



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

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GF35A lightweight foam concrete unit



Working principle:

GF35 foaming cement machine put cement and water into a slurry mixing and then mix them in a certain proportion, press them into transmission pipelines through hydraulic cylinder; According to a certain proportion foam mixed with water and then mixed with compressed air by the high-pressure pump; In the pipeline it form the high-density foam and meticulous, at last form the foam cement with the slurry in the pipeline.

Features:

1. Adopting double cylinder hydraulic push mechanism to pump lightweight concrete, flux is stable, and wave is small.
2. Proportion of mixture is controlled automatically, so the density of lightweight concrete can be adjusted easily.
3. Adopting selected matching components, it also has reliable quality and good after-sales service.
4. We can also use good domestic foaming agent to reduce the construction cost.
5. With road wheel and universal wheel, the machine is flexible with moving and positioning.
6. Hydraulic system cooling use air cooling instead of water cooling, this make it more convenient as there's no need to drain pipe.
7. Electrical appliance box is equipped with remote control handle; all functions can be operated by remote control handle.
8. It can be used in vehicle.



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Technical data:

Model	GF35
Max.Output	35m ³ /h
Max.Conveying Pressure	4 MPa
Max.Horizontal Transporting Range	400 m
Max. Vertical Transporting Height	150 m
Acceptable Max. Aggregates size	8 mm
Power	34.5kw
Dimension	3800x1500x1500mm
Weight	1760kg

A complete set of GF35 foam concrete machine:

No.	Description	Quantity	Unit	Remarks
1	Main machine	1	set	
2	Mixer	1	set	
3	Feeder	1	set	
4	Compressor	1	set	
5	Foam generator	1	set	
6	Conveying hose, ID 50mm, Length	1	set	
7	Water pump	1	set	
8	Water pump hose	1	set	

Detailed image:

Foam concrete pump:





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Foam concrete mixer and feeder:



Foaming agent:

The foaming agent 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 nuisance-free and pollution-free.



发泡剂发泡效果





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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.



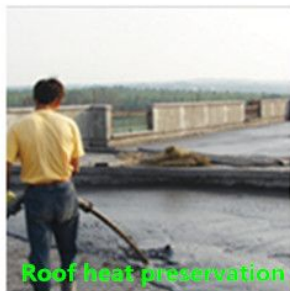
Pipe-layout on the foam level



Pouring foam layer of floor heating



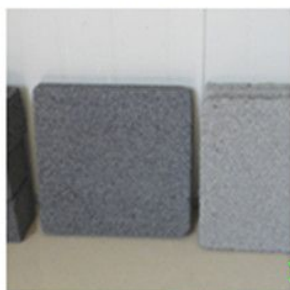
Injecting concrete wall



Roof heat preservation



Roof insulation for slope



Insulation board and block



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