

KOINE DUAL

CONTINUOUS MIXER / PUMP: HF (HIGH FLOW) CONTINUOUS PUMP FOR PREBLENDED CEMENTITIOUS MATERIALS

CONTINUOUS OPERATION MEANS EFFICIENT AND EFFECTIVE PRODUCTION

The Koine Dual continuous pumps make batching, mixing and pumping easy. Set the water level based on the material requirements and let the pump do the work. Break bags directly into the hopper as the feeding wheel delivers the dry material into the mixing chamber where metered water is introduced. A high shear mixing paddle spins up to 400 RPM on the Koine to whip the material up and discharges into the stator where the rotor creates the pressure to push the material into the hose. A rotor driven impeller ensures that the material is thoroughly mixed before it is placed. The Dual gets its name from having the ability to run on single phase or 3 phase. No more need to decide which one is right for you.



100% duty cycle electric motor is thermally protected from overheating

Run on 3 phase 208V, for full power or 240V single phase up to speed 7 of 8

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

Inverter technology balances the power and allows for 8 speeds on 3 phase as well as soft start

Storage tool box keeps your accessories in one convenient spot

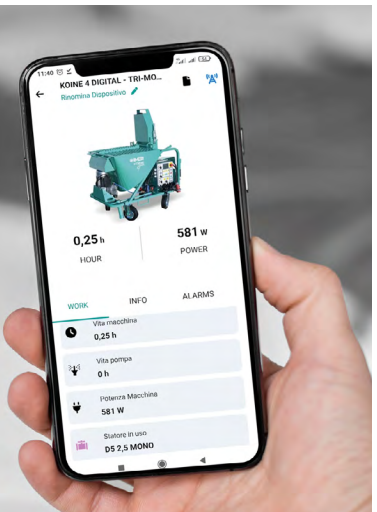
Allows up to 275 bags per hour of underlayment or similar bagged product

Add the optional compressor to spray premixed materials

Control panel has bluetooth connectivity to the app and the ability to store recipes.

LED backlit display indicates the status of the machine at all times

CONNECT TO THE APP



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

Koine Dual	
Model #	1106312
Power supply: 3 phase / single phase	208v / 240v
Total machine power	9 hp
Drive motor	7.5 hp
Feed impeller motor	1 hp
Water pump	1 hp
Material flow rate	Up to 140 cu ft/hr
Bags per hour (SLU)	275
Loading height	36 in
Dimensions w/l/h	29 in x 47 in x 62 in
Weight	574 lbs

KOINE DUAL APPLICATIONS

✓ Required ✓ Optional

Product / Part #	Spraying fireproofing	Spraying mortar, stucco base coat (1/8" or more of build-up)	Spraying waterproofing, stucco, finish coat	Pumping grouts and underlayments
 Dual-diaphragm compressor, single phase 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		✓	✓	
 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	✓	✓	✓	
 5' Overhead wand Part # 1107549	✓	✓	✓	
 35 mm - 25 mm Reducer Part # 1107565	✓	✓	✓	
 Spray gun for Koine Part # 1107641		✓		

STANDARD EQUIPMENT



STANDARD ROTOR

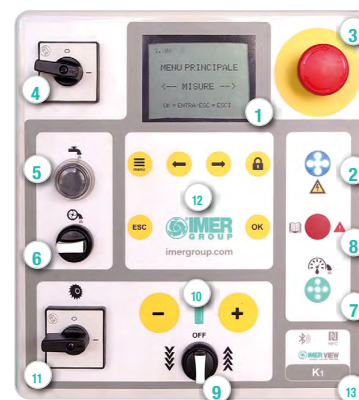
R8 - 1.5 Rotor with tab Part # 1107623

STANDARD STATOR

R8 - 1.5 Rotor with tab Part # 1107622

- Turbo mixer kit with material delivery pressure gauge
- Dust grate with vacuum port
- Control panel w/ exclusive IMER 8-speed inverter
- Self-priming water booster pump
- Water system with flow meter and drainage valves
- 133' of power cord
- 133' of water hose Ø 19 mm (3/4")
- 33' of material hose Ø 35 mm (1-3/8")
- 3 phase to single phase adapter
- 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 Emergency stop button
- 4 ON/OFF switch
- 5 Manual water valve switch
- 6 Water booster pump switch
- 7 Water pressure indicator
- 8 Error code indicator
- 9 Forward/Reverse
- 10 Rotor/stator speed control
- 11 Feeding wheel switch
- 12 Control panel settings
- 13 NFC/Bluetooth connectivity