

# KOINE 35

HF (HIGH FLOW) CONTINUOUS PUMP FOR PREBLENDED CEMENTITIOUS MATERIALS



TOGETHER **WE BUILD**



**KOINE 35** | Model # 1106051 | 5 HP, Single-Phase

## CONTINUOUS OPERATION MEANS EFFICIENT AND EFFECTIVE PRODUCTION

The Koine 35 mixer and pump is one of the most advanced and versatile production pumps on the market today. It is packed with features that allow it to tackle a multitude of applications, yet it is compact and highly portable, making it perfect for interior or high-rise building work. The Koine 35 is capable of continuous mixing, spraying, and pumping of pre-blended cementitious and gypsum-based mortars, stucco, fireproofing, self-leveling underlayments, and grouts.



- ✓ Store all your accessories in this handy toolbox. Never lose pieces
- ✓ The continuous feed impeller blade feeds your preblended material
- ✓ Add the optional compressor to mix and spray 16 bags of fireproofing per hour
- ✓ Includes adjustable D8 - 1.5 rotor / stator  
Pressure: bar 15 (PSI 218)  
Flow rate at 300 rpm: 26 l/min (Gal/min 7)

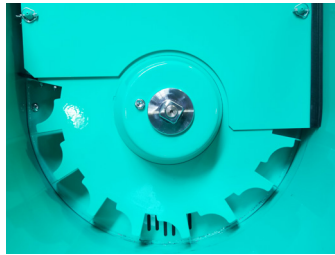
- ✓ Pump and spray up to 300 feet away
- ✓ Single-phase 3 HP motor with "turbo boost" to 5 HP
- ✓ Inverter technology balances the power and monitors the electricity for maximum performance
- ✓ 4-speed material flow rate delivers up to 120 - 50lb bags of self-leveling per hour
- ✓ Electric motor is thermally protected to protect from overheating

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



**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.

**CONTINUOUS FEED**  
The continuous feed impeller blade makes sure that materials are broken up and ready to be mixed while the angle of the delivery chute drops the materials into the mixing chamber at a controlled rate.



## Technical specifications

KOINE 35	
Power supply	220v/60Hz, single-phase
Total machine power requirement	5 hp
Drive motor	3 hp
Feeding impeller motor	1/2 hp
Water pump	1 hp
Material flow rate	Up to 60 cu ft/hr
Maximum pumping distance	300 ft
Loading height	36 in
Dimensions	27 W x 62 L x 47 H in
Weight	510 lbs

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


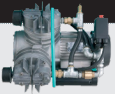









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## KOINE 35 APPLICATIONS

	A	B	C	D
 <b>STANDARD ROTOR / STATOR</b> D8 - 1.5 Rotor with tab Part # 1107029 D8 - 1.5 Stator Part # 1107028	Pumping of grouts, self-leveling underlayments	Spraying fireproofing	Spraying mortar, stucco base coat <i>(1/8" or more of build-up)</i>	Spraying waterproofing, stucco, finish coat
Product / Part #	A	B	C	D
 Dual-diaphragm compressor Part # 1107637		✓	✓	✓
 52' x 13 mm Air hose w/Geka - Part # 1107532 33' x 25 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	✓	✓	✓	✓
 SLU mixing paddle Part # 1107597	✓			
 5' Overhead wand Part # 1107549		✓	✓	
 50' x 25 mm Material hose - Part # 1107525 33' x 25 mm Material hose - Part # 1107526 16' x 25 mm Material hose - Part # 1107527	✓	✓	✓	✓

✓ Required    ✓ Optional

### STANDARD EQUIPMENT

- Dust grate with Vacuum port
- D8 - 1.5 stator and rotor w/tab
- Turbo mixer kit with material delivery pressure gauge
- Gear-driven feed impeller
- Control panel w/ exclusive IMER 4-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
- Mixing chamber clean out tool
- Air compressor-ready

### 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