



郑州高德机械设备有限公司

Gaode Equipment Co., Ltd.

地址 ADD: 郑州市金水区丰庆路 4 号院 14 号楼 9 号

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No.9, Building 14, Yard No.4, Fengqing Road, Jinshui District, Zhengzhou, Henan China

网站 (Web) :www.gaodetec.com

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GF60A Large-scale foam cement light-weight thermal insulation prefabricated board mixing station

I. Product performance characteristics

1. A lightweight concrete pumping system adopts a hydraulic push mechanism, high pumping pressure, and horizontal transmission distance of up to 1000 meters, which can meet the requirements of highway-filling long-distance transmission.
2. The high and low-pressure density stabilization technology developed by our company ensures that the density of light concrete output from short distances and long distances is constant, and will not change because of the change of conveying distance or conveying height.
3. The whole equipment adopts a container structure, is easy to install and move, transportation, GF60A machine with a 6.5-meter truck can be transported.
4. Models equipped with lightweight concrete density monitoring and control devices, using touch screen intelligent control system, equipment working status and various parameters are intuitively displayed on the screen, easy to judge the working status and centralized control.
5. Powder metering, slurry mixing, and slurry storage are divided into three layers of structure, which can be based on the need to increase or decrease the combination.
6. Standard equipped with material batching measuring device, cement, powder, water, etc., can be measured respectively, accurate control of material ratio.
7. Standard equipped with daily production report output interface or printing device, which can be the daily consumption of cement, fly ash, foaming agent, and other materials and light concrete output summary output or printing.
8. The lightweight concrete density monitoring and control device developed



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by our company, which has reached the leading level in China, can be selected to test the wet density and dry density of the lightweight concrete produced by the equipment in real-time, so as to provide reliable data for the engineering quality inspection department.

9. Automatic control, equipped with lightweight concrete density monitoring and control device equipment, equipment can automatically adjust the material ratio of the front end according to the detected density data so that the production of lightweight concrete density meets the requirements of the control set.

II. Machines pictures





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III. Product technical parameter table

Name		GF60A CLC PLANT	NOTE	
Item				
Pump and foam system	Output (m ³ /h)	60 (can choose 20-60 can adjust)	Dry density 450kg/m ³	
	Convey distance (m)	Horizontal	1200	
		Vertical	160	
	Motor power (kw)	Pump motor	37	
		Foam system	15	
	Diameter of concrete cylinder		Φ140	
	Pumping form		Ball valve double cylinder hydraulic push	
	Density range of lightweight concrete (kg/m ³)		350-800	
	Foaming ratio		Adjustable	
	Wet density testing of lightweight concrete		Optional, error +-5%	Selectable
	Dry density testing of lightweight concrete		Optional, error +-5%	Selectable
	Set the alarm of density overrun		Selectable	Selectable
	Flow detection		The slurry flow test showed an error of +-2%	Selectable
			The slurry flow test showed an error of +-2%	Selectable
Foaming agent flow test showed an error of +-2%			Selectable	
Diameter of the hose		Φ76		
Mix	Mixer capacity (L)	1300		



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system	Storage mix capacity (L)		1300	
	Motor power (kw)	Mixer	15	
		Storage mixer	5.5	
		Water pump	3	
		Screw conveyor	7.5	
	Screw conveyor		1x ϕ 219x6m	
	Weighing system		Cumulative weighing	
Control system	Control model		PLC control, touch screen display and input	
	Parameters to print		Lightweight concrete proportioning printing	selectable
			Lightweight concrete productivity printing	selectable
Size	Main machine (LXWXH mm)		4880x1850x2645	
Weight (kgs)			4500	

IV. Configuration of main components

Parameters	Model	GF60A
Main oil		hefei wanye
Motor		HUALI/hongqi
Valve group		TAIWAN Jingji in northern
Pressure gage		WUXI
Hydraulic hose		Manouli, Italy
Seal		USA Parker
PLC unit		OMRON
Intermediate relay		OMRON



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Proximity switch	Schneider of France
Remote control	Wireless remote control
Button	Schneider of France

V. Configuration list (including $\Phi 76$ delivery hose 100m)

NO.	NAME	MODEL	UNIT	QT
1	Hose	$\Phi 76-20m/pc$	pc	5
2	Rubber ring	$\Phi 76$	pc	5
3	Rubber hose	$\Phi 89-1m$	pc	1
5	Water bag		pc	1
6	Water bag holder		set	1
8	Water pipe	$\Phi 25-4.5m$	pc	1
9	Piston	$\Phi 140$	pc	2
10	O ring	FP60	set	1
11	Proximity switch	ZLJ-A18-8ANA-Q	pc	1
12	Clamp	$\Phi 89A$	set	3
13	Water pump accessories	3WI-22WD	set	1
14	Remote control	220V wireless	pc	1
15	Operate guide	FP60	pc	1
16	Tool box		pc	1

VI. Application examples



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