

# **fibo intercon**

## Mobile concrete batching plants on a bogie



Your partner in concrete solutions



# The obvious choice if your focus is on mobility and economy



## Well thought-out efficiency and cost-effectiveness

fibo intercon's mobile bogie models are compact, well thought-out solutions, designed to provide optimum flexibility, performance and operating efficiency.

You can start producing concrete just a few hours after the batching plant is installed at the building site. All you have to do is connect electricity, water and any other equipment, and fill sand and gravel in the hoppers. And when the job is done, just move the plant on to the next job. The plant may be pulled

by a tractor or a similar pulling device at a maximum speed of 30 km/hour, or it may be transported by lorry.

All our bogie models are 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 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 bogie 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

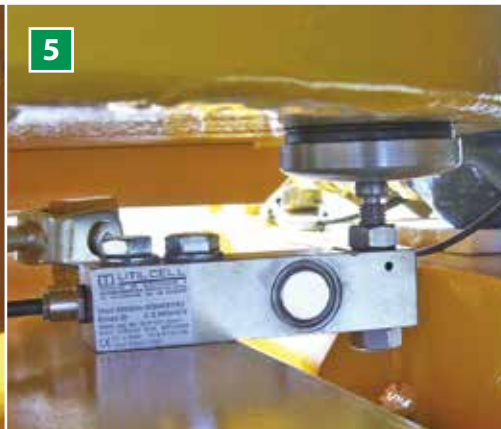
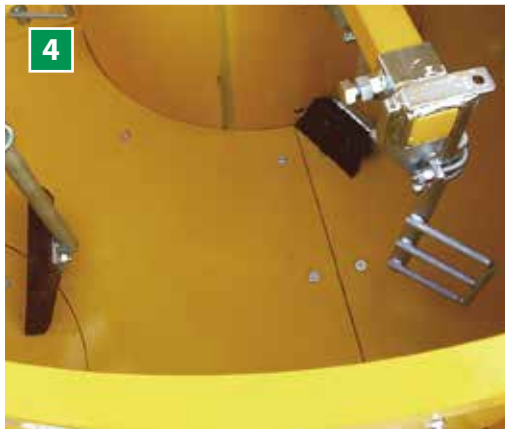
Our bogie models can be delivered with a wide range of options, including enlarged silo sides for the hopper, integrated hopper for one type of aggregate, additional hopper for aggregates, pre-weighing of cement, additive pump, water heater, air compressor, vibrators, toolbox

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).



## We offer three mobile concrete batching plants on a bogie:

Model		B1200	B1800	B2200
Volume (gross/net)	L	1200/800	1800/1200	2200/1500
Capacity	M <sup>3</sup> /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 <sup>3</sup>	2 x 2.4 M <sup>3</sup>	2 x 2.4 M <sup>3</sup>
Water tank	L	250	400	400
Dimensions (W x H x L)	M	2.5 x 2.4 x 5.7	2.5 x 2.5 x 5.9	2.5 x 2.5 x 6.0
Weight	kg	3900	4400	4800



### 1 Bogie trailer

The batching plants are 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 theft.

### 2 Pan mixer

Made in hard-wearing Hardox steel. B1800 and B2200 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 M<sup>3</sup>. Made in all-welded steel plate with reinforced corners. Two separate feed belts for dosing of aggregates.

### 4 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.

### 5 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%.



### 7 Flow meter

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

### 8 Equipment

Standard bogie models are delivered with high-pressure cleaner, while additive pump and air compressor are optional.

### 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.

### 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.



### Amager Strandpark, Copenhagen, Denmark

Production of concrete for a completely new beach area just outside the Danish capital. The work included the construction of an artificial island with three bridges, a port and a promenade.



## 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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### Representative:

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