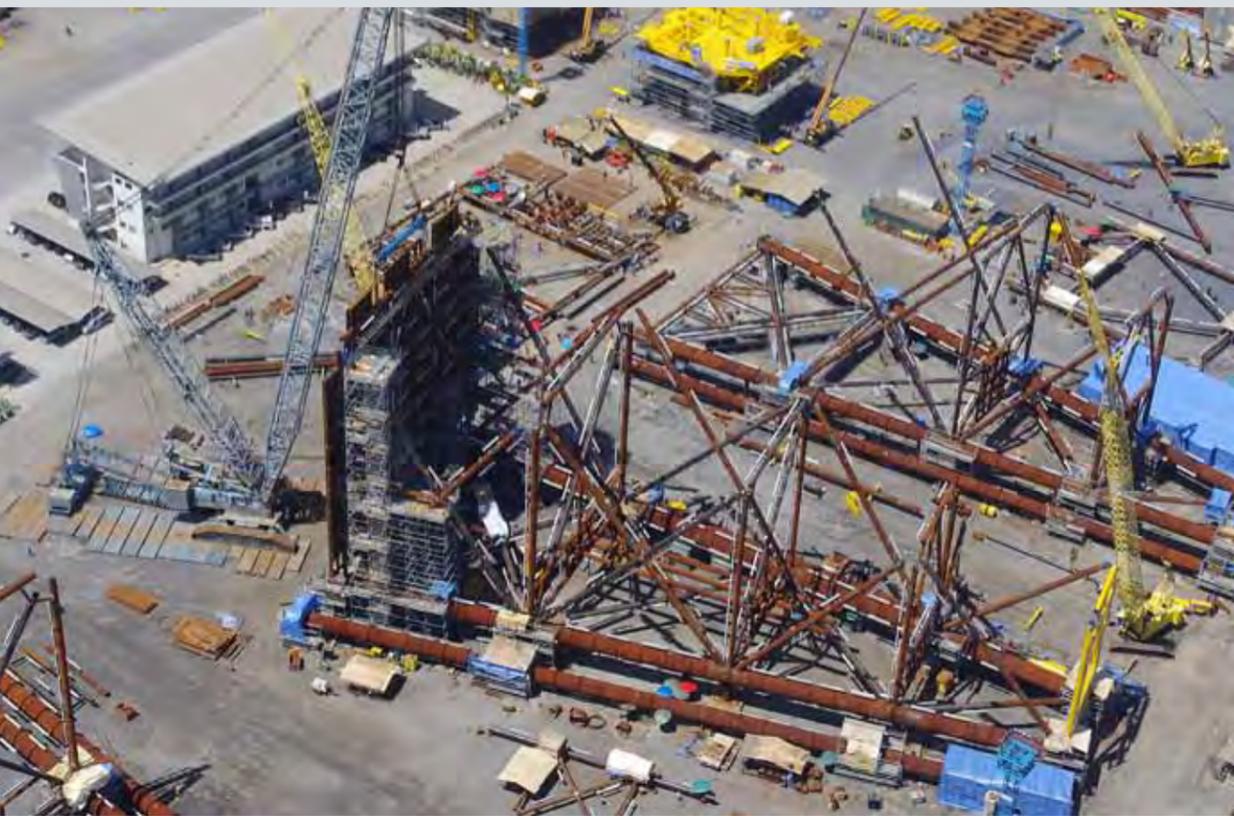
LOCATION LAEM CHABANG - THAILAND

EQUIPMENT USED LR1800

A FIRST FOR THAILAND!

Three mud flaps (part of 3 rigs) were installed at various locations in the rig yard of CUJEL. The final lifting weight was 500t for which Sarens Thailand used an LR1800 with super lift and 2 x 280t tailing cranes (Sumitomo). The job was completed on time and without any problems much to the satisfaction of the customer.

This is the first project (in this kind of activities) awarded to Sarens Thailand and we are looking forward to many more in the future.





LOCATION ROTTERDAM MAASVLAKTE
THE NETHERLANDS

EQUIPMENT USED AC500-2; AC700; AC650;
2 x 6 axle lines SPMT's

ASSEMBLY OF A COAL EXCAVATOR

Sarens was commissioned to unload, transport and assemble all pieces of an excavator. The AC500-2 and AC700 cranes were used to unload the largest piece of 164t onto SPMT's.

Other parts weighed between 23 and 107t. Unloading of the ship and transport over 1,5 km to the site took Sarens only 3 days to complete.

A few days later all parts were assembled on the wheel sets that were previously placed on rails.



LOCATION KAMPEN – THE NETHERLANDS

EQUIPMENT USED CC2800; LTM 1400; pontoons (Hebo)

ASSEMBLY OF THE FIRST ENERGY-NEUTRAL BRIDGE

Sarens Nederland executed the assembly of the new Ramspolbrug at the N50 over Rampsdiep. The old bridge will be replaced by a higher and wider bridge, which will be the first zero-energy bridge in the world. All energy will be gathered from solar cells and the energy released by the moveable roadway when the bridge is closing.

The precast concrete girders, 210 in total, are about 50m long and weigh an average of 150t each.

They were shipped by barge to the construction site, where Sarens lifted them with a 400t mobile crane afloat on a barge and a 600t CC2800 positioned ashore.

After erection of the girders, filling with concrete and tensioning was performed.

The bridge will be open for traffic in 2013.



SARENS AT WORK IN THE CITY CENTRE



LOCATION CEPOY - FRANCE

EQUIPMENT USED 2 x 6 axle lines SPMT's; roro ramps of 23m

A concrete bridge of 220t (18 x 8m) over a canal in the city centre of Cepoy needed renewal. The old bridge was removed and transported to a demolition area and a new steel bridge was transported from the construction area located at 500m from the site. In this particular case RoRo ramps of 23m were used so that the SPMT's loaded with the bridge parts could cross the canal.



nothing too heavy, nothing too high



LOCATION
EQUIPMENT USED

SALAMANCA - MEXICO
CC2800; LR1400

TWICE IS A CHARM

Sarens lifted a column in the Pemex refinery of Salamanca and the same job will be performed later in Tula.

The end of this project will be in the middle of 2012, when two other columns will be lifted using cranes and towers.



WSV : JOINT VENTURE STANDS FOR WILBERT SARENS VERMIETUNG

Fleet WSV

9 x WT 2405 L
4 x WK 60140 B

Total Concept.

Sarens approach

- Mix with crawler cranes
- Range from 150 to 2.400 ton / meter
- Jib lengths up to 78m + 5m runner
- Strongest of its type in Europe
- To rent with or without operator on "bare lease" conditions
- Self Climbing Tower Cranes
- Engineering of concept.



LIFTING, SKIDDING AND POSITIONING OF GENERATORS



LOCATION
EQUIPMENT USED

Bachaquero - Venezuela
Sarlift 2500; Sarskid

Turbine generators of the new Bachaquero power plant have been installed on their foundations with our in-house developed system Sarlift 2500. The components had weights up to 250t.



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