

Do you want to know more about the Sarens Group and projects Worldwide?
Please read our Heavyweight News n° 9.



Heavyweight News

from Sarens

Half-yearly newsletter • Issue 9 • October 2007 • www.sarens.com

Dear reader,

Thanks to the continuous efforts of all its collaborators, Sarens is growing internally and externally.

Since the last Heavyweight News, we entered the Norwegian crane rental market thanks to Sarens Kranservice in Kristiansund. Furthermore, we took over the crane rental activity of Riwal in the Netherlands. We are glad to welcome these new colleagues in our family.

I would like to congratulate once again Bev Bentley and his whole team for 10 years Sarens UK.

I am convinced that the period ahead of us, will be a very exciting one for Sarens.



Carl Van den Eynde
CEO

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Ain't no mountain high enough [top]



Client : Poma / Leitner
Location : Valmeinier, Saint - Sorlain, Savoie – France
Equipment used : Sarskid, Climbing system

For a moment, we wondered whether to put our equipment in a ski-outfit, but for safety reasons we eventually performed the job without the aprèsski. The landscape was splendid, but there appeared to be a quality problem with the concrete foundations of this alpine ski-lifts, even though they were barely 3 years old. To avoid a total dismantling, the ski-lifts were lifted and temporarily relocated while the concrete foundations were being replaced. With a new concrete base, the ski-lift could be railed back to its former location.



Pont sur la Garonne [\[top\]](#)



Client : Eiffel
Location : Bordeaux - France
Equipment : Barges – SPMT's - Strand Jacks

The bridge is a new railway bridge over the river 'Garonne' for the TGV between Bordeaux and Paris. Main challenge here was the passage of the 'Pont de Pierre' which could only be passed during the very limited tide of the river 'Garonne'. 2nd main challenge was the lifting and positioning of the 500 t main girders on the piers. For this operation Sarens designed a special derrick, equipped with Strand Jacks on the Barge 'Louis'. After lifting the girder, the derrick rotated 90°, the barge was moved forward and the girder was set down on the piers.



Connecting land, connecting people [\[top\]](#)



Client : Victor Buyck Steel Construction
Location : Willebroek - Belgium
Equipment used : Barges Jozef & Rosa; Climbing system Winches

After almost a century of duty, the boulevard bridge over the canal connecting Brussels with the river Scheldt, had earned its retirement. In June 2007 a new bridge was loaded on a barge stationed a few kilometres from the site for the installation of the bows. The fully assembled bridge was jacked up over 10 m on the barges, navigated to the installation site and then positioned between



Combined forces in Norway [\[top\]](#)



Client : Statoil / Nexans
Location : Orkanger - Norway
Equipment used : LR 1400; SPMT's

Sarens recently finished the first "fully Norwegian" combined project, a cooperation of Sarens Transrig and Sarens Kranservice. We had to unload a 167 t cable reel for Statoil / Nexans from the ship and after that, we transported it to Technip's pipe-yard in Orkanger (close to Trondheim) by means of an LR1400/2 and 12 Kamag axle lines. Because it is our major goal, we can easily use the phrase: as usual, the operation was carried out safely and successfully.



Pernis: the final touch [\[top\]](#)



Client : Fabricom
Location : Pernis (near Rotterdam), The Netherlands
Equipment used : AC 700; AC 650; SPMT's; TC 3200

Sarens has participated in the construction of a new power plant for Fabricom on the Shell site in Pernis. A major part of the assignment was the installation of 24 modules, each weighing 142.5 t. The last module was transported to Pernis by barge and unloaded with an AC 700 and an AC 650.

The module was transported to the site on a 10 axle line Goldhofer trailer and lifted with a TC 3200. To get the module above its final destination, the main boom of the TC 3200 had to be turned 20 cm away of the scaffolding. That is what they call, a critical lift!



Fasten your Seatbelts! [\[top\]](#)



Client : Doppelmayer
Location : Walibi - Wavre, Belgium
Equipment used : hydraulic cranes

SARENS has performed all the crane work for the installation of a new attraction, named the Vertigo, in the WALIBI amusement park. We have used different hydraulic cranes from 50 t to 250 t, to install the five piles and the central elevation tower. In this attraction, four passengers per unit roll over a hanging steel tube with a total length of 900 m, with a height varying from 15 m to 60 m and at a maximum speed of 70 km/h. Because the steel tube is not completely fixed and bends along with the unit, passengers will have the feeling of flying. Feeling free with your head high up in the sky, only Sarens can provide such 'vertigo'!



Tower lifting of a C2-Splitter [\[top\]](#)



Client : Descon
Location : Ras-Laffan, Qatar
Equipment used : Sartower; CC 2600; CC 1800

On the 23rd of March 2007, SARENS' Special Project Department lifted the C2-Splitter, the OLEFINS project's "piece de resistance". Our own SARTOWER system, for this project equipped with two towers with a height of 95 m, lifted the giant of 730 t. The tailing operations as well as lifting other heavy equipment were performed by our local crawler cranes CC 2600 and CC 1800, which are a part of the Sarens Nass Middle East fleet.



Blowing in the wind ... [\[top\]](#)



Client : Gamesa
Location : Port of Boston - Peterborough, UK
Equipment used : LTM 1500; LTM 1800; AC 100

Sarens UK was contracted to supply a Liebherr LTM 1800 and a Demag AC 100 telescopic crane to erect three Gamesa wind turbines at the Ranson Moor Wind farm near Peterborough. The towers had a height of 65 m and the nacelles weighed 75 t. Earlier at the Port of Boston, Sarens UK also assisted with the offloading of the wind turbine parts from a coaster to transport, using an LTM 1500.



Sarens UK for Sarens Asia in action [\[top\]](#)



Client: SKEC & GS E&C. for ATC-II
Location: MapTaPhut - Thailand
Equipment: PC 9600; CC 2600

For the positioning of this Xylene column (weight: 721 t) Sarens UK used a PC-9600 pedestal crane and a 500 t capacity crawler crane of Sarens Asia. The PC 9600 (biggest crane in the Sarens fleet) made a stopover in Thailand, before heading for works in a Nuclear Power station in Finland.



And more from Thailand ... [\[top\]](#)

Client: Bechtel
Location: Lam Cha Bang TOC
Equipment: CC-2600 / SPMT



For this project in Lam Cha Bang Sarens Asia's CC 2600 and a tailing frame on SPMT were used to lift a column in an extremely limited space in a live plant.
Not without pride, we can add that the tailing frame was codesigned and manufactured by the Sarens Asia project and engineering department.



Projects in Algeria [\[top\]](#)



Client: Brown Root & Condor /
Preslog
Location: Oran
Equipment: CC 2000 ; AC 80 ; KMK
5110 ; RTF 40

For the construction of the local direction branch of SONATRACH in Oran, we used several cranes. The CC 2000 has been used during the construction of the tour dome.



Projects in Algeria [\[top\]](#)



Client: Orascom
Location: El Hamma
Equipment: CC 2000

Orascom is in charge of the construction of a production unit for cement industry.
Sarens CC 2000 is currently operational on this project.



New monuments of Egypt [\[top\]](#)



Client: DSD Ferrometalco Egypt
Location: Zafarana
Equipment: LR1160

Since June 2007, one of the LR1160 crawler cranes of "Sarens Nederland" is operational in the Zafarana Wind Park, next to the Red Sea. Sarens received the order to install 80 windturbines types G52.
This project is a part of the ambitious Egyptian plan to set up 750 MW wind power over the next five years.



New monuments of Egypt [\[top\]](#)



Location: Sokhna Port Suez Industrial
Area - Orascom site
Equipment: CC6800

After leaving the TEREX-DEMAG workshop in Germany, our second CC6800 crawler crane has been sent to Egypt to work on the Ammonia Fertilizer Project. Equipment with a weight varying from 50 to 500 T will be installed.



New monuments of Egypt [\[top\]](#)



Client: Alstom Egypt
Location: Abu Qir Power Plant
Alexandria
Equipment: SARENS Hydraulic
lifting system 4 x 100 T

ALSTOM Egypt has been awarded the contract to rewind 4 Generator Stators in the Abu Qir Power Plant. For this project, SARENS' Special Project Department has already lifted 2 of the 4 Stators (150 t each) by means of our special hydraulic lifting gear with 4 hydraulic jacks of 100 t capacity each. The other 2 stators will be lifted soon.



Double safety precautions [\[top\]](#)



Client : Radbud - Bis
Location : Warsaw – Poland
Equipment : LTM 1500; AC 300

The dismantling of a lifting beam in the Kaweczyn power plant with a total weight of 190 t was not an easy assignment because there were no weight-data available. To ensure a successful outcome, we therefore doubled the safety-factor for the crane capacity and based ourselves on presumable weight calculations. And in the end, everything turned out to be all right!



Back to school [\[top\]](#)



Client : L & M Keating Ltd
 Location : Shannon, Ireland
 Equipment : SPMT's

This project was about the transport of the 6 span Limerick University Living Bridge. Every span was 45 m by 7,5 m and weighed 100 t. We used two four axle SPMT's, each fitted with turntables. A temporary bridge had to be constructed across the river and alongside the proposed new bridge position so the trailers could drive the new spans across.



Caressing the clouds [\[top\]](#)



Client : Airbus
 Location : Toulouse - France
 Equipment used : SPMT's

After being used for various tests, this prototype of the Airbus A380 needed to be evacuated from the test site. This 300 t giant was jacked up and set on Self Propelled Trailers. Then it began at its only journey ever, a nightly drive of 5 km lasting more than 6 hours across the airport of Toulouse.



'Claustrophobia' down under [\[top\]](#)



Client : Alcan
 Location : Gove, Australia
 Equipment used : LTM 1800

Sarens Australia lifted filters for Alcan, each weighing 45 t. A challenge for the engineering department of Sarens' partner in Australia, Universal Cranes.

This company, with its headquarters in Brisbane, operates approximately 200 cranes in Australia and New Zealand, which is the largest privately owned crane rental fleet in the region.

The down-under-wonder-boys came up with a solution, using a Liebherr 800 t telescopic crane with the smallest luffing jib possible, telescopic boom extension and swinging gear in order to avoid a pipe rack at a distance of no more than 5 cm!

Before rigging up the crane in the live factory, a dry run was simulated in the yard at Brisbane under supervision of Alcan's safety engineers.



Sarens entering the Norwegian crane rental market [\[top\]](#)



Client: Alstom Egypt
 Location: Abu Qir Power Plant Alexandria
 Equipment: SARENS Hydraulic lifting system 4 x 100 T

The Sarens family is only getting bigger and bigger! Sarens purchased the majority of the shares in Kristiansund Kranservice AS, and baptized the new member of the family 'Sarens Kranservice'. Sarens can now offer complete set of services in Norway, whereas before, we were merely focusing on the larger project activities through Sarens Transrig AS.

Sarens Kranservice, with its headquarters in Kristiansund, has a fleet of 11 cranes with a capacity up to 400 t.

Inquiries can be forwarded to Chairman of the board Helge Kvalvik (+47 97 97 97 72) or the new General Manager Lorentz Boxaspen



(+47 41646389)

An LR1350 lifting an offshore pedestal crane for MPS in Molde, Norway.



Naming CC 6800 "Philo" [\[top\]](#)



Client : BASF
Location : Antwerp, Belgium
Equipment used : CC 8800; CC 6800; LR 1350; SPMT's

Sarens is responsible for all the heavy transport and installation works, fitting in the large investment wave covering BASF Antwerp HP, PO, SALPETER 5 and STEAMCRACKER plant. With the above equipment we install 300 equipment items. In the beginning of the spring season, the Sarens and BASF work force and their family were invited for the Heavy Lift day for the "naming" of the first CC 6800 (1.250 t capacity) in the Sarens Fleet. The crane was named "Philo" after Philomene, sister of the founders Karel & Victor and aunt of today's Sarens board members.



Sarens UK : 10th anniversary [\[top\]](#)



On the 6th of May 2007 Sarens UK Ltd became 10 years of age. The brief history of Sarens UK started in 1997 when the Contracts Division of Grayston White and Sparrow were purchased by Sarens. This Division had 4 cranes : a 2000 t pedestal crane Demag PC 9600 (still the Flagship of Sarens Group), AK 680 (the workhorse), Demag TC 3200 and TC 2000 (the babies) and a work force of approx. 30 people.

Today Sarens UK operates 18 cranes, 12 of them over 200 T capacity and staff of over 55 people.

The 10 year Birthday was celebrated by having a party in the UK with clients, suppliers and colleagues. We thank them all.



Welcome to the Sarens-family [\[top\]](#)



We are proud to announce that Sarens Netherlands has taken over the crane activities of Riwal Dordrecht. The deal covers all staff, 30 young hydraulic cranes and of course their loyal clients. We also welcome the construction firm Van Geest Betontechniek, producer of concrete constructions based on tunnel formwork, into the Sarens Group.

Sarens Netherlands has now a fleet of 75 telescopic cranes up to 700 t capacity and a crawler fleet of 40 units up to 250 t with offices in Dordrecht, Amsterdam, Woerden, Rotterdam and Eindhoven. We take this opportunity in welcoming these highly professional and



skilled collaborators into the Sarens family and we are convinced that they will feel themselves at home. But there are not only newborns, after 17 years, general manager Martin Verzijl, passes on 'his command' to Rutger Kouwenhoven. Under his supervision, Sarens Netherlands has developed greatly. Thanks Martin!! Martin will contribute in another way to the development of the Sarens Group.



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