

MOBILE VOLUMETRIC CONCRETE MIXERS

THE MOST FLEXIBLE SYSTEM OF MIXING AND DISTRIBUTION OF CONCRETE.



ALPAM is a supplier of the most advanced technologies for the production of concrete. We specialize in mobile devices used for construction projects, where the production process is controlled by the actual need, and supply with fresh concrete must be done in the specified amount and time.

Through the MOVMI division, ALPAM officially represents Italian company Blend Plants – FBG S.r.l., that develops and manufactures mobile volumetric equipment for concrete production since 1983. We offer the E Series models adapted to operational and legislative requirements in local market.

BLEND mobile volumetric mixers bring to the construction sector new opportunities for concrete production. Thanks to the separate storage of raw materials, a single-person operation and the accurate mixing of the desired amount of the selected mix design in real time, they are the most flexible, the most versatile and also the most economical solution for your construction business. Our innovative technologies efficiently fulfill production requirements, improve product quality, increase profitability and bring independence from external suppliers.

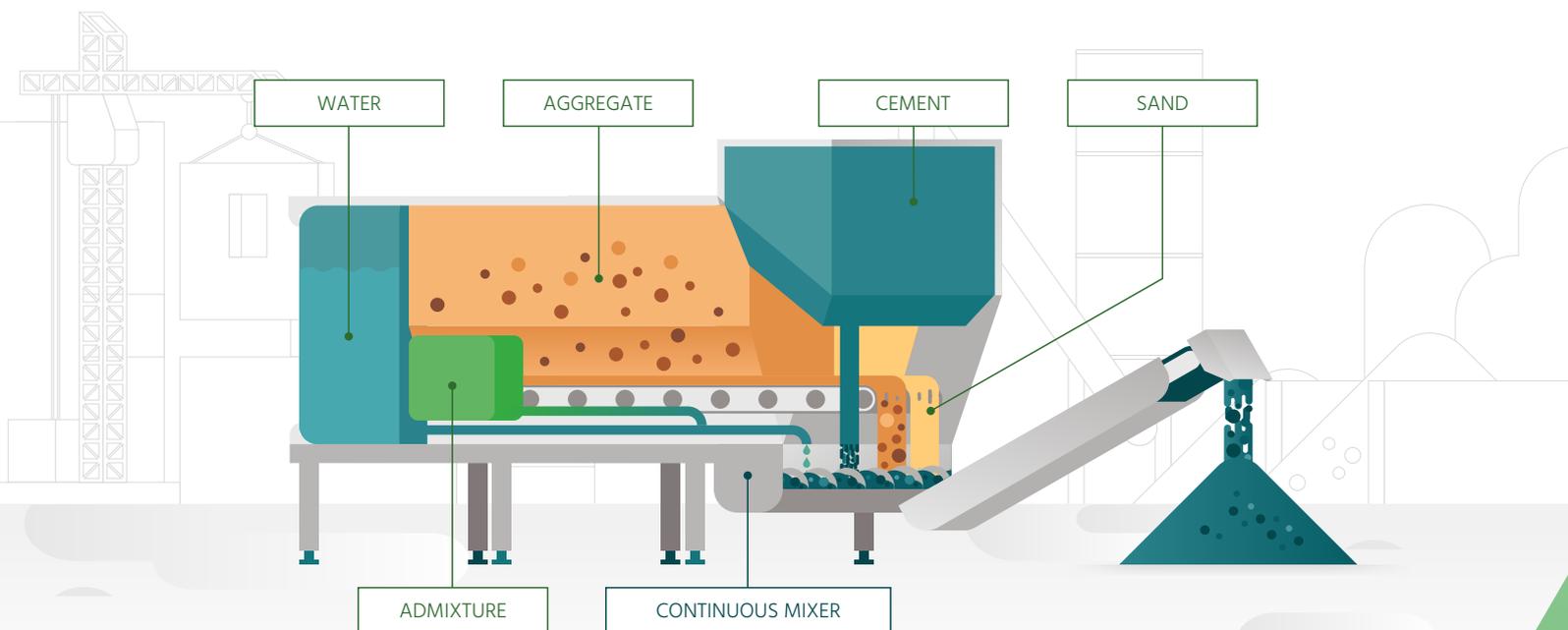
Guarantee and post-warranty service, repair service, renovation and supply of spare parts are provided as a matter of course.



HOW DOES IT WORK

BLEND volumetric mixers produce concrete at a constant rate of up to 1 m³ per minute. Components of a mixture, usually aggregate, sand, cement, water and additives, are continuously supplied to the mixing space. The dosing of ingredients is constantly controlled by the on-board computer unit. Thanks to dynamic weighing system and electronic sensors, BLEND mixers can produce concrete with the highest precision. The control panel with the computer unit enables to interrupt or cancel the mixing process at once, make a correction of task or change the mixture recipe.

The ingredients are stored in separate bins. Raw materials that have not been processed can be used next and there is no waste. Mixing of concrete on construction site increases its quality, reduces production time and costs.



ADVANTAGES OF OUR SOLUTION



MAXIMUM MOBILITY

Volumetric mixers are indispensable in too remote areas or difficult terrains, where drum mixers fail to bring fresh concrete.



MIXING THE REQUIRED AMOUNT

You always produce exact volume of concrete, what is at your project needed or your customers have ordered. No amount is too small or too large.



ACCURATE MEASUREMENT

Concrete quality depends on strict adherence to standards. Our equipment uses advanced measurement and weighing systems that guarantee the highest possible accuracy.



ELECTRONIC CONTROL

Based on the selected concrete type and volume, the control unit calculates the appropriate amount of the components and starts mixing process.



DIFFERENT MIXTURE SETTINGS

With the same load of raw materials, different grades of concrete can be produced. Technology enables also special options with admixtures and fibers.



EASY BILLING

Computerized dosing of ingredients simplifies the automatic and perfectly accurate billing of each amount of the produced mixture.



INSTANT PRINT OF DELIVERY NOTES

If the concrete is supplied to the customer, the optional printer installed on mixer enables the operator to hand over the delivery note immediately on-site.



ENTREPRENEURIAL INDEPENDENCE

Own technology gives you the business independence from external suppliers. You can also take control of production costs, logistics and quality management.



NO LEFTOVER CONCRETE

You produce only what is needed at the job site without wasting. It is possible to prepare less concrete and, if necessary, to mix more.



HIGH PROFITABILITY

Self-made concrete is cheaper than its buying. Waste-free production, high output capacity and low operating costs ensure high profitability.



TIME SAVING

Production time is very short - only 1 minute per cubic meter. Mixing starts immediately, when the machine arrives on the job site, and can be intermittent.



ENVIRONMENT-FRIENDLY

Our volumetric mixers prevent waste of raw materials and energy. They generate less emissions and minimize the associated carbon footprint.

PRODUCTION OPTIONS



CONCRETE



COLD ASPHALT



MORTAR



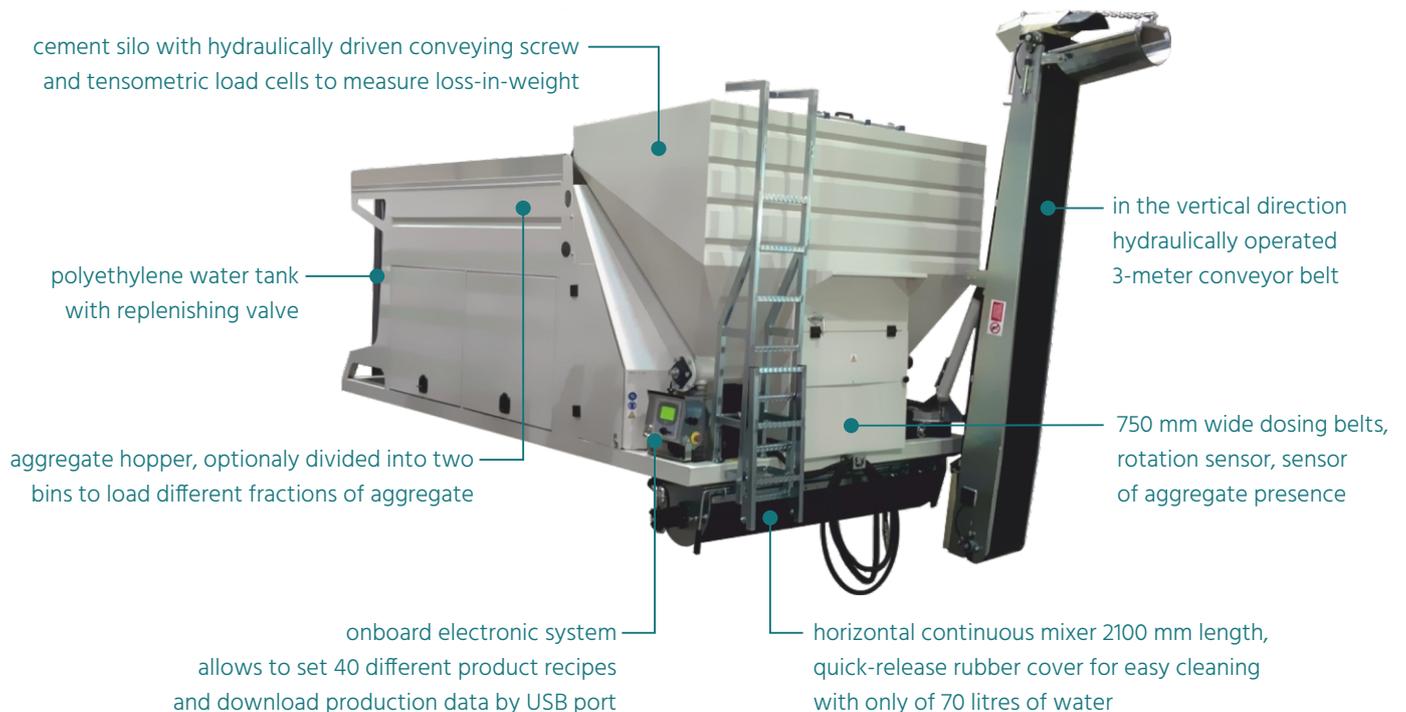
Loading of raw materials, transport to the job site, managing the mixing process, and instant print of the delivery note are executed by single qualified operator.

MODELS

The BLEND lineup of volumetric mixers includes three models - E025, E050 and Seventy.

The construction features of all mixers are the same, they differ only in dimensions. Depending on them, equipments have a various sizes of raw material bins. Operators can choose the model ideally matching their production volume requirements.

Machinery is driven by a 4-cylinder diesel engine with a power output of 37 kW. When mounted on a truck, it is possible to replace it with a PTO to transfer mechanical power from the truck gearbox.



TECHNICAL DATA



PARAMETERS	BLEND E025	BLEND E050	BLEND SEVENTY
DIMENSIONS	4 600 x 1 930 x 2 250 mm	5 900 x 2 300 x 2 250 mm	6 400 x 2 450 x 2 250 mm
AGGREGATE BIN	5 m ³	9 / 10 m ³	12 / 14 m ³
CEMENT BIN	2 500 kg	3 500 kg	4 000 kg
WATER TANK	1 x 1 500 l / 2 x 1 500 l*	1 x 2 000 l / 2 x 2 000 l*	1 x 2 000 l / 2 x 2 000 l*
ADMIXTURE TANKS	3 x 42 l*	3 x 42 l*	3 x 42 l*
OUTPUT CAPACITY	≤50 m ³ /h - ≤70 m ³ /h	≤50 m ³ /h - ≤70 m ³ /h	≤50 m ³ /h - ≤70 m ³ /h
DRIVE	diesel 37 kW PTO	diesel 37 kW PTO	diesel 37 kW PTO
EMPTY WEIGHT	2 800 kg 2 300 kg	3 100 kg 2 600 kg	3 300 kg 2 800 kg
MOUNTING BASE (not included)	2-axle truck, semi-trailer, hook-lift, railway wagon, fixed stand	3-axle truck, semi-trailer, hook-lift, railway wagon, fixed stand	4-axle truck, semi-trailer, hook-lift, railway wagon, fixed stand

* the number of water tanks and admixture tanks is optional

Dosing conveyors for sand and aggregate.



Dashboard of the electronic control unit.





Mounting on truck chassis are preferred by operators for whom mobility is in the first place.

Installation on a special frame for the hooklift truck ensures fast and easy transportation.



The mixer placed on the folding stand can be transported on a platform semi-trailer.



HORIZONTAL CEMENT SILOS

Horizontal cement silo is an ideal accessory for BLEND concrete mixers. Its great advantage is maximum mobility. The external dimensions make it possible to move on standard platform semi-trailers, but also inside tarpaulin trailers or box trailers. The silo can be equipped with a special lifting device for loading and unloading without the need for a crane. Foundations for installation are not needed, it is sufficient to prepare adequately flat and compacted site.

For optimal measurement of cement stocks, the silo can be equipped with weight sensors. When BLEND volumetric mixers are used as stationary concrete plants, the cement silo can be directly connected to its control unit. Refill of the mixer cement tank is then carried out continuously as needed, the production of concrete need not be interrupted and production volume can be higher. This solution is cheaper than the use of vertical silos, and thanks to the compatibility of the mixer and horizontal silo, it is also maximally effective.

PARAMETERS	BLEND S016	BLEND S026	BLEND S032	BLEND S042
DIMENSIONS	4 500 mm	7 200 mm	9 000 mm	12 000 mm
CAPACITY	16 m ³	26 m ³	32 m ³	42 m ³





ALPAM

MOVMI

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