

ASE EVP 18
ASE HVP 18



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These are the most advanced superior performance pumps designed especially for ready-mixed wet screed applications, operated by a rotor-stator system, and with a pumping capacity of 18 m³ per hour.

They are ideal to pump ready-mixed wet mortars or lightweight concrete materials in S4 consistency with a pumpable design up to a granule size of 16 mm received from the plant or prepared in the site.

The model EVP 18 has the feature that the pumping capacity, thanks to its frequency converter, can be adjusted in any rate any time according to the application requirement.

HVP 18 Diesel-powered model provides many advantages in the sites with no electricity.



■ TECHNICAL DATA

	EVP 18	HVP 18
Pumping capacity*	18 m ³ /h	18 m ³ /h
Pumping pressure*	30 bar	30 bar
Maximum granule size	16 mm	16 mm
Conveying distance*	100 m	100 m
Conveying height*	40 m	40 m
Drive	400 V, 50 Hz	Diesel
Fuse protection	3x40 A	-
Pump motor	15 kW, geared motor	26 kW/32,5 HP
Hopper content	240 l	240 l
Vibrator	0,17 kW, 205 kg	12 V, 205 kg
Sieve with vibrator	12 or 16 mm	12 or 16 mm
Output coupling	2 ½"	2 ½"
Material hose	Ø 65 mm	Ø 65 mm
For pouring-spraying	Ø 50 mm	Ø 50 mm
Dimensions (L/W/H)	3260/1360/1300 mm	3460/1360/1300 mm
Loading height	1150 mm	1150 mm
Total weight approx.	920 kg	1390 kg

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

* Consistency class: S4 (fluid). Slump range: 160-210 mm.

■ FIELDS OF APPLICATION

For all pumpable ready-mixed wet mortars or lightweight concrete mixtures up to a granule size of 16 mm, such as:

- Screed mortars
 - Self-levelling screed
 - Anhydride based screed
 - Self-compacting concrete
 - Lightweight concrete pumping
 - Fibre reinforced concrete
 - Polystyrene lightweight concrete
 - Wet shotcrete
 - Flooring
 - Insulating mortars
 - Injection mortars
 - Spraying mortars
 - Reinforcing mortars
 - Masonry mortars
 - Fillers and bonding mortars
 - Rough casts
 - Restoration plasters
- ... and many more

■ STANDARD EQUIPMENT

- Pumping unit 2 L 8
- Geared motor 15 kW, 400 V, 50 Hz
- 4 cylinder 26 kW Diesel motor (HVP 18)
- Control box with phase sequence relay and frequency converter
- Overturnable sieve with vibrator, 12 or 16 mm
- Output flange extra long 2 ½"
- Integrated mortar pressure gauge 0-60 bar
- Power cable 5x4 mm² TTR, 25 m CEE cpl. 32 A
- Rotor dismantlement apparatus
- Integrated rotor-stator tool box
- Manual grease pump
- Integrated tool box

■ REQUIRED ACCESSORIES

- Mortar hose Ø 65 mm 10 m with couplings
- Mortar hose Ø 65 mm 20 m with couplings
- Mortar hose Ø 50 mm 10 m with couplings
- Reduction coupling 65/50 mm
- Cleaning sponge ball 80 mm
- Cleaning sponge ball 60 mm

■ RECOMMENDED ACCESSORIES

- Extension power cable 5x4 mm² 25 m
- Extension power cable 5x4 mm² 50 m
- Remote control cable 50 m or 100 m