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 Череповец (8202)49-02-64
 Чита (3022)38-34-83
 Якутск (4112)23-90-97
 Ярославль (4852)69-52-93

Россия +7(495)268-04-70

Казахстан +7(7172)727-132

Киргизия +996(312)96-26-47

<https://ase.nt-rt.ru/> || aej@nt-rt.ru

PISTON SCREED AND PLASTER PUMPS

ASE HSP/EM
ASE HSP/DM



6

Many screed, plaster and structural mortars are hard to be pumped due to their compositions and chemical additives. Higher pumping pressures should be applied on them for continuous uses.

For constant pressures equal to and over 40 bars, mechanically driven cylinder pumps or screw pumps are not suitable. This is just the work for a double piston pump driven by a hydraulic power unit that is the ASE HSP.

In ASE HSP models, thanks to their hydraulic power unit advantage, it is possible to change the pumping capacity and the pressure setting according to the application requirement. The ASE HSP is operated by minimum abrasion component cost compared to screw pumps.

HSP/EM is electric pumps and pumps with a lifting mixer; HSP/DM is diesel-powered pumps and pumps with a lifting mixer.



TECHNICAL DATA

	HSP/EM	HSP/DM
Output capacity*	10-150 l/min	10-150 l/min
Pumping pressure*	60 bar	60 bar
Working pressure*	40 bar	40 bar
Maximum aggregate	8-10 mm	8-10 mm
Conveying distance*	200 m	200 m
Conveying height*	60 m	60 m
Power supply	400 V, 50 Hz	Diesel, 4 cylinders
Fuse protection	3x40 A	-
Drive motor	15,0 kW	26,2 kW, 3000 rpm
Mixer content	180 l	180 l
Compressor	400 l/min, 8 bar	400 l/min, 8 bar
Vibrator	0,17 kW, 205 kg	12 V, 205 kg
Sieve with vibrator	10 mm	10 mm
Remote control	Pneumatic + cable	Pneumatic + cable
Output coupling	2"	2"
Chassis	Torsion axle braked	Torsion axle braked
Material hose	Ø 50x35 mm	Ø 50x35 mm
Dimensions (L/W/H)	2900/1860/1630 mm	2900/1860/1630 mm
Loading height	940 mm	940 mm
Total weight approx.	1490 kg	1600 kg

FIELDS OF APPLICATION

For all ready-mixed mortars or well-pumpable mixtures with a 0-8 mm granule dispersion to be prepared in the site, hard-to-pump mortars, cement or calcareous cement mortars, lightweight mortars with a large number of air pores, such as:

- Conventional plaster
- Screed mortars
- Lightweight concrete
- Fibre concrete
- Special plasters
- Stucco siding
- Binding plasters
- Masonry mortar
- Flooring
- Insulating plasters
- Injection mortars
- Spraying mortars
- Fillers and bonding mortars
- Reinforcing and adhesive mortars
- ... and many more

STANDARD EQUIPMENT

- 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 coupling
- Reduction coupling 50/35 mm
- Air hose Ø 10 mm 41 m with GEKA couplings
- Integrated pressure manometer 0-60 bar
- Spray gun Ø 35 mm, nozzle 18 mm
- Air compressor 400 l/min 8 bar
- Power cable 5x4 mm², 25 m CEE cpl. 32 A (EM)
- Cleaning sponge ball Ø 60 mm, 2 pcs
- Cleaning sponge ball Ø 45 mm, 2 pcs
- Hose cleaning apparatus via air
- Manual grease pump
- Remote control cable 50 m
- Round file
- Tool box