

KOINE 3.1

CONTINUOUS MIXER / PUMP: CONTINUOUS PUMP FOR PREBLENDED CEMENTITIOUS

CONTINUOUS OPERATION WITH THE EXTRA BENEFIT OF WET OR DRY MODE

The Koine 3.1 is designed to be a continuous pump for feeding bags of dry material such as underlayment, mortar or grouts. But when you need to mix the material with lots of additives which require longer mixing times then switch to wet mode, use a separate mixer such as the Mix 120 and pour it into the hopper to use it as just a pump. This gives the flexibility and versatility to be used for any application. Rinse out the hopper when finished.



Self-priming water pump with stainless steel housing and brass impeller

Store all your accessories in this handy toolbox. Never lose pieces

Use in wet or dry mode depending on your needs

Add the optional compressor to mix and spray 16 bags of fireproofing per hour

Includes adjustable D8 - 1.5 rotor / stator complete with turbo mixer and pressure gauge

Clean out the hoses fast and effortlessly

Single-phase 3 HP motor with "turbo boost" to 5 HP

Inverter technology balances the power and monitors the electricity for maximum performance

6 speed settings deliver up to 120, 50lb bags per hour

100% duty cycle motors can run all day long



TURBO MIXER

The turbo mixer provides increased shear and blending of the material before it enters the hoses













Technical specifications

KOINE 3.1	
Model # (5 HP, Single-Phase)	1106351
Power supply	240/60Hz, single-phase
Max installed power	4.5 hp
Mixer motor power	2.9 hp
Electric pump motor power	0.6 hp
Electric compressor	1 - 8.8 KW-l/min
Dry mode material flow rate	1/4 - 3/5 cu ft/min
Wet mode material flow rate	.08 - 3/5 cu ft/min
Hopper volume	2.65 cu ft
Loading height	39"
Sound pressure level	< 76 dB
Dimensions w/l/h	26" x 41.7" x 59"
Complete package weight	350.5 lb
Packing size w/l/h	31.5" x 63" x 67"
Weight of the packed machine	507 lb

KOINE 3.1 APPLICATIONS

✓ Required ✓ Optional

Product / Part #	Pumping of grouts, self-leveling underlayments	Spraying fireproofing	Spraying mortar, stucco base coat (1/8" or more of build-up)	Spraying waterproofing, stucco, finish coat
 Dual-diaphragm compressor Part # 1107637		✓	✓	✓
 52' x 13 mm Air hose w/Geka - Part # 1107532 33' x 13 mm Air hose w/Geka - Part # 1107531		✓	✓	✓
 Mortar, stucco, and fireproofing gun kit Part # 1107005		✓	✓	✓
 Stucco and fine coatings gun kit Part # 1107010	✓	✓	✓	✓
 D5 - 2.5 Rotor - Part # 1107085 (requires manifold - part # 3223416)	✓	✓	✓	✓
 D5 - 2.5 Stator - Part # 1107084 (requires manifold - part # 3223416)	✓	✓	✓	✓
 D8 - 1.5 Rotor - Part # 1107031 (requires manifold - part # 3223416)	✓	✓	✓	✓
 D8 - 1.5 Stator - Part # 1107030 (requires manifold - part # 3223416)	✓	✓	✓	✓
 Manifold for D Series stators Part # 3223416	✓			
 5' Overhead wand Part # 1107549	✓	✓	✓	✓

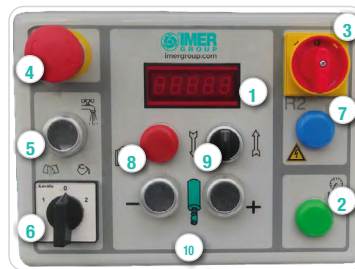
STANDARD EQUIPMENT



STANDARD ROTOR / STATOR
D8 - 1.5 Rotor with tab Part # 1107029

- Turbo mixer kit with material delivery pressure gauge
- Control panel w/ exclusive IMER 6-speed inverter
- Self-priming water booster pump
- Water system with flow meter and drainage valves
- 66' of power cord
- 66' of water hose Ø 19 mm (3/4")
- 50' of material hose Ø 25 mm (1")
- 35 mm to 25 mm reducer
- Hose cleaning kit with toolbox

CONTROL PANEL SINGLE-PHASE



- 1 Smart display panel
- 2 Current indicator light
- 3 ON/OFF switch
- 4 Emergency stop button
- 5 Manual water control
- 6 Water booster pump switch
- 7 Water pressure indicator
- 8 Mixing chamber safety sensor
- 9 Forward/Reverse
- 10 Rotor/stator speed control