



THT International Co., Ltd

No11, Lane 259/9, Vọng str, Hanoi, Vietnam

Tel: 84 43. 8697855 Fax: 84 43. 6283741

E-mail: info@thtvietnam.com Website: www.thtvietnam.com

FOAM CONCRETE MIXERS

MasterMix Serie

MasterMix Serie foam concrete mixers are the special mixers designed and manufactured by our company for foam concrete or Cellular Light weight concrete (CLC) industry. They are widely used in CLC production at different scales, suitable for many applications: from a small production unit to a big automatic plant with PLC control system, from an electric driven unit used for industrial area to an diesel engine driven unit used in remote rural and mountain area or a jobsite where the electricity is not available or suitable.

The MasterMix Serie Mixers are horizontal shaft mixers with double spiral ribbon mixing blades, with foam entraining fins, in reverse action ensuring a rapid and homogenous mix of the mortar. They also have high mixing speed thanks to powerful electric motor and gearbox giving you a high production capacity with a small mixer.



Small MasterMix 1.3E mixer designed for a small CLC automatic batching plant for export

MasterMix Serie mixers are featured with closed mixer drum , which ensure a clean environment at working place by letting no dust to the air during the operation. All the shaft bearings are special designed to be located in a close box, not exposed to dirt, mortar or water and not in contact with CLC mortar during the mixing action ensuring long service life.

The MasterMix serie mixer are supplied in different capacities, but all of them enjoy the same advanced design features: high speed, uniform mortar produced, clean and environment friendly, easy to use and maintenance, long service life.



MasterMix 2.2E Mixer for medium CLC plant
 Capacity of drum 2.2m³
 Electrical motor: 380V/ 50Hz/ 11.0 kW
 Suitable for plant 20-60m³/shift
 Speed: 55-60 rpm



MasterMix 3.5E mixer for big CLC plant
 Capacity of drum: 3.5m³
 Electrical motor: 15kW
 Suitable for plant 150-300m³/shift
 Speed: 50-60 rpm



Diesel engine driven mixer MasterMix 1.15DCF

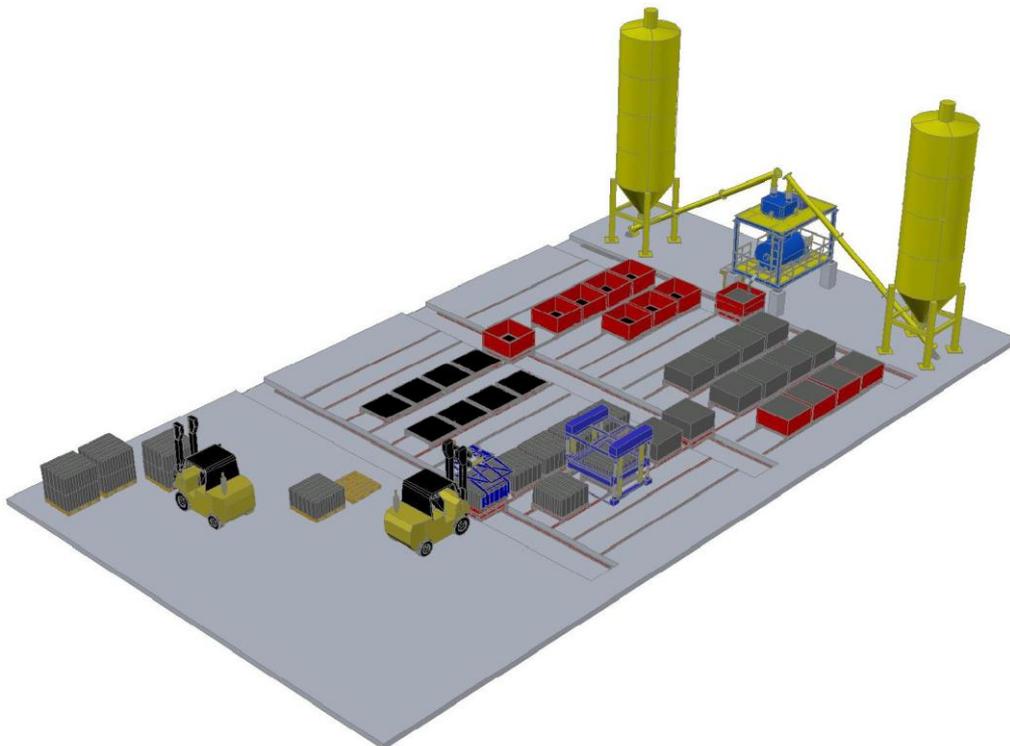
Diesel engine driven small mixer for the jobsites where the electricity is not available or not suitable.

This unit can be mounted on truck or on the chassis or skid together with our famous FoamMaster Foam Generator, compressor and foaming agent tank as an independent foam concrete production unit with manual feed.

Diesel engine: 10HP

Production capacity: up to 30m³/ shift

The MasterMix Serie mixers can be installed on batching plant of different configurations giving you a flexibility in production. Combining it with our famous and well tested MasterCut blocks cutting machine, the production capacity and product quality of your plant are always under control.



An illustration of CLC bricks plant with MasterMix mixer and wire cutting machine Mastercut-3

The standard specification of the MasterMix Mixer

Model	Capacity/ Max volume of CLC	Electric motor	Dimension/ weight with chassis	Application
MasterMix 1.15	1.15/ 1.0 m ³	380V/50HZ/ 7kW IP44	2450x1120x1320mm 735kg	Manual/ small CLC production plant Capa. max 60m ³ /day
MasterMix 2.2	2.20/ 1.85m ³	380V/50Hz/11kW IP44	3170x1645x1310mm 1950kg	Medium CLC plant Capacity max 150m ³ /day
MasterMix 3.5	3.5/ 3.0m ³	380/50Hz/15kW IP44	3210x1840x1470mm 2160 kgs	Big CLC production plant, capacity max 250m ³ /day
Master Mix 4.2	4.2/3.8m ³	380/50Hz/15kW IP44	3210x1840x1500mm 2400kgs	Big CLC Production plant capacity 250m ³ - 1200 m ³ /day

- Paint: 2 layer paint: brown anti-rust and final blue color finished paint
- Close lid for dust proof protection

Note:

Some abbreviation regarding the drive of the mixer :

E – electric motor drive

D- Diesel engine drive

F- Mixer intergrated with Foam generator

C- Mixer intergrated with Air Compressor

Ex: MasterMix 1.15DCF – MasterMix 1.15 mixer, driven by diesel engine, supplied with Foam Generator and air compressor on the same chassis as an integrated unit

Options available:

- Manual butterfly gate
- Pneumatic cylinder acting gate with butterfly gate valve
- Pneumatic actuator gate with butterfly gate valve
- Pneumatic cylinder acting sliding discharge gate
- 380-400V/ 60Hz (please inform us in advance)
- Different color at buyer's option
- Intergrated with foam generator FoamMaster Series
- Intergrated with diesel engine and air compressor

The manufacturer reserves the right to modify the specifications of the equipment without prior notice