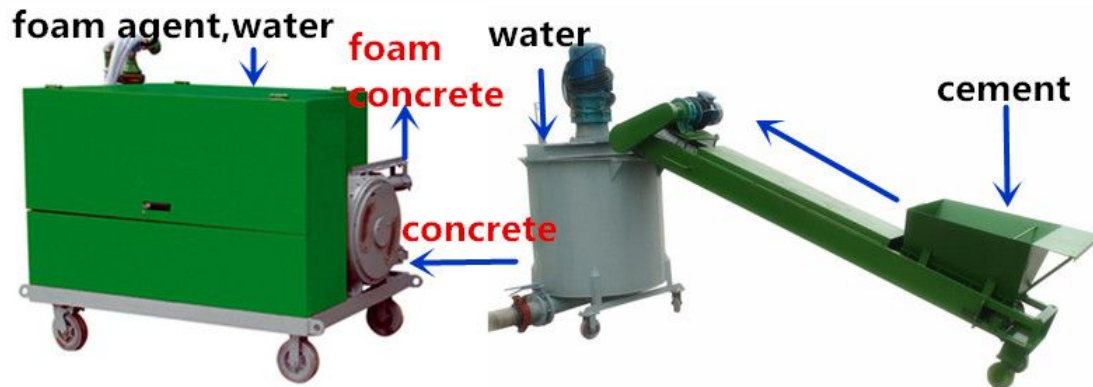




## 郑州高德机械设备有限公司 Gaode Equipment Co., Ltd.

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### GF10 cement foam concrete unit



#### Operation principle:

The cement, fly ash(fine particle powder),etc. and water are mixed into cement paste in the mixing tank according to the proportion by lightweight concrete special equipment, and press the cement paste into pipeline by hydraulic conveying cylinder; foaming agent mixed with water according to the proportion, then mixed with compressed air by high pressure pump, form fine foams of high density in the pipeline, and then mixed with cement paste in the pipeline, at last form lightweight concrete.

#### Features:

1. Simple structure, small volume, light weight, easy operate,
2. According demands to choose suitable pumping speed.
3. Foaming system adjust frequency control speed, could adjust foaming agent ratio.
4. Mainly used for roof insulation, floor heating etc. projects;
5. High cost-performance.

#### Technical data:

Model	GF10
Max.Output	10m <sup>3</sup> /h
Max.Conveying Pressure	2 MPa
Max.Horizontal Transporting Range	200 m
Max. Vertical Transporting Height	70 m
Acceptable Max. Aggregates size	2 mm
Power	8KW
Dimension	1700x1150x1480mm
Weight	750kg



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## Application:

1. Applied for insulating layer in floor heating constructions: the surface will flow smooth naturally and is an essential advanced equipment for floor heating construction.
2. Applied for roof insulation constructions: The foam material used in roof insulation is with warm keeping, heat insulating function, it's effect is 20-30 times the ordinary material, which keeps the room temperature of top floor the same as other floors, warm in winter and cool in summer.
3. Can be used in producing various specifications of cement foam board, cement foam bricks and external wall insulation material.
4. Can be used in filling tunnel and mine internal voids, etc. And applied for insulation of low temperature cold store and refrigerated depot section.
5. Applied in freezing prevention and temperature maintenance of pipeline.

### *the application of foam concrete machine*



地暖发泡层的浇注 **floor heating project**



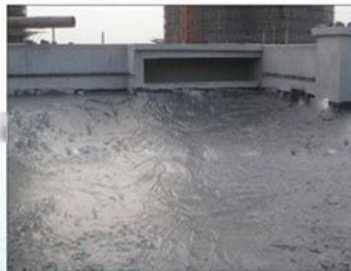
发泡层面上的布管



房顶保温隔热施工 **roof insulation**



屋面保温、找坡的应用



**roof insulation for slope**



制板机生产的保温板材和保温砌块



**insulation board and block**



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