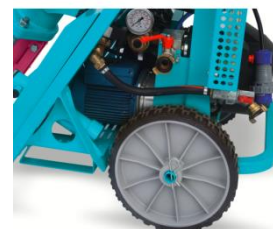


Koine 3.1

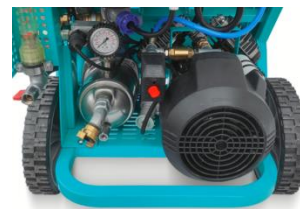
Continuous cycle spraying and mixing pump

Koine 3.1 230V/50Hz - 3.4 kW
1106307

Koine 3.1 Coat 230V/50Hz - 4.9 kW
1106308



Large-sized wheels (300 mm).



Removable compressor on board.



Hopper grate safety sensor.



Control panel with inverter and interactive display.

Easy to use even for the less experienced operator. A series of visual and audible diagnostic alerts makes every operation easier to perform.



High efficiency hydraulic system, with Calpeda self-priming electropump of generous dimensions, capable of 4.5 bar pressure, with stainless steel cap and brass impeller.

Description

The new Koine 3.1 is designed to be versatile and easy to use even by the less experienced operator, thanks to the proven Easy Start system and the interactive display.

Suitable for the application of all the premixed products contained in bags, with a particular aptitude for the application of structural mortars, dehumidifying materials and products for smoothing thermal insulation panels.

Koine 3.1 turns into a pump for ready-to-use paste smoothing products, injection mortars and grouting mortars, simply by turning a switch on the control panel and adjusting the material flow rate as you like. In particular, the "Coat" version is equipped with a 400 l / min piston compressor, optimized for the application of fiber-rich or highly viscous smoothing products.

Suitable for the application of:

Dry premixed materials (Dry mode)

- Mortars for gluing and smoothing thermal insulation panels
- Mortars for concrete / lime based structural reinforcement
- Restoring / dehumidifying mortars for masonry walls
- Binders / mortars for consolidation injections
- Lime / cement / gypsum based plasters
- Lime / cement / gypsum based smoothers
- Insulating plasters based on polystyrene or cork
- Cement / anhydride based self-levelling screeds
- Fireproofing mortars

Wet materials (Wet mode)

- Finishing coatings, mineral smoothers with silicates or quartz
- Waterproofing products, even fiber-reinforced
- Smoothers for elastomeric / water-repellent finishing
- Binders / mortars for consolidation injections
- Mortars for grouting /spacing

Standard Equipment

- D5-2.5 Monoflex Stator and Rotor (purple)
- Direct connection for material hose DN 35 F
- Material delivery pressure gauge
- Control panel with IMER A1 inverter
- 6 selectable speeds in **Dry Mode**
- Pumping speed progressive adjustment in **Wet Mode**
- Interactive display with alphanumeric codes
- IM250 diaphragm compressor on board (Koine 3.1)
- Fini VKM 402 piston compressor on board (Koine 3.1 Coat)
- Calpeda NGX2 self-priming stainless steel electropump
- Water system with flow meter and antifreeze discharge
- 20 m electric cable with 16 A plug
- 20 m water hose Ø 19 mm
- 16 m air hose Ø 13 mm
- 15 m material hose Ø 25 mm
- DN 25 gun for premixed with deflectors (Koine 3.1)
- Gun for smoothing with deflectors + DN 25 gun (Koine 3.1 Coat)
- Accessory box complete with washing accessories

Technical data		Koine 3.1	Koine 3.1 Coat
Power supply	-	230V/50Hz	230V/50Hz
Max installed power	kW	3.4	4.9
Mixing motor power	kW	2.2	2.2
Electropump motor power	kW	0.45	0.45
Electric compressor	kW - l/min	0.75 - 250	2.2 - 400
Material flow Dry mode*	l/min	7 - 17	7 - 17
Material flow Wet mode*	l/min	2.3 - 17	2.3 - 17
Pumping distance*	m	25	25
Pumping height*	m	15	15
Hopper capacity	l	75	75
Loading height	mm	1000	1000
Sound pressure level	dB (A)	< 76	< 79
Dimensions w / l / h	mm	660x1060x1500	660x1060x1500
Complete machine weight	kg	159	162

(*) The values indicated are subject to variations based on the characteristics of the materials used, their consistency, the type of stator / rotor installed and the size of the hose used.