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## MORTAR CONVEYING PUMPS

### ASE VP 500 ASE VP 500 K/FC



ASE VP 500 is an electrically operated screw pump, which is ideal for conveying materials to higher and farther spots with a greater pumping capacity.

It is a high performance machine for conveying any cement-based pumpable ready-mixed wet mortars with a granule dispersion of 0-8 mm brought by the plant or mixed in the site.

Thanks to its sieve with a standard vibrator, the pump is protected against deformation caused by large aggregates.

K models with built-in compressor enable spraying, as well.

The FC model has the feature that the pumping capacity, thanks to its frequency converter, can be adjusted in any rate any time according to the type of the application.



### TECHNICAL DATA

|                      | VP 500            | VP 500 K          | VP 500 K/FC       |
|----------------------|-------------------|-------------------|-------------------|
| Pumping capacity*    | 35 l/min          | 35 l/min          | 0-35 l/min        |
| With various pump*   | 70 l/min          | 70 l/min          | 0-70 l/min        |
| Pumping pressure*    | 40 bar            | 40 bar            | 40 bar            |
| Conveying distance*  | 80-100 m          | 80-100 m          | 80-100 m          |
| Conveying height*    | 40 m              | 40 m              | 40 m              |
| Power supply         | 400V, 50 Hz       | 400V, 50 Hz       | 400V, 50 Hz       |
| Fuse protection      | 3x32 A            | 3x32 A            | 3x32 A            |
| Pumping motor        | 7,50 kW           | 7,50 kW           | 7,50 kW           |
| Vibrator             | 0,17 kW, 205 kg   | 0,17 kW, 205 kg   | 0,17 kW, 205 kg   |
| Sieve with vibrator  | 8-10 mm           | 8-10 mm           | 8-10 mm           |
| Compressor capacity  | -                 | 400 l/min, 8 bar  | 400 l/min, 8 bar  |
| Remote control       | -                 | Pneumatic         | Pneumatic         |
| Output coupling      | 2"                | 2"                | 2"                |
| Conveying hose       | Ø 50+35 mm        | Ø 50+35 mm        | Ø 50+35 mm        |
| Loading height       | 740 mm            | 740 mm            | 740 mm            |
| Hopper content       | 155 l             | 155 l             | 155 l             |
| Dimensions (L/W/H)   | 2490/1200/1070 mm | 2490/1200/1070 mm | 2490/1200/1070 mm |
| Total weight approx. | 440 kg            | 465 kg            | 475 kg            |

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

### FIELDS OF APPLICATION

For all pumpable ready wet mortars or pumpable mortars to be prepared in the construction site, such as:

- Reinforcing mortars
- Injection mortars
- Conventional plaster
- Exterior render
- Cement render
- Lime render
- Restoration plaster
- Thermal insulation mortars
- Self levelling components
- Masonry mortar
- Flooring mortars
- Screed mortars
- Spraying mortars
- Fillers and bonding mortars
- Reinforcing and adhesive mortars
- Fibre mortars
- Fibreglass mortars
- Suspension mortars

... and many more

### STANDARD EQUIPMENT

- Pumping unit 2 L 6 or 2 L 6 Plus
- Mortar hose Ø 50 mm 40 bar 20 m with couplings
- Mortar hose Ø 50 mm 40 bar 10 m with couplings
- Mortar hose Ø 35 mm 40 bar 10 m with swivelling couplings
- Air hose Ø 10 mm 41 m with GEKA couplings (K)
- Reduction coupling 50/35 mm
- Integrated pressure manometer 0-60 bar
- Sieve with vibrator 8-10 mm
- Spray gun Ø 35 mm, nozzle 18 mm (K)
- Air compressor 400 l/min 8 bar (K)
- Power cable 5x4 mm<sup>2</sup>, 25 m, CEE cpl. 32 A
- Cleaning sponge ball Ø 60 mm, 2 pcs
- Cleaning sponge ball Ø 45 mm, 2 pcs
- Rotor dismantlement apparatus
- Hose cleaning apparatus via air (K)
- Manual grease pump
- Round file
- Tool box