

KOINE 4 EVO Hi-Flow

High flow continuous cycle mixing pump

50 Hz

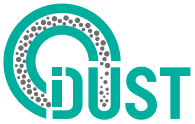
Koine 4 EVO Hi-Flow
400V/50Hz Tph - 6.8 kW
1106321

60 Hz

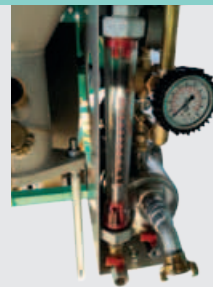
Koine 4 EVO Hi-Flow
230V/60Hz Tph - 6.8 kW
1106304

Recommended combination with:

I-DUST grate for Koine Dual / EVO
1108020



R8 stator and rotor pumping unit and turbo mixer as standard. The standard turbo mixer is essential to improve mixing and ensure the homogeneity of the pumped products. Integrated pressure monitor and connection for Ø 35 F hose.



Hydraulic system in anti-oxidation brass. Arrangement of the components designed to improve water drainage in winter. ING33 self-priming electropump, capable of 4.5 bar pressure and flow rate up to 2500 l/h, with stainless steel cap and brass impeller.

Description

High flow continuous cycle mixing pump, suitable for pumping large volumes of material in bags (up to 220 bags per hour).

Ideal for laying self-levelling screeds in bags with a minimum thickness of 2 cm.

Suitable for pumping dry premixed materials:

- Self-levelling cement-based screeds
- Self-levelling anhydride-based screeds
- Structural reinforcement mortars
- Grout / Core-Filling Grout
- Cork / polystyrene based insulating screeds
- Fireproofing materials

The product must be poured into the hopper of the machine directly from the bags.

To limit the dust during use, it is recommended utilizing I-Dust grate Code 1108020, connected to a powerful vacuum cleaner equipped with a cyclone filter for dust recovery.
Optional for 1106320 Koine EVO Hi-Flow 400V 50Hz.

The machine can be easily disassembled to facilitate transportation.

Operation

The bagged material is poured into the hopper, where a feeding wheel fills the mixing chamber continuously and constantly. The water necessary to obtain the mixture is injected into the mixing chamber by a stainless steel pump.

The water flow is kept constant through a particular stabilization system and controlled by a valve that starts or stops the flow if necessary.

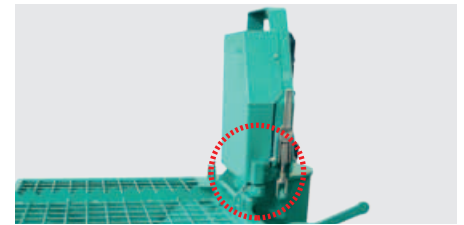
The amount of water in the mixture can be viewed in the flow meter and can be adjusted according to the needs through a micrometric valve.

The freshly mixed material is immediately sucked by the "Rotor-Stator" pumping system and is mixed a second time passing through the turbo mixer. Then it is pushed into the hoses until it reaches the opposite end to be laid.

Washing is simple, very fast and without water and material spilling in the work area. The only area that needs to be cleaned is the one where the mixture takes place. The unused dry material can remain in the hopper and be removed if necessary, by opening the appropriate discharge plug at the bottom of the hopper.

Koine 4 EVO Hi-Flow is equipped with safety devices and devices for protecting electric motors from overloads with light signals:

- Correct line / phase presence
- Overload alarm (magnetothermic intervention)
- Presence of optimal water pressure
- Stand-by remote control status
- Self-resetting thermal protector intervention in the mixing motor



Mixing chamber opening safety sensor.



New hopper design, larger (140 l).



Cooling air flow diverter of the mixer motor, to avoid the spread of dust in the work environment during bag loading.



A simple control panel and electrical system, designed to reduce the number of components and parts most subject to wear, significantly increasing reliability and longevity. Equipped with manual phase inverter with light signals for correct phase, overload alarm, optimal water pressure and stand-by remote control status.



Low voltage ON / OFF remote control, with 16 m cable as standard. Small, lightweight and ergonomic.

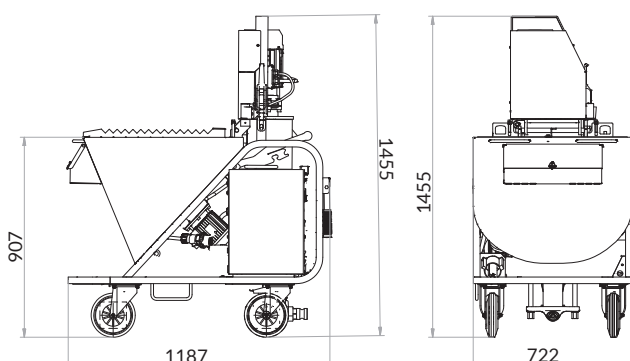
Standard Equipment

Stator and Rotor R8 - 1.5 (Black)
Material delivery pressure gauge
Feeding wheel gearmotor
Power supply and control panel
INGX3 stainless steel self-priming electropump
Brass water system with flow meter and with ANTIFREEZE discharge
20 m electric cable
40 m water hose Ø 19 mm
10 m material hose Ø 35 mm with quick couplings
Built-in accessory box
Cleaning accessories (scraper and sponge)
High efficiency turbo mixer
16 m on-off wire control
Rotor replacement wrench

Technical data

Power supply	-	400V/50Hz 230V/60Hz
Max installed power	kW	6.8
Mixing motor power	kW	5.5
Feeding wheel gearmotor power	kW	0.75
Electropump motor power	kW	0.55
Material flow*	l/min	80
Pumping distance*	m	60
Pumping height*	m	30
Hopper capacity	l	140
Loading height	mm	900
Sound pressure level	dB (A)	< 80
Machine dimensions w / l / h	mm	722/1187/1455
Machine weight	kg	250
Packed machine dimensions w / l / h	mm	840/1200/1250
Packed machine weight	kg	340

(*) 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.



Accessories for customized setups

Stators and rotors Series "D"

Compatible with:

KOINE DUAL in STANDARD POWER **MONO** mode

KOINE 35 EVO

D5-2.5 Purple

➡ Recommended for:

- Gypsum / lime / cement based plasters
- Stucco
- Structural plasters, even fiber-reinforced
- Restorative plasters
- Binders / mortars for injections
- Structural reinforcement mortars
- Fireproofing

Pressure (bar) 25

Maximum grain size (mm) 4

Flow (l / min) 17

1107038



Stator D5-2.5 MONO

1107039



Rotor D5-2.5
MONOFLEX

1107084



Stator D5-2.5
MONO CLAMP

1107085



Rotor D5-2.5 MONO

1107162



Rotor D5-2.5 MONO
with tab

D8-1.5 Green

➡ Recommended for:

- Grout / Core-fill Grout
- Structural reinforcement mortars
- Self-levelling cement-based screeds
- Self-levelling anhydride-based screeds
- Polystyrene based thermal insulating screeds
- Insulating plasters based on polystyrene or cork
- Fireproofing

Pressure (bar) 15

Maximum grain size (mm) 5

Flow (l / min) 26

1107030



Stator D8-1.5
MONO CLAMP

1107031



Rotor D8-1.5 MONO

1107029



Rotor D8-1.5
with tab - Ocher

D4-1/2 Lemon Yellow

➡ Recommended for:

- Glues for coatings

Pressure (bar) 25

Maximum grain size (mm) 3

Flow rate (l / min) 9

1107032



Stator D4-1/2 CLAMP

1107033



Rotor D4-1/2

Stators and rotors Series "R"

Compatible with:

KOINE DUAL in TOP POWER **TRI** and HI POWER **MONO** modes

KOINE 4 EVO

KOINE 4 EVO Hi Flow

R7-1.5 Mustard

➡ Recommended for:

- Self-levelling cement-based screeds
- Self-levelling anhydride-based screeds
- Binders / mortars for injections
- Structural reinforcement mortars
- Grout / Core-fill Grout

Pressure (bar) 15

Maximum grain size (mm) 5

Flow rate (l / min) 60

1107624



Stator R7 - 1.5

1107664



Rotor R7-1.5 with tab

R7-2.5 Brown

➡ Recommended for:

- Self-levelling cement-based screeds
- Binders / mortars for injections
- Structural reinforcement mortars
- Grout / Core-fill Grout
- Fireproofing

Pressure (bar) 25

Maximum grain size (mm) 7

Flow rate (l / min) 40 at 400 rpm

1107668



Stator R7 - 2.5

1107667



Rotor R7 - 2.5 with tab

Accessories for customized setups

Stators and rotors Series "R"

Compatible with:

KOINE 4 EVO Hi Flow

R8-1.5 Black

➔ Recommended for:

- Self-levelling cement-based screeds
- Self-levelling anhydride-based screeds
- Structural reinforcement mortars
- Grout / Core-Filling Grout
- Cork / polystyrene based insulating screeds

Pressure (bar) 15

Maximum grain size (mm) 5

Flow rate (l / min) 80

1107622



Stator R8 - 1.5

1107623



Rotor R8-1.5 with tab

Accessories for customized setups

KOINE 35 G EVO

Exclusive accessories for customizing Koine 35 G EVO 230V / 60Hz Sph Code 1106315 - Spray applications

1107637



Compressor IM250
230V / 60Hz Sph

1107217



Premixed spray kit

Accessories for customized setups

KOINE DUAL KOINE 4 EVO KOINE 4 EVO Hi-Flow KOINE 35 EVO

1107542



Standard mixer

1107597



Mixer for self-levelling
floor screeds

1107541



Mixer for lightened
materials

1108019



Adapter flange for
stators "R" series
273x115 mm

1106325



Turbo mixer for stators
"R" series 273x115 mm

1107517



Turbo mixer for "D"
series stators.
Diameter 90 mm

1107540



Spray gun for traditional
/ premixed plaster with
Ø 14 duse

1107549



Spray gun Ø 25 F, 1.43
m long for fireproofing
and premixed plaster

1107570



U-shaped steel pipe
Ø 25

1107011



Spray gun for finishing coat / without
defectors. Spraying of glues for
thermal insulation coatings.

1107604



Deflector kit 5-6-8-12-16 tempered
stainless steel

1108008



Remote control 16 m
for A1 switch board

1108009



Remote control
extension 15 m for A1
switch board

1108007



Pressure control
unit with adjustable
pressure switch 0.2-5
bar for A1 switch board

KOINE DUAL KOINE 4 EVO KOINE 4 EVO Hi-Flow KOINE 35 EVO

1107610



Piston compressor C400 230V/50Hz 2.2 kW

➡ Recommended for:

- Spraying of products with section fibers with significant length and thickness
- Glues for thermal insulating coverings
- Smoothers for plaster
- Waterproofing, including fiber-reinforced ones

1107500



Single filter blower hood for
Koine 4/35/Dual
(level sensor not included)

1108020



I-DUST grate for
Koine 4/35/Dual/
EVO

1107551

10 pcs kit deflectors Ø 10 (Duse) in
polyurethane for premixed plaster

1107557

5 pcs kit deflectors Ø 10 in
polyurethane for traditional plaster

1107552



10 pcs kit deflectors Ø 12 (Duse) in
polyurethane for premixed plaster

1107558

5 pcs kit deflectors Ø 12 in
polyurethane for traditional plaster

1107553



10 pcs kit deflectors Ø 14 (Duse) in
polyurethane for premixed plaster

1107559

5 pcs kit deflectors Ø 14 in
polyurethane for traditional plaster

1107554

10 pcs kit deflectors Ø 16 (Duse) in
polyurethane for premixed plaster

1107560

5 pcs kit deflectors Ø 16 in
polyurethane for traditional plaster

1107525

Material hose Ø 25 - 15 m with
camlock coupling

1107532

Air hose Ø 13 - 16 m with quick
couplings

1107526



Material hose Ø 25 - 10 m with
camlock coupling

1107531



Air hose Ø 13 - 10 m with quick
couplings

1107527

Material hose Ø 25 - 5 m with camlock
coupling

1107528

Material hose Ø 35 - 10 m with
camlock coupling

1107530

Air hose Ø 13 - 5 m with quick
couplings

1107074

Material hose Ø 25 M35 / M25 L5 m
with camlock coupling

1107087



Cleaning kit for Ø 35 hoses
Accessory for cleaning Ø 35 hoses
with air or water

1107565



Camlock coupling adapter
Ø 35 F - Ø 25 M

1107103



Cleaning kit for Ø 25 hoses
Accessory for cleaning Ø 25 hoses
with air or water

1107519



Kit 10 pcs sponge balls for cleaning Ø
25 hoses

1107520



Kit 10 pcs sponge balls for cleaning Ø
35 hoses