

# KOINE 4

HF (HIGH FLOW) CONTINUOUS PUMP FOR PREBLENDED CEMENTITIOUS MATERIALS



TOGETHER **WE BUILD**



**KOINE 4** | Model # 1106004 | 220V/60Hz, 9 HP, 3 Phase

## A POWERFUL, VERSATILE CONTINUOUS PUMP

The Koine 4 continuous pump is designed to provide high levels of volume and production. The Koine 4 is used almost exclusively for mixing and pumping core fill grouts, wall grouts, and self-leveling underlayments for those projects where you need tremendous production. The Koine series of pumps make your mixing and pumping automatic.

✓ Electric motor is thermally protected

✓ Phase converter switch means you will not have to manually swap wires depending on the current's polarity

✓ Includes adjustable R8 - 1.5 rotor / stator  
Pressure: bar 15 (PSI 218)  
Flow rate at 400 rpm: 80 l/min (Gal/min 21)

✓ 100% duty-cycle 7.5HP electric motor with a gearbox drive reduction system

✓ When needed the mixing chamber and the compressor can be removed quickly to make it even easier to move the Koine 4 from place to place

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

✓ Use the stainless steel water pump to suck from a tank when there is no direct water supply



### TURBO MIXER

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

### DUST GRATE INCLUDED

Take control of dust. Easily attach IMER's iDUST® dust grate and attach a vacuum, watch the dust pull downward, away from operators.



## Technical specifications

	<b>KOINE 4</b>
Power	220v/60Hz, 3 phase
Total machine power	9 hp
Drive motor power	7.5 hp
Feeding impeller motor	1 hp
Water booster pump	1 hp 70 psi boost
Material flow rate	140 cu ft / h
Max. pumping distance - grouting/fireproofing*	200 ft +
Max. pumping distance - self-leveling*	300 ft +
Gearbox speed	400 rpm
Loading height	35-1/2 in
Dimensions	29 W x 47 L x 61-1/2 H in
Weight	574 lbs

(\*) The pumping distance will vary depending upon the type of material being used.

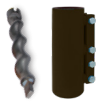
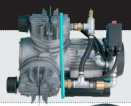











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## KOINE 4 APPLICATIONS

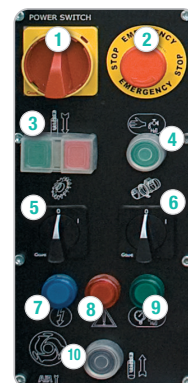
	Pumping of grouts, self-leveling underlayments	Spraying fireproofing	Low volume shotcrete	Decorative overlays
Product / Part #	A	B	C	D
 <b>STANDARD ROTOR / STATOR</b> R8 - 1.5 Rotor with tab - Part # 1107623 R8 - 1.5 Stator - Part # 1107622				
 Dual-diaphragm compressor, 3 phase Part # 1107680		✓	✓	
 52' x 13 mm Air hose w/Geka - Part # 1107532 33' x 25 mm Air hose w/Geka - Part # 1107531		✓	✓	
 Koine gun kit Part # 1107005		✓	✓	
 5' Overhead wand Part # 1107549		✓	✓	
 33' x 35 mm Material hose Part # 1107528	✓	✓	✓	✓
 35 mm - 25 mm Reducer Part # 1107565		✓	✓	
 R7 - 1.5 Rotor with tab Part # 1107664	✓	✓	✓	
 R7 - 1.5 Stator Part # 1107624	✓	✓	✓	
 R7 - 2.5 Rotor with tab Part # 1107667	✓	✓	✓	✓
 R7 - 2.5 Stator Part # 1107668	✓	✓	✓	✓
 Mixing paddle for light materials Part # 1107541		✓		
 Spray gun for Koine Part # 1107641			✓	

✓ Required    ✓ Optional

### STANDARD EQUIPMENT

- Dust grate with vacuum port
- R8 Stator and rotor with tab
- Turbo mixer kit with material delivery pressure gauge
- Gear-driven feed impeller
- Self-priming stainless steel water pump
- Water system with flow meter and drainage valves
- 35 mm hose cleanout adapter
- 133' electric cord
- 130' water hose Ø 19 mm (3/4")
- 33' material hose Ø 35 mm (1-3/8") with camlock fittings
- Integrated tool storage box
- Clean up kit (scraper and sponge)

### CONTROL PANEL THREE-PHASE



- 1 ON/OFF switch
- 2 Emergency stop button
- 3 Rotor/stator control
- 4 Manual water output switch
- 5 Feeding wheel ON/OFF
- 6 Water pump ON/OFF
- 7 Electrical current indicator
- 8 Emergency stoplight
- 9 Water pressure indicator
- 10 Reverse switch