



fibo intercon

Sochi Winter Olympic was built with a Fibo Intercon Batching plant

Fibo concrete batching plants are designed and built to a very high standard.

Our machines are designed to last more than fifteen years – this insures a very high return on your investment.

A Fibo batching plant has a dosing accuracy of $\pm 3\%$ for standard machines and $\pm 1\%$ for our pre-weighing machines. We can deliver high-quality concrete to BS 8500 and EN 206.

For the Winter Olympics 2014 in the Adler Area of Sochi Region, in the Immeretin Lowlands of Russia. A Olympic park area of 200 hectars was constructed in the years 2011-2013.

Over 100.000 m³ of concrete was required to build the olympic park and sport venues.

The transport infrastructure prepared to support the Olympics included twelve tunnels, forty-six bridges, thirty-one miles of road, 223 miles of railroads and stations in ans around Sochi, forty-two hotels, four sports venues and two training areas

Among others at Sochi International Airport, a new terminal was built along a 3,5 km runway extension, overlapping the Mzymta River.



The concrete specification for this large project was to BS EN 206. The European standard applies to concrete for structures cast in situ, precast structures, and structural precast products for buildings and civil engineering structures.

BS EN 206 concrete must be capable of working for up to and over 100 years.



**Henrik Jeppesen CEO
Fibo Intercon**



The complexity of the construction was determined by Sochi's location in the mountains, where it was hardly possible to deliver concrete, due to the high rise.

The high rise made it impossible to place a modular or a stationary concrete plant on the remote mountain areas, due to the compact location, the inaccessibility of preparing the foundation and the difficulties in transporting oversize parts.

And the mixer trucks, could not be filled properly if they had to climb the high mountains, which meant a higher cost price for transportation. And because of traffic problems often blocking the mountain roads the concrete would often had begun to solidify at the time of delivery. This is because as soon as water is added to the mix, the cement begins the process of hydration and will begin to set within a time limit.

High Quality - Low Cost Concrete



Learn how to manufacture high quality low input cost concrete.

Text +45 30 80 90 35 and request a copy or download from



The only option for the construction was a use of Fibo Intercons mobile batching plant M2200. No Other plant would be possible to locate on that area in the mountains due to limited size and foundation possibilities. The plant was placed on the site at 1100-1200 m. height and helped to successfully complete the construction in time.

The main contractor selected a Fibo Intercon batching plant for the fact that it requires no foundation and for its setup speed and flexibility. The plant was moved several times to improve productivity and logistics during the construction of the project.

The plant capacity was 45 m³/hr delivering 450m³ per day during some construction shifts.

Fibo Intercon - We reduce your construction time!

"With a Fibo Intercon batching plants you will remain independent from concrete work There will be no waiting time and no risk of failure in delivery. You can produce concrete wherever and whenever needed."



Rick Van Boeijen
Sales Director
Fibo Intercon



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Cost saving for onsite production with M2200

Fibo Intercon concrete batching plant **M2200**, can produce 45 m³/hr, and have a daily output of 360 m³.

Buying ready mix concrete cost €115 pr. m³, - meaning 360 m³ cost €41.400

Using the M2200 with the same mix onsite only cost €83 pr m³, - meaning 360 m³ cost €29.880

Your SAVINGS is €11.520 for a single day!



Vincent Markov
Sales Director
Fibo Intercon, RU

M2200 Concrete Batching Plant



Machine History

Model: M2200
Purchased 2009

Quantity of concrete produced to date: 324,000m³
Total savings made to date: **€8,100,000**

Fibo Intercon - Your partner in concrete solutions

One of the most effective ways to reduce concrete cost is to manufacture your concrete on site, with today's technology, this is very easy to do.

And with our machines the price difference between ready-mix and onsite batching is around €32 m³. That's €3.200 for every 100 m³ or €32.000 for every 1.000 m³.

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fibo intercon

*Your Partner in
Concrete Solutions*

High Quality Concrete Batching plants

Fibo Intercon supply a large range of high quality concrete batching plant with a dosing accuracy of +-3% for standard machines and +-1% for our pre-weighing machines.

Below you can see a small selection of our standard machines, there can be set up and ready to go within two hours.



Mini VIKING - Semi-mobile Concrete Batching Plant

Mini Viking is the ideal solution for small and medium-sized construction projects

It has a capacity of 4-5 M³/h.



B1200

B1200 is a compact, mobile batching plant assembled on a joint twin-axle bogie trailer.

It has a capacity between 10-16 M³/h.



M2200

M2200 is a mobile batching plant assembled on a joint triple-axle bogie trailer with turn able front axle.

It has a capacity between 25-45 M³/h.



T2200

T2200 is a mobile batching plant assembled on a common twin-axle step frame semi trailer.

It has a capacity between 25-60 M³/h.



Horizontal & Vertical Silos

Fibo intercon supplies big bag silos as well as vertical and horizontal cement silos.

We can supply standard and customised solutions.