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BLUE-MAR

fibo intercon

B1200 CC (certified concrete)

Accuracy, Higher Capacity, Optimized Batching Speed



Your partner in concrete solutions



DELCO
EQUIPMENT

Your competitive solution for certified concrete



Innovation is the key to better concrete

fibro intercon's recently developed mobile batching plant model is the best available solution on the market, in regards to high flexibility and accuracy, higher capacity in comparison to its previous versions with a pre-weighing concrete system and faster loading of aggregates, higher performance and efficiency at optimized batching speed.

The flexibility offers the possibility to start producing concrete just a few hours after the batching plant is mounted and connected to electrical power, water and any other equipment at the building site. All you have to do is fill the hoppers with the required quantities of sand and

gravel, the silo with cement and add the necessary additives for the proper concrete recipe. As soon as the job is done and as easy as that, you can just move the plant to the next construction site. The plant may be pulled by a tractor or similar pulling device at a speed of 30 km/hour, or it may be transported by lorry.

The model is equipped with a powerful pan mixer in hard-wearing Hardox steel. The pan mixer is equipped with adjustable mixing arms with robust mixing shovels and side scrapers. This ensures a uniform concrete quality and the shortest possible cycle time. A lower speed

can be set to keep a homogeneous concrete batching over a longer period of time. A high accuracy and quality is also ensured by the integrated control system, which controls and monitors all processes and connected equipment, e.g. a belt conveyor and/or cement silos.

The B1200 CC (certified concrete) is a profitable investment which will, in a very short period of time, pay for itself and return on a profit. All wearing parts are produced in robust materials and can be replaced separately, which minimizes the operating costs. There is available access to all of the plant functions, facilitating daily cleaning, maintenance and service.

Options and equipment

Our B1200 CC model can be delivered with a wide range of options, including enlarged silo sides for the hopper, integrated hopper for one type of aggregate, additional hopper for aggregates, pre-weighing of cement, additive pump, water heater, air compressor, vibrators, toolbox and remote

control. The batching plants may also be combined with equipment such as belt conveyors, cement silos, big bag silos and cement augers (this equipment is described in separate data sheets).

Technical specifications - Model B1200 CC, for certified concrete:

Volume (gross/net)	Capacity	Mixer Motor	Mixing arms/side scrapers
1200/800 L	12-18 M ³ /hour	15 kW	6/1 pcs
Aggregate hoppers	Water tank	Dimensions (W x H x L)	Weight
2 x 2.4 M ³	250 L	2.5 x 2.4 x 5.7 M	3900 kg

1 Bogie trailer

The batching plant is installed on a joint twin-axle bogie in a welded steel frame. The draw hook is adjustable in height and can be dismantled, which helps to prevent undesired transportation / theft.

3 Hopper

Integrated twin hopper for two types of aggregate. Each hopper holds 2 x 2.4 M³. Made in all-welded steel plate with reinforced corners. Two separate feed belts for dosing of aggregates.

5 Frequency control

The frequency control of the conveyor belt and auger ensures an accurate dosing of the batching plant, in compliance with the requirements specified by the concrete standards (EN 206-1 in EU / CSA in Canada).

2 Pan mixer

Made in hard-wearing Hardox steel. Equipped with a gear motor for optimised effect, automatic radial opening, inlet for cement auger and inspection hatches.

4 Pre-weighing of cement

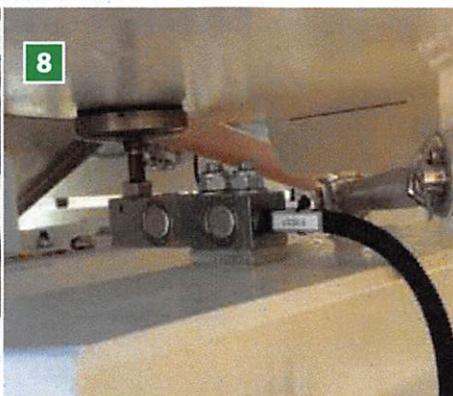
The pre-weighing of cement ensures high accuracy, according to the concrete standards, determining the right amount of concrete to be added to the pan mixer.

6 Cement inlet

Cement inlet can be supplied to the batching plant either directly from a cement auger, ensuring a smooth connection between the auger/silo and the pan mixer.



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7 Mixing arms and side scrapers

Adjustable mixing arms and side scrapers in steel and hard PVC. Equipped with safety bolts to prevent large stones from seriously damaging the mixing arms.

8 Load cells

The pan mixer is placed on three electronic load cells with an accuracy of less than +/- 0.5%.

6 Control system

Possibility of manual, semi-automatic and automatic operation and PC interface. No previous knowledge required and can be delivered with the language version desired. Stores 60 recipes. Dosing accuracy: +/- 0,5-2%.



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10 Flow meters

The flow meters for water and additives fulfill the requirements related to accuracy specified by the concrete standards and the closing valve on the water tank prevent leakage.

11 Equipment

The B1200 CC model is delivered with high-pressure cleaner, while additive pump and air compressor are optional.

12 Plug boxes

The batching plant is equipped with customized plug boxes for connection of accessories and equipment, e.g. hand tools, cement silo and/or belt conveyor.

Present all over the world

Over the years we have been developing and delivering quality solutions to customers all over the world. The products delivered have ranged from standard batching plants to unique customised solutions, and our batching plants have been used for both small and large-scale building projects.

fibro intercon strives to provide quick and competent service. We are therefore continuously developing our own representative network in several countries, and our service technicians are ready to help you with the installation and servicing of your batching plants on site and with the training of your employees.

Toronto, Canada

The first B1200 CC mobile concrete batching plant has been delivered to our Canadian partners, Delcor Equipment, inaugurating the entrance of fibro intercon on the North American market.



Baghdad, Iraq

A B1200 batching plant working on the reconstruction of the Iraqi parliament building. Thanks to its flexibility and mobility, the plant is able to fit into narrow places.



Flexibility and productivity

Many years' experience has made fibro intercon a leading supplier to the global concrete industry.

We manufacture and deliver mobile, semi-mobile and stationary concrete batching plants as well as production equipment and complete concrete systems. We only use state of the art technologies and methods to ensure our customers the best quality, efficiency and reliability on a long-term.

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