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GRC SPRAY PUMPS

ASE GRC 200 FC ASE GRC 200 FCL



ASE GRC 200 FC is a machine designed for pumping alkali-resistant fibreglass reinforced concrete mortars. It has technical properties to respond to every need for precast spraying applications.

It is mounted on a robust body. Thanks to its strong wheels, it can be easily moved in the operation site. With the boom connected to this body, mortar hoses and fibreglass can be easily moved during spraying, which facilitates the use of the spraying gun.

Since the pump system used in the machines is a progressive screw pump, the mortar can be conveyed in a more homogenous state and without any aggregation. This property of it makes the machine superior than those operated by a peristaltic pump system.

Thanks to its frequency converter, the pumping capacity can be adjusted in any rate any time according to the material requirement and the type of the application.

In the FCL model, loading the mixed material to the bunker is made easy, thanks to its integrated pneumatic lever mechanism.

The sieve with vibrator enables the material to be applied in the specified standards.

On the control panel, all the necessary functions are designed for easier use. With a pneumatic control, the spraying gun can turn the pump on and off. Precise air controls can be set separately for each function and each has a separate manometer.

Its high capacity pump vessel is specially designed in an angle required for convenient material flow. The feed screw and the feed bunker provide efficient and economic operational conditions. Thereby, the machine can be easily cleaned at the end of the application.

TECHNICAL DATA

	GRC 200 FC	GRC 200 FCL
Conveying capacity*	0-16 l/min	0-16 l/min
With various pump*	0-55 l/min	0-55 l/min
Conveying pressure*	30 bar	30 bar
Air requirement	1800 l/min, 8 bar	1800 l/min, 8 bar
Power supply	400 V, 50 Hz, 3-ph	400 V, 50 Hz, 3-ph
Fuse protection	3x32 A	3x32 A
Pumping motor	5,50 kW	5,50 kW
Fuse protection	3x25 A	3x25 A
Remote control	Pneumatic	Pneumatic
Conveying hose	Ø 25 mm	Ø 25 mm
Hopper content	80 l	80 l
Filling height	910 mm	910 mm
Dimensions L/W/H	1570/970/2750 mm	1570/970/2750 mm
Total weight approx.	400 kg	430 kg

* Depending on motor speed, mortar quality, composition and consistency, pump type and condition, diameter of the conveying hose.



FIELDS OF APPLICATION

For all pumpable glass fibre reinforced concrete mortars, such as

- Precast concrete
- With the concentric fibre gun, mixing the mortar-concrete in the gun and spraying
- Pumping the premixed fibre mixed with concrete
- With twin head guns, high-flow spraying
- Low-flow decorative mould casting

... and many more

STANDARD EQUIPMENT

- Pumping unit D 4-2
- Control unit with frequency converter
- Special concentric spray gun
- Spray gun cleaning apparatus
- Sieve with vibrator
- Mortar hose Ø 25 mm 10 m
- Air hoses 8 mm 11 m, 3 units
- Hose claw Geka-coupling GSK 19
- Hose clamp 28-34 mm SL 34
- Power cable 5x4 mm² 15 m CEE cpl. 32 A
- Glass fibre tray
- Extension boom
- Tool box