

## 郑州高德机械设备有限公司

### Gaode Equipment Co., Ltd.

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#### GF30 cement foam concrete machine

#### **Working Principle:**

GF30 cement foam 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.



#### **Performance Characteristics**

On the basis of taking advance of the principle of the structure from advanced facility abroad and seek the user's advice widely. According to China's actual situation, rely on our rich experience in design and manufacturing the hydraulic equipment, we take the innovation and have a distinct personality characteristics as well as completely independent intellectual property rights.

The use of double cylinder hydraulic pump water bodies Push mud, exports of high pressure, can meet the needs of high-rise ratio of the various ingredients used in automatic control, The density foam cement adjust easily selected using the homemade quality matching components, reliable guaranteed after-sales service can use the high-quality home-foaming agent, lower construction cost with running

Round and Universal Wheels, Mobile and place convenient and flexible.



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#### **GF30 cement foam machine Technical data:**

Name	unit	Parameter	
Foam cement throughput	m³/h	20-30	
Max convey height	m	150	
Max convey level	m	1000	
Primary motor power	kw	31	
Feeder electrical power	kw	1.5	
Mixer feeding height	mm	1100	
Mainframe size	mm	2200×1540×1760	
mixer size	mm	1940×780×1470	
feeder size	mm	3800×760×830	

#### A complete set of GF30 cement 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, ID50mm, Length 100m	1	piece	
7	Water pump	1	set	
8	Water pump hose	1	piece	



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#### Other pictures







#### **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.



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5. Applied in freezing prevention and temperature maintenance of pipeline.



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