



# GAODETEC

## Foam Concrete Machine

- ★ We full strive for shared NORMS and VALUES:
- ★ Safety and stringent quality control
- ★ Maneuverability and operator comfort
- ★ Reliability
- ★ Technical sophistication & after-sales full support



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### GF5/GF10B clc foam concrete machine

GF5/GF10B clc foam concrete machine includes a Screw Conveyor, a Concrete Mixer, a Foam Generator and a Hose Pump, adopts advanced control technology, can exactly adjust the density of foam cement. It can put directly on the truck for working.

**Features:**

1. It is a small-sized one, compact structure, easy to move;
2. Feeding, foaming, mixing and pumping system assemble as a whole, convenient to use;
3. Centralized control system, Easy To Operate, Time-Saving And Labor-Saving;
4. With automatic lubrication system to Increase Equipment Life;
5. The mixing blade is provided with a rubber sheet to minimize mortar adhering to the inner wall of the mixing drum, and mixing is more uniform;
6. It has the continuous feeding and water supply system, with high pumping height and low power cost.



**Technical Data**

Model	GF5	GF10B
Max. theoretical output(m <sup>3</sup> /h)	5	10
Motor power(kw)	7.7	13.2
Theoretical vertical conveying height(m)	40	40
Theoretical level transmission distance(m)	300	300
Mixer tank capacity(L)	300	300
Feeder size(mm)	2990*760*830	2990*760*830
Overall dimension(mm)	2100*1340*1390	2390*1490*1440mm
Total weight(kg)	910	1000

### GF5H/GF10H clc block making machine

GF5H/GF10H clc block making machine includes 2 Concrete Mixers, a Screw Conveyor, a Belt Conveyor, a Foam Generator and a Hose Pump, adopts centralized control technology, can exactly adjust the density of foam cement.

It is specially designed for clc block making, and this machine with Auto-Weighting System, can automatically measure cement, sand, etc. raw material, very convenient to operate.

**Features:**

1. Duplex mixer system to ensure continuous production and uniform density. This design can improve capacity and save labor greatly.
2. Automatically control the proportion of the various components, density of foaming cement easy to be adjusted.
3. High-quality wear resistant components for long service-life and also provide after-sales service security.
4. Installed with walk round, can move on the ground or mounted on the truck.
5. Can be used as cement foaming machine and mortar pump.



**Technical Data**

Model	GF5H	GF10H
Max. theoretical output(m <sup>3</sup> /h)	5	10
Motor power(kw)	10	15
Theoretical vertical conveying height(m)	40	40
Theoretical level transmission distance(m)	300	300
Mixer tank capacity(L)	250&500	350&750
Feeder size(mm)	2990*760*830	2990*760*830
Foam concrete machine dimension(mm)	2100x1340x1390	2850*1000*1500
Total weight(kg)	1500	1700



### GF20/GF30/GF40 foam machine concrete machine

GF20/GF30/GF40 electric foam machine concrete machine includes a Screw (Belt) Conveyor, a Concrete Mixer, a Foam Generator and a Hydraulic Piston Pump, adopts centralized control technology, can exactly adjust the density of foam cement, suitable for floor and roof insulation.

**Features:**

**Frequency converter:** adopts digital control technology, can exactly adjust foam cement density.

**Static mixer:** reduce the ratio of foam loss and guarantee the quality of the foam concrete.

**Hydraulic piston system:** stable flow, small fluctuation, and low foam loss ratio.

**Screw conveyor:** automatic delivery, time-saving and labour-saving.



**Technical Data**

Model No /Cement foam machine	GF20	GF30	GF40
The theoretical output (m <sup>3</sup> /h)	20	30	40
Max. Horizontal conveying distance(m)	500	500	1200
Max. Vertical conveying distance(m)	80	80	160
Voltage	3 phase, 380V, 50Hz		
Power(kw)	21	21	47
Mixing tank capacity (L)	580	580	735
Filling height (mm)	1100	1100	1100
Over dimension(mm)	3000*1420*830	2200*1540*1760	2800*1650*1760

### GF20D diesel foam cement machine

GF20D diesel foam cement machine includes a Screw (Belt) Conveyor, a Concrete Mixer, a Foam Generator and a Hydraulic Piston Pump, adopts centralized control technology, can exactly adjust the density of foam cement, suitable for floor and roof insulation.

**Features:**

1. Frequency converter: can exactly adjust foam cement density.

2. Diesel engine: use diesel as the power, need not the electricity, adapt to operate where there is no electricity, can be used outside or field.

3. Static mixer: reduce the ratio of foam loss and guarantee the quality of the foam concrete.

4. Hydraulic piston system: stable flow, small fluctuation, and low foam loss ratio.

5. Screw conveyor: automatic delivery, time-saving and labour-saving.



**Technical Data**

Model	GF20D
Max. theoretical concrete put(m <sup>3</sup> /h)	20
Diesel engine power(kw)	53
Theoretical vertical conveying height(m)	80
Theoretical level transmission distance(m)	500
Mixer tank capacity(L)	580
Filling height(mm)	1100
Mixer size(mm)	1940*780*1470
Feeder size(mm)	3990*760*830
Main part overall dimension(mm)	4000*1500*1900
Weight of main part(kg)	3000

## GM2000 cellular lightweight concrete mixer

GM2000 cellular lightweight concrete mixer includes feeding system-Track and Hopper, foaming system-Foam Generator, mixing system-Foam Concrete Mixer, controlling system-Control System and storing system-Foam Concrete Tank. The foam concrete mixer is used to mix cement, sand, foams, etc. raw materials based on certain proportion into fluid foam concrete, and the foam concrete can be used for floor heating, roof insulation, clc blocks, cast-in-situ walls, foundation pit filling, tunnel filling, etc.

### Features:

1. Control system: concentrated control, easy to operate.
2. Mixer tank: bigger capacity 2000L, each batch can produce large quantity foam concrete, more efficiency.
3. Forecd mixing: foam concrete mixing more uniform and even.
4. Storage tank: used to link mixer and pump, make the working process continuously.
5. Lubrication system: make the machine low failure rate.
6. Guard fence: good safety for workers.
7. Moving system: with wheels, can be moved anywhere easily.



### Technical Data

Model	GM2000
Production Capacity	20 m <sup>3</sup> /h
Main Shaft Revolution	32 r/min
Hopper Lifting speed	22 m/min
Total power	20.25kw
Voltage	3 phase, 380V, 50Hz
Max. Moving Speed	15 km/h
Total Weight	3000 kg
Overall Dimension	2600x2250x3000 mm

## GP30 foam concrete pump

GP30 foam concrete pump is mainly used for pumping foam concrete slurry. This foam concrete pump adopt hydraulic system to pump foam concrete, more powerful, Max. horizontal pumping distance can up to 500m, Max. vertical pumping distance can up to 180m, easy to pouring roof, floor and wall.

### Features:

1. More powerful: pump motor power 30kw, Max. horizontal diatance up to 500mm, Max. vertical distance up to 180m.
2. More continuously: adopts double cylinder piston pump, making foam concrete conveying more continuously.
3. Bigger aggregate: can pump bigger aggregate, Max. can be 8mm.



### Technical Data

Model	GP30
Max. Output	30 m <sup>3</sup> /h
Max. Conveying Pressure	4 Mpa
Max. Horizontal Transporting Range	500 m
Max. Vertical Transporting Height	180 m
Max. Particle Size of Aggregates	8 mm
Oil Pressure Box Volume	320 L
Motor Power	22.18 kw
Voltage	3 Phase, 380 V, 50Hz
Total Weight	2000 kg
Overall Dimension	4200x1420 x1700mm

### GFC1000-H foam concrete machine

GFC1000-H foam concrete machine is composed of mixer, agitator, foam generator, hose pump, equipped with screw feeder, belt conveyor and submersible pump. The equipment is equipped with a weighing sensor and automatic batching system, which can set each batching weight and realize automatic feeding and full mixing.

**Features:**

1. Automatic control and weight cell loading; material weight mixing ratio precise, simple operation, saving labor, great reliability;
2. Heavy duty and powerful mixer, easily to mix sand, cement, water and foam agent, as well as high efficiency to achieve continuous mixing and continuous work;
3. Up to 20bar high pumping pressure to meet high floor pumping requirement;
4. Foam agent can be added into the mixer continuously, high working efficiency.



**Technical Data**

Model	GFC1000-H	
Items	Specification	
Mixer	Volume	600L
	Power	7.5kw,3 phase, 380V, 50Hz
	Speed	45rpm
Agitator	Volume	650L
	Power	1.5kw
High-tech pumping system	Output	8m <sup>3</sup> /h, 20bar pumping pressure
	Power	7.5kw
	Pumping distance	Vertical: 130m; Horizontal:250m
Foam generator	Foam output	600L/min
	Air pressure	6 bar
Dimension	2400×1900×1960mm	
Weight	1200kg	

### GW30B automatic wire cutting machine

GW30B automatic steel wire cutting machine is a new product in the foam concrete plant.It is specially used to cut various size foam concrete blocks, from 100mm to 1200mm. Easy operation, high efficiency.

**Features:**

- 1.The lifting motor adopt the standard automatically brake motor.
- 2.Lifting speed could be adjusted through the frequency converter.
- 3.The block size between 100--1200mm could be adjusted willfully.
- 4.All motors are equipped with speed reducers.
- 5.It is improved on the basis of the GW30A wire cutting machine, it is specially used to cut various foam concrete blocks. Easy operation, high efficiency.



**Technical Data**

Model	GW30B
Max. cutting length and width	100mm-1200mm
Max. cutting height	100mm-600mm
Cutting cycle	2-4 minutes
Cutting wire diameter	2mm
Voltage	3 phase,380V,50Hz
Lifting motor	1.5kw*1set, 0~1400 r/min
Cutting motor	550w*2sets, 960 r/min
Dimension	2100*2050*2300mm
Weight	1500kg



## GA40 cement foaming agent for foam concrete

GA40 cement foaming agent for foam concrete is a high-tech product. It has the characteristics as high expansion ratio, balanced density, foaming stability, and a long continuance, etc. Thus, it is an environmental protective mighty foaming agent, which is non-toxic, odorless, nuisance-free and pollution-free.

### Features:

1. Low consumption, low cost, stable quality, etc.
2. Every drum foam agent can produce foam about 33g/L.
3. Foam agent for concrete widely used for floor heating and roof insulation engineering.
4. Foamed concrete bubbles are independent, resistance to water.
5. Concrete foam agent compared to same density concrete, sealing and insulation properties of the foam concrete are better.
6. Based on the excellent thermal insulation properties, thickness(1.5mm) can be applied to foam concrete brick, light board and wall.



### Technical Data

Model	GA40
Type	Light yellow transparent liquid
Density(kg/L)	1.06
PH value	6.5-7.5
Foam agent: water	1:40
Foaming ratio	30
Settling distance(mm)	<=20
Secret water volume(ml)	<=80
Operating temperature(°C)	>=5
Weight(kg)	200