

# **fibo intercon**

Mobile concrete batching plants  
M1800 and M2200



Your partner in concrete solutions



# An ideal solution when your focus is on capacity and economy



## An investment with great flexibility and capacity

These compact batching plants combine high capacity, quality, mobility and cost-efficiency. The standard capacity of the M1800 is 20-30 M<sup>3</sup>/hour and 25-45 M<sup>3</sup>/hour for the M2200. For production of stiff-mix concrete, an even higher capacity is possible.

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 integrat-

ed control system, which controls and monitors all processes and connected equipment, e.g. a belt conveyor and/or cement silos.

The batching plant is a highly flexible solution. It is easy to erect. All you have to do is connect electricity, water and any other equipment, and fill sand and gravel in the hoppers. It is also easy to move the plant between building projects, as it can be pulled by a tractor or a similar pulling device at a maximum speed of 30 km/hour. It is equipped with

hooks which makes it easy to transport on a lorry with a mega-trailer or a low-loader trailer.

M1800 and M2200 are profitable investments which will soon pay for themselves 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.

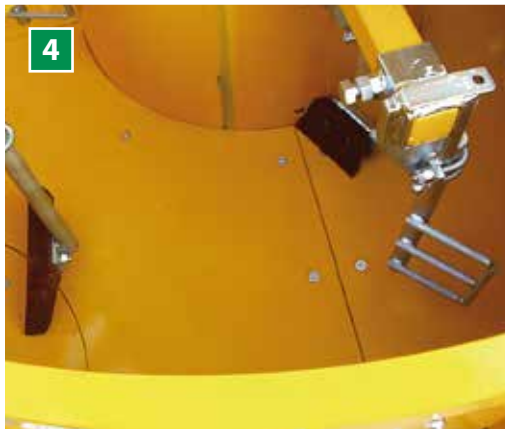
## Options and equipment

M1800 and M2200 can be delivered with a wide range of options, including enlarged silo sides for hoppers, integrated hopper for one type of aggregate, additional hopper for aggregates, pre-weighing of cement, additional water pump, water heater, additional additive pump,

air compressor, vibrators, toolbox and remote control. The plant 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 of M1800 and M2200:

Model		M1800	M2200
Volume (gross/net)	L	1800/1200	2200/1500
Capacity	M <sup>3</sup> /hour	20-30	25-45
Motor	kW	30	55
Mixing arms/side scrapers	pcs	6 / 1	8 / 1
Aggregate hoppers	pcs	4 x 2.4 M <sup>3</sup>	4 x 2.4 M <sup>3</sup>
Water tank	L	500	500
Dimensions (W x H x L)	M	2.50 x 2.65 x 8.8	2.58 x 2.65 x 9.0
Weight	kg	10,400	11,000



### 1 Bogie trailer

Joint triple-axle bogie in a welded steel frame with turn able front axle. The draw hook can be dismantled and thus helps to prevent theft. The trailer also has a parking brake.

### 2 Pan mixer

Pan mixer in steel with an internal lining of replaceable, sectioned wearing plates and Hardox steel-plate bottom and enclosure. Equipped with a gear motor for optimised effect, automatic radial opening, inlet for cement auger and inspection hatches.

### 3 Hoppers

Two integrated twin hoppers for 2 x 2 types of aggregate. Each hopper holds 2 x 2.4 M<sup>3</sup>. Made in all-welded steel plate with reinforced corners. 2 x 2 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 5000 kg electronic load cells with an accuracy of +/- 0.5%.

### 6 Operating system with thermal printer

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 Discharge

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

### 8 Flowmeter

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

### 9 Equipment

The standard M1800 and M2200 are delivered with additive pump and high-pressure cleaner, while the air compressor is optional.

## 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.

### Tressere, France

M2200 with belt conveyor. The batching plant was used for the construction of tunnels for the new railway connection between Perpignan and the Spanish town Figueras.



### Siberia, Russia

M2200 with belt conveyor and vertical cement silo. The batching plant mixes concrete for the oil and gas industry in Siberia.



## 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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