

## Steelcon in General Development / Future

Steelcon's vision "No 1 in chimneys" urges Steelcon to develop constantly for the benefit of especially Steelcon's customers and employees. At the same time, the globalization has meant that many of Steelcon's customers prefer that Steelcon's deliver our steel chimney solutions globally. The above mentioned are only a few reasons why Steelcon's shareholders have sold 51% of their shares to the Spanish/German Beroa Technology Group who are the largest company to deliver concrete chimney solutions globally. Being a part of this group, Steelcon has now the opportunity to connect themselves to the expert knowledge of the subsidiaries of the Beroa Group all over the world. This arrangement has given Steelcon an enhanced global presence from which we can expect continued growth.

As to the production innovation, the first order for large gas turbine steel stacks has now been placed with Steelcon. The diameter is 7.45 m and the height is 125 m. This order is to be delivered in 2010 and it has pushed on the development of a pre-fabricated steel chimney product that will be delivered in "shells" to be flanged together and mounted quickly on site. Steelcon envisage a large potential in future for this product, and Steelcon will optimize this product type as to designing and producing during the project progress of this order. Products which are very much alike the large gas turbine steel stacks are steel liner for Beroa's concrete chimneys which Steelcon – parallel with the development of large gas turbine steel stacks – develops for the Beroa Group and which also will be a new, greater Steelcon product area. Another new product for which Steelcon has in 2008 "bought" expertise to develop finally by ourselves is silencers for steel chimneys and ducting focusing especially

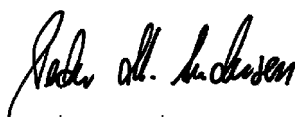
on silencers for gas turbine plants. Since Steelcon's product portfolio will then also include engineering and production of silencers, Steelcon is able to offer greater total solutions for the customers.

Steelcon has now started our 2nd generation software development of the static calculation program for steel stacks including a pricing program based on the production in our own factories as well as in license factories. This work is carried out in order to update Steelcon's existing software program completely including the new EN standards, new fabrication optimizing etc. too, and it means that Steelcon can provide our customers with the optimum quotations more quickly and precisely.

In order to provide our customers globally with our best prices, Steelcon have in 2008 entered cooperation with production partners in Central Europe, Australia, Middle East, Kazakhstan, and China. By thorough monitoring and supervision of production of the licensed producers, Steelcon secure the delivery of a Steelcon quality product to our customers globally – for the benefit of Steelcon's customers, staff, shareholders, etc.

In spite of the global financial crisis, Steelcon trust in the future where the above mentioned and also new initiatives in 2009 will guarantee the continued growth in innovation of the company Steelcon.

Best regards  
STEELCON



Peder M. Andersen  
Managing Director



# Steelcon

No. 1 in chimneys

Edited by Steelcon A/S.  
For our customers and  
business partners.  
Steelcon News is available in  
English, German and Danish on  
[www.steelcon.com](http://www.steelcon.com)

Published by: Lund&co

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Did you know that:  
Steelcon is Europe's largest supplier of  
factory made steel chimneys.

Did you know that:  
Steelcon supplies steel chimneys with  
heights from 20-140 m.

# Recent Projects

## Frankfurt Höchst Germany

Through a German customer, another large order was placed with Steelcon. This time it was for Frankfurt Höchst who is situated at Frankfurt am Main in Germany where the three steel chimneys each 80 m high were delivered for a new power plant. The diameter of the structural shells was 2750 mm whereas the steel inner liners had a diameter of 2500 mm.

As it appears from the photo, all three chimneys were painted in changing colors in order to match the appearance of the power plant. Furthermore all the chimneys had to be equipped with aircraft warning lights. The steel chimneys were delivered in 4 sections and transported to Frankfurt by lorry. The steel chimneys were erected by Steelcon's erectors.

Through another customer three more steel chimneys have just been erected; this means that Steelcon have now supplied the power plant with six steel chimneys.



## Gdansk Poland

In the autumn of 2008, Steelcon supplied an 80 m high steel chimney with structural-/liner diameters of 2600/1400 mm for a refinery in Poland.



Due to the very high design temperature of 800°C, a high temperature steel material was used for this project. This is the first time this type of steel material has been used for a chimney solution instead of refractory. Another two 80 m high steel chimneys were delivered at the same refinery in the autumn of 2008.

Steelcon has also delivered the required ducting for the refinery; all parts were transported by lorries to Poland. It was Steelcon's erectors who carried out the erection of the steel chimneys. Steelcon recognize the importance of working safely and typically refineries make heavy demands on safety. Steelcon made available our own project manager primarily for the coordination of the work on site.

## Lezienica Poland

In the autumn of 2008, Steelcon delivered two steel chimneys to a site close to Szczecin in Poland; the chimneys were 95 m and 20 m respectively. The final customer was the wind mill manufacturer LM Glasfiber who needed two steel chimneys for their wind mill factory in Poland. Both chimneys were designed for ventilation, and the large one was manufactured and delivered in 5 sections with diameters between 3350 mm and 2150 mm whereas the small 20 m steel chimney had a diameter of 1750 mm.



Steelcon's own three erectors from Slovakia installed the chimneys, and furthermore, the manager of Steelcon Polish office was present during the installation.



## Dabrowa Górnicza Poland

Type of factory:	Glass Wool factory
No. of Chimneys:	1
Chimney Height:	48 m
Shell diameter:	1750 mm
Liner diameter:	1500 mm (corten)

## Norrköping Sweden

Type of factory:	Industry
No. of Chimneys:	1
Chimney Height:	60 m
Shell diameter:	1750 mm
Liner diameter:	1500 mm (corten)

## Hustopecze Czech Republic

Type of factory:	Petfood
No. of Chimneys:	1
Chimney Height:	70 m
Shell diameter:	2600 mm
Liner diameter:	2300 mm (stainless)

## Collahuasi Chile

In the late summer of 2008, Steelcon once more reached new heights through a steel chimney supply! This time the delivery place was a special, high-lying site in Chile to which we delivered a 25 m steel chimney with a diameter of 4100 mm. The steel chimney was provided with four corten liners each with a diameter of 1400 mm and was to be used for 4 diesel engines that were mounted in the Chilean mountains at 4200 m above sea level. The diesel engines are used for the generating of power for a copper mine. The power is used during the work in the mountains.

The diesel engines were connected to a generator and further to a boiler from which the smoke was led out through the four Steelcon liners. In order to dampen the noise from the diesel engines, a silencer was mounted on the upper 11 m of each liner.



Another 25 m high steel chimney with a diameter of 3800 mm with two corten liners with a diameter of 1500 mm has just been delivered to the same site and mounted next to first-mentioned chimney. The chimney liners are connected to two other diesel engines and their function is the same as for the above mentioned steel chimney.

Both chimneys were shipped from Esbjerg via Bremen to Chile, and then they were transported by lorry up in the site at a height of 4200 m. – A difficult job – the top sections weighed more than 40 tons! The erection of the steel chimneys was carried out by the customer.



## Singapore Jurong Island

Type of factory:	Air Liquid
No. of Chimneys:	1
Chimney Height:	19,5
Shell diameter:	900 mm
Liner diameter:	700 mm (stainless)

## Orzesze Poland

Just before Christmas 2008 another Steelcon steel chimney of 65 m was erected in Poland; The chimney was provided with one corten liner with a diameter of 1650 mm. The order was suddenly placed with Steelcon in October 2008 and in the course of approximately 2 months, the project was finalized and the chimney delivered to a satisfied customer who benefitted from Steelcon's high level of flexibility.



The final customer was a factory manufacturing packaging and situated in Orzesze, Poland. They had a brick chimney which was demolished shortly after the Steelcon erectors had erected the new steel chimney. There was very little space for the erection and demolishing, however, Steelcon's erectors made a good job!

## ISO 9001 Certification

For many years, Steelcon has had a documented quality controlling system complying with the ISO 9001 requirements. It was decided that Steelcon should make the necessary preparations in the first half-year of 2009 with the purpose of being certified according to ISO 9001.

The certificate is not the target itself, however, the main target is that all the employees work according to the decided guidelines, and through this we meet our customers' expectations to the Steelcon product, and they will feel they work together with Steelcon too. This is really essential as Steelcon is aiming at being the leading steel chimney suppliers globally. The very process preparing the certification is a forward move for the whole organization; such a process always causes fruitful discussions among the employees concerning how to achieve the best

## Hobro Denmark

In the Spring of 2009 Steelcon has delivered to a protein factory in Hobro, Denmark, an 80 m high steel chimney with 3 inner liners mounted in the 2800 mm shell. The diameter of the liners were to be between 500 mm and 1250 mm, and due to the fact that they were to be used for both dry and moist flue gasses, the one was made of corten steel and the other two ones of stainless steel.



The Ø1250 mm liner made of stainless steel is used for wet flue gasses, and therefore it is provided with a condensate collector. The liner, however, which is used for very dry flue gasses is provided with a door through which it is possible to take out any dry waste. The two solutions are made in order to minimize the risk of corrosion. The chimneys were transported from Steelcon's factory in Esbjerg to Hobro where three Steelcon erectors installed the chimney in one day.

methods and through this the best results consequently resulting in superior products for Steelcon's customers. It has been really exciting to be involved in the process; in spite of the fact that you have formerly worked according to the ISO 9001 requirements, there are always details to be adjusted. The enthusiasm and motivation from the staff has been amazing to experience. Steelcon has chosen Dan-cert A/S from the Dansk Teknologisk Institut as the certification organ, and Steelcon will achieve the ISO 9001 certification during the summer 2009. After having achieved the certification, we will then get new challenges which means new initiatives must be taken in order to make the correcting and preventative actions. Steelcon is well prepared as we have already for many years included such initiatives in our working day in order to improve ourselves further.

## Staff News



### Vestkystløb 2009 Run in Esbjerg

On Sunday June 14, 2009, approx. 40 Steelcon runners participated at this year's run, the "Vestkystløb", and a total of approx. 13,000 runners had signed up. As usual Steelcon were represented there with a stand where not only the runners, but their families and the employees that did not participate at the Vestkystløb, could get a drink and some delicious barbecue food, as can be seen from the photos. Luckily our tent was not needed as the weather was rather good after a rainy Sunday morning and thus was suitable for the Vestkystløb.



### Golf arrangement for the staff

On a very stormy Friday afternoon in June after the working day, a golf match at the Breinholtgård Golf Club was arranged.

31 employees (both golfers and non-golfers) participated at the "overwork". Instructions were given by some pro-golfers from the Club who taught us some tricks about how to swing the irons and the clubs etc. Many of us tried to make some good attempts resulting in many holes in the lawn of the driving range! 7 teams were then sent out on the pitch and putt course where points and number of swings were counted – and laughter was heard through-out all the 9 holes that were played! After 4 hours of golfing – or rather attempts – a delicious buffet and drinks were served at the Golf Club Restaurant.

The positions were revealed and the rewards were given to the best golfers from the two groups: golfers and non-golfers. The 3 golfers were: Peder M. Andersen, Gitte Hansen and Marian Knudsen, whereas the non-golfers were Mette M. Andersen, Jan Havsager and Jens Peder Andersen.



### New premises in our factory

In the winter and spring 2008, new premises were built at Steelcon's headquarter in Esbjerg. An extension to our large workshop for new locker rooms and shower facilities as well as a canteen for the employees of the factory was needed. Furthermore, there is now a room at the second floor where all the Steelcon staff can meet for information meetings, internal social gatherings such as celebrations before Christmas, jubilees, and other receptions, as well as another conference room for meetings with the customers, suppliers etc.



### Södertälje Sweden

In December 2008, Steelcon delivered a 110 m high steel chimney with a corten shell with a diameter of 3400 mm, and a stainless steel liner with a diameter of 3000 mm for a large power plant in Södertälje. The power plant is situated south of Stockholm. A part of the chimney solution for the power plant was a special ladder with a back support and it was clad from ladder bottom to ladder top. The steel chimney was delivered in six sections and transported to site by lorry; three of Steelcon's own erectors installed the steel chimney in one week.



### Kazakhstan

In 2004, Steelcon have delivered a 120 m high steel chimney for an oil refinery in Kazakhstan, and due to an explosion in the boiler, the customer needed last year a new duct from Steelcon. The duct had to be delivered very quickly as the oil refinery was now out of operation and would be until the flue gas duct was replaced. The customer therefore chose to let the duct be transported by plane from Billund airport to Kazakhstan which is a very unusual way to transport such items. The airplane was nothing less than the world's largest air freighter, the Russian Antonov 225, and the customer had to pay more than 2 mill. DKK for the air transport!



### Leinster Australia

In spite of the distance to Western Australia from our factory in Esbjerg, Steelcon was again able to compete; a steel chimney produced in our main factory in Esbjerg was shipped to Oceania. In the autumn of 2008, Steelcon delivered the 50 m high steel chimney there, and it had a shell diameter of 2200 mm and a stainless liner with a diameter of 1950 mm. The steel chimney was to be used in a mining district situated in the Australian bush 800 km east of Perth. When the chimney arrived by ship to Perth it was loaded on to a lorry and transported the last 800 km to site where under the supervision of one of Steelcon's employees it was erected by the customer's own staff within two weeks.

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