

fibo intercon

Semi-mobile concrete batching plant
on a hook container frame



Your partner in concrete solutions



A compact solution providing reliability and great economy



Combines flexibility, performance and profit

With a semi-mobile batching plant, it is possible to produce concrete at the same place over a longer period and then move on to new jobs. The robust container frame is equipped with a draw hook, which allows the batching plant to be pulled on to a lorry with a hook hoist. Alternatively, it can be lifted on to a lorry with a crane.

The batching plants require no poured foundation and they can be placed on any even surface. You can start

producing concrete within a few hours after the batching plant is erected. All you have to do is connect electricity, water and any other equipment, and fill sand and gravel in the hoppers.

The powerful pan mixer is equipped with adjustable mixing arms with robust mixing shovels and side scrapers, providing a short cycle time and a high, uniform concrete quality. A high 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.

A hook container model is a profitable investment which will soon pay for itself and return a profit. All wearing parts are produced in robust materials and can be replaced separately, which minimises operating costs. There is free access to all of the plant functions, facilitating daily cleaning, maintenance and service.

Options and equipment

Our hook container models 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, water pump, water heater, additive pump,

air compressor, high-pressure cleaner, vibrators 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).

We offer three concrete batching plants on a hook container frame:

Model		C1200	C1800	C2200
Volume (gross/net)	L	1200/800	1800/1200	2200/1500
Capacity	M ³ /hour	10-16	25-30	25-45
Motor	kW	15	30	55
Mixing arms/side scrapers	pcs	6 / 1	6 / 1	8 / 1
Aggregate hoppers	pcs	2 x 2.4 M ³	2 x 2.4 M ³	2 x 2.4 M ³
Water tank	L	350	450	500
Dimensions (W x H x L)	M	2.5 x 2.4 x 5.7	2.5 x 2.5 x 5.9	2.58 x 2.65 x 6.0
Weight	kg	3900	4800	5200



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1 Hook container frame

The batching plants are mounted on a joint hook container frame in welded steel with covering. The draw hook can be dismantled, and thus helps to prevent theft.

2 Pan mixer

Made in hard-wearing Hardox steel. C1800 and C2200 have an internal lining of replaceable, sectioned wearing plates. Equipped with a gear motor for optimised effect, automatic radial opening, inlet for cement auger and inspection hatches.

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.

4 Discharge

Possibility of manual, semi-automatic and automatic discharge. Complete with overload protection and position sensor.

5 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.

6 Operating 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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7 Load cells

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

8 Flowmeter

Parallel dosing of water and aggregates for reduced cycle time and pan mixer wear and reduced energy consumption.

9 CE plug boxes

The batching plants are equipped with CE 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.

fibo intercon strives to provide quick and competent service. We have therefore developed our own representative network in several countries, and our service technicians are ready to go to your place and help you with the installation and servicing of your batching plants and with the training of your employees.

France

A C2200 batching plant with belt conveyor at a building site in northern France. The batching plant has been used, among other things, for several recycling projects.



Kabul, Afghanistan

C1200 batching plant with additional hopper for aggregates and belt conveyor. The batching plant is used for concrete production in the Afghan capital.



Flexibility and productivity

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

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

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