

KOINE 4 EVO

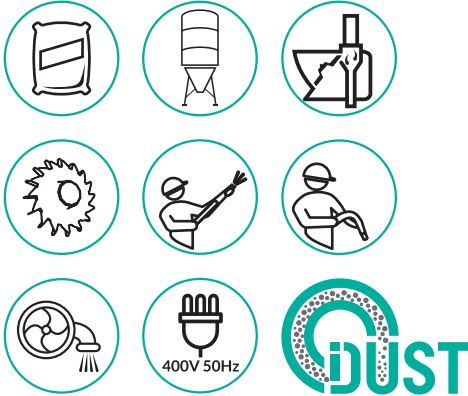
Continuous cycle spraying and mixing pump

50 Hz

Koine 4 400V/50Hz Tph - 7.45 kW
1106305

60 Hz

Koine 4 400V/60Hz Tph - 7.45 kW
1106302



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 a manual phase inverter with light signals to identify the correct phase, overload alarm, optimal water pressure and stand-by control status (air closed).

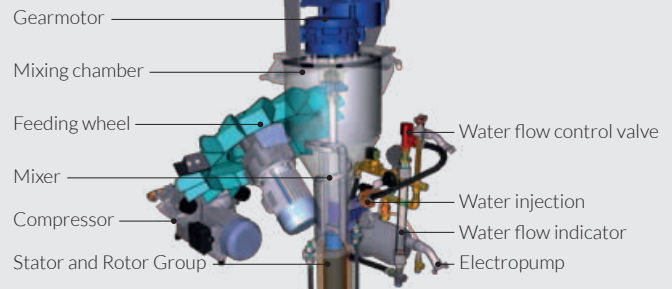
Description

Continuous cycle mixing pump, suitable for pumping or spraying dry premixed materials:

- Cement / lime / gypsum plaster based
- Structural reinforcement mortars
- Structural plasters
- Restorative plasters
- Stucco
- Binders / mortars for injections
- Grout / Core-Fill Grout
- Glues for thermal insulation coatings
- Thermal insulating screeds based on cork or polystyrene
- Insulating plasters based on polystyrene or cork
- Fireproofing mortar
- Self-levelling cement-based screeds
- Self-levelling anhydride-based screeds

Bagged dry materials are poured into the dry hopper of the machine directly, or the machine can be loaded automatically from a silo even at considerable distances (over 100 m) using the Storm Plus conveyor system and a special blower hood complete of air / dust separator filter to be placed in the hopper of the machine.

Koine 4 EVO can be easily disassembled to facilitate transportation.



Operation

The bagged material, or product coming from the silo, 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 technical 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 material is mixed with water and immediately sucked by the eccentric screw pump and pushed into the pipe until it reaches the end of the spray gun. From here, with the help of the air supplied by the standard integrated compressor, it is sprayed on the application area, from a distance of about 20 cm. The material flow can be started or stopped directly from the spray gun by opening or closing the air valve.

Washing is simple, very fast and without water 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.

The Koine 4 EVO 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 control status (air closed)
- Self-resetting thermal protector intervention in the mixing motor

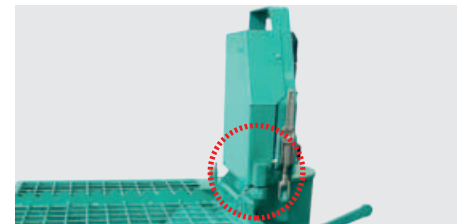
In addition to the electromechanical part, the electrical panel contains a compressed air system inside, with a service pressure gauge useful for any checks.



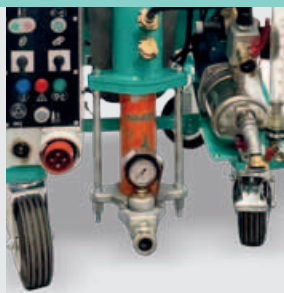
New hopper design, larger (140 l).



Grate with bag breaker.



Mixing chamber opening safety sensor.



Cast iron material delivery manifold with pressure gauge. Direct connection for Ø35 F hose. It allows to extend the hoses up to 50 m with the minimum increase in working pressure. The reduction to apply the Ø 25 hose is included in the standard equipment.



Placement of the components designed to improve water drainage in winter. Self-priming electric pump of generous dimensions, capable of 4.5 bar of pressure, with stainless steel cap and brass impeller.

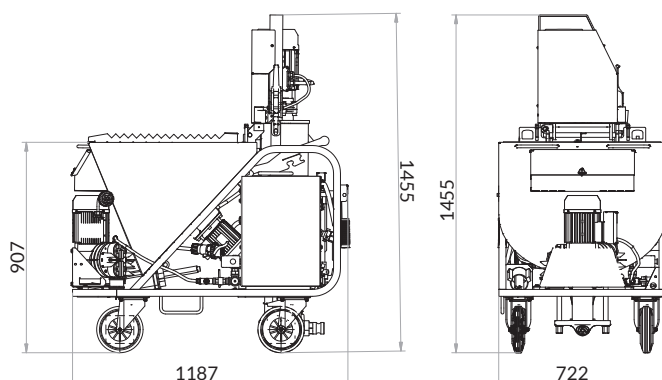
Standard Equipment

Stator and Rotor D6-3
Material delivery pressure gauge
Feeding wheel gearmotor
Power supply and control panel
INGX2 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
15 m material hose Ø 25 mm with quick couplings
16 m air hose Ø 13 mm with quick couplings
Built-in accessory box with gun and reduction Ø 35 - Ø 25
Cleaning accessories (scraper and sponge)
Rotor replacement wrench

Technical data

Power supply	-	400V 50/60Hz
Max installed power	kW	7.45
Mixing motor power	kW	5.5
Feeding wheel gearmotor power	kW	0.75
Electropump motor power	kW	0.45
Membrane compressor	-	0.75 kW - 250 l / min
Material flow*	l/min	22
Pumping distance with Ø 25 mm hose*	m	25
Pumping distance with Ø 35 mm hose*	m	50
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	263
Packed machine dimensions w / l / h	mm	840/1200/1250
Packed machine weight	kg	355

(*) 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.



Setups for specific applications **KOINE 4 EVO**

B Koine 4 EVO



➡ Accessories for thermal plaster, lightened screed and fireproofing mortars

1107028 Stator D8-1.5 - CLAMP Ocher yellow
1107029 Rotor D8-1.5 with pin - Ocher yellow
1107541 Mixer for lightened materials
1107517 Turbo mixer

C Koine 4 EVO



➡ Accessories for thermal plaster, cork / polystyrene based lightened screeds and fireproofing mortars. Without turbo mixer

1107028 Stator D8-1.5 - CLAMP Ocher yellow
1107031 Rotor D8-1.5 MONO CLAMP - GREEN
1107541 Mixer for lightened materials

D Koine 4 EVO



➡ It works only with DN35 hoses. Cement / anhydride based self-levelling screeds. Flow rate 60 l/min at 400 rpm

1106325 Turbo mixer for stators "R" series
1108019 Adapter flange for stators "R" series
1107624 Stator R 7-1.5 mustard
1107664 Rotor R7-1.5 with pin
1107528 Material hose Ø 35 - 10 m

Setups for specific applications **KOINE 35 EVO**

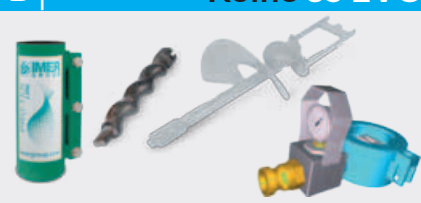
A Koine 35 EVO



➡ Recommended for cement / anhydride based self-levelling screeds. Flow rate 28 l/min at 300 rpm.

1107030 Stator D8-1.5 MONO CLAMP
1107031 Rotor D8-1.5 MONO - GREEN
1107597 Mixer for self-levelling floor screeds
1108008 Wired remote control 16 m

B Koine 35 EVO



➡ Accessories for thermal plaster, lightened screed and fireproofing mortars

1107030 Stator D8-1.5 MONO CLAMP
1107029 Rotor D8-1.5 with pin - Ocher yellow
1107541 Mixer for lightened materials
1107517 Turbo mixer

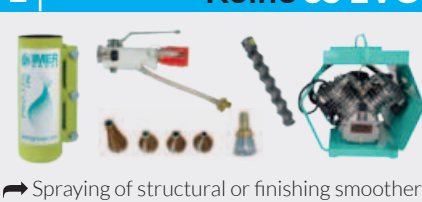
C Koine 35 EVO



➡ Accessories for thermal plaster, cork / polystyrene based lightened screeds and fireproofing mortars. Without turbo mixer

1107030 Stator D8-1.5 MONO CLAMP
1107031 Rotor D8-1.5 MONO - GREEN
1107541 Mixer for lightened materials

E Koine 35 EVO



➡ Spraying of structural or finishing smoothers with thickness up to 3 mm. For some particular products it is possible to optimize finishing with the C400 piston compressor, based on your own preferences.

1107011 Spray gun for finishing coat / filling / injections without deflectors
1107604 Deflector kit 5-6-8-12-16 steel hardened stainless steel
1107032 Stator D 4-1/2 CLAMP
1107033 Rotor D 4-1/2
1107610 Piston compressor C400 230V/50Hz 2.2 kW

Accessories for customized setups

Stators and rotors Series "D"

Compatible with:

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

KOINE 4 EVO

D6-3 Orange

➡ Recommended for:

- Cement / lime / gypsum plaster based
- Stucco
- Binders / mortars for injections
- Glues for thermal insulation coatings
- Fireproofing
- Self-levelling screeds for thicknesses up to 1.5 cm

Pressure (bar) 30

Maximum grain size (mm) 3

Flow rate (l / min) 20

1107020



Stator D6-3

1107021



Rotor D6-3

1107017



Rotor D6-3 FLEX

1107163



Rotor D6-3 with tab

1107037



Stator D6-3
NO SPINNING

D5-2.5 Gray

➡ Recommended for:

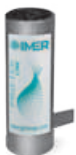
- Cement / lime based plasters
- Structural plasters
- Restorative plasters
- Structural reinforcement mortars
- Grout / Core-Fill Grout
- Fireproofing

Pressure (bar) 25

Maximum grain size (mm) 3

Flow rate (l / min) 25

1107040



Stator D5-2.5
NO SPINNING

1107023



Rotor D5-2.5

1107044



Rotor D5-2.5 FLEX

D7-2.5 White

➡ Recommended for:

- Cement / lime based plasters
- Structural plasters
- Restorative plasters
- Structural reinforcement mortars
- Grout / Core-Fill Grout
- Fireproofing

Pressure (bar) 25

Maximum grain size (mm) 4

Flow rate (l / min) 27

1107041



Stator D7-2.5
NO SPINNING

1107025



Rotor D7-2.5

D8-2 Black

➡ Recommended for:

- Grout / Core-Fill Grout
- Self-levelling cement-based screeds
- Self-levelling anhydride-based screeds
- Structural reinforcement mortars
- Fireproofing

Pressure (bar) 20

Maximum grain size (mm) 3

Flow rate (l / min) 34

1107042



Stator D8-2
NO SPINNING

1107027



Rotor D8-2

1107043



Rotor D8-2 FLEX

D8-1.5 Ocher yellow

➡ Recommended for:

- Self-levelling anhydride-based screeds
- Thermal insulating screeds based on cork or polystyrene
- Insulating plasters based on polystyrene or cork
- Structural reinforcement mortars
- Grout / Core-Fill Grout

Pressure (bar) 15

Maximum grain size (mm) 5

Flow rate (l / min) 38

1107028



Stator D8-1.5
CLAMP

1107031



Rotor D8-1.5 MONO
Green

1107029



Rotor D8-1.5 with tab

D4-1/2 Lemon Yellow

➡ Recommended for:

- Glues for coatings
- Finish coat

Pressure (bar) 25

Maximum grain size (mm) 3

Flow rate (l / min) 13

1107032



Stator for grouting
D4-1 / 2 CLAMP

1107033



Rotor D4-1 / 2

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