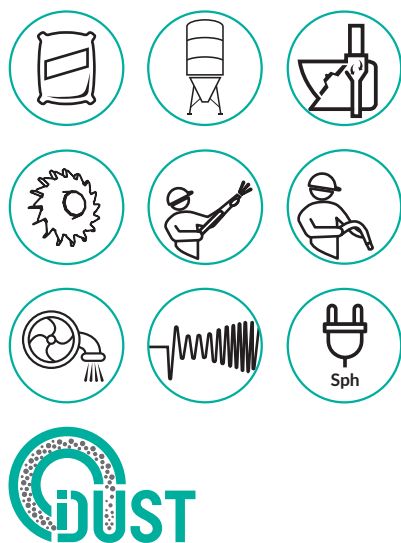


# KOINE 35 EVO

Continuous cycle spraying and mixing pump

Koine 35 EVO 230V/50Hz Sph - 3.85 kW  
1106306



Control panel with inverter and interactive display. Easy to use also for the operator less experienced. A series of visual and acoustics diagnostic alerts makes every operation easier to perform: **H2O, BLOCC, STOP, ERR08, ecc...**

## Description

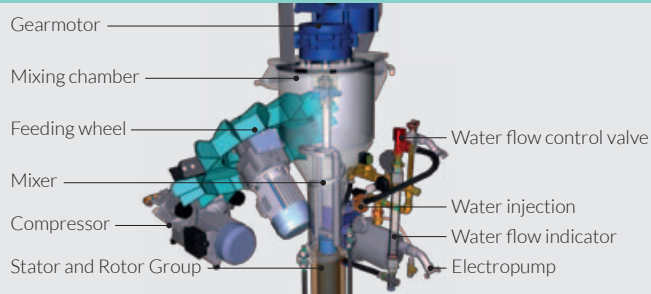
Continuous cycle mixing pump, suitable for pumping or spraying all dry premixed materials:

- Cement / lime / gypsum plaster based
- Structural reinforcement mortars
- Structural plasters
- Restorative plasters
- Stucco
- 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
- Mortars for fire protection

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.

The high efficiency of the electrical components, including the exclusive IMER A1 inverter, allows the Koine 35 EVO to work even with the minimum electrical power available in most homes (3 kW). Select the most suitable among the four pumping speeds available, which can be shown on the display.

The machine can be easily disassembled to facilitate transportation.



## Operation

The bagged material, or material 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 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 material is mixed with water and immediately sucked by the eccentric screw pump and pushed into the hoses 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 and material spilling in the work area. The only area that needs to be cleaned is the one where the mixture takes place, while 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 35 EVO is equipped with safety protections that immediately stop the electric motors if the mixing chamber is opened, signaling the event with an indicator light and an indication on the display. The machine is also equipped with status diagnostics, which ensures electrical protection in any case of system overload or use anomaly.

# KOINE 35 G EVO

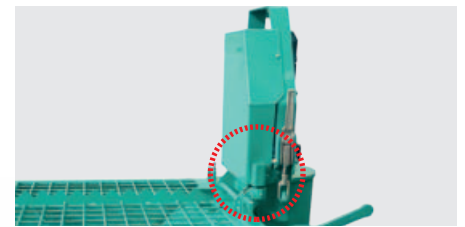
## Continuous cycle mixing pump

**Koine 35 G EVO** 230V/60Hz Sph - 2.9 kW  
with I-Dust grate  
**1106315**

Koine 35 G EVO is a single-phase direct mixing pump particularly suitable for mixing and pumping of grouts and self-levelling screeds.

The exclusive I-Dust grate significantly limits the dispersion of dust in the surrounding environment.

It is equipped with double mixing system and high flow pumping unit (26 l/min).



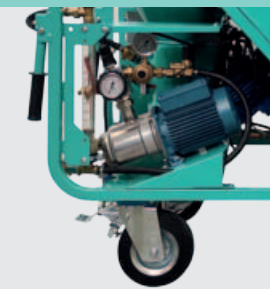
Mixing chamber opening safety sensor.



New feeding wheel design with larger cells to improve the collection of fiber materials.



Anti-tipping bracket for forklift.



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.



Cast iron material delivery manifold with pressure gauge. Direct connection for Ø35 F hoses. It allows to extend the pipes up to 30 m with the minimum increase in working pressure. The reduction to apply the Ø 25 hose is included in the standard equipment.

### Standard Equipment KOINE 35 EVO

|                                                                                |
|--------------------------------------------------------------------------------|
| Standard mixer                                                                 |
| Stator and Rotor D5-2.5 Monoflex (Purple)                                      |
| Material delivery pressure gauge                                               |
| Control panel with exclusive IMERA1 (4-speeds inverter and diagnostic display) |
| INGX2 stainless steel self-priming electropump                                 |
| Brass water system with flow meter and with ANTIFREEZE discharge               |
| 20 m electric cable with 16 A plug                                             |
| 20 m water hose Ø 19 mm                                                        |
| 16 m air hose Ø 13 mm                                                          |
| 15 m material hose Ø 25 mm                                                     |
| Spray gun with deflectors                                                      |
| Built-in accessory box complete with washing sponge and nozzle cleaner         |
| Scraper                                                                        |
| Camlock adapter Ø 35F - Ø 25M                                                  |
| Rotor replacement wrench                                                       |

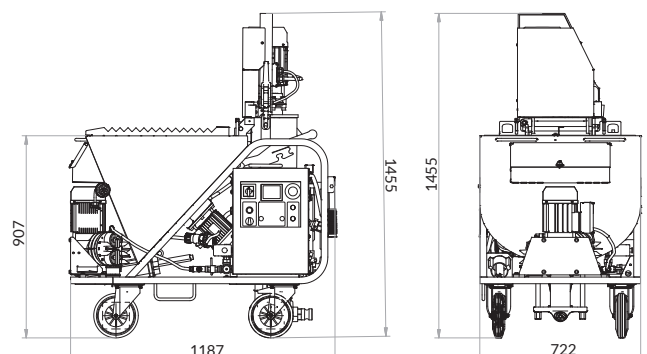
### Standard Equipment KOINE 35 G EVO

|                                                                                |
|--------------------------------------------------------------------------------|
| Standard mixer                                                                 |
| Stator and Rotor D8-1.5 Clamp (Ocher Yellow)                                   |
| I-Dust grate                                                                   |
| Turbo mixer                                                                    |
| Material delivery pressure gauge                                               |
| Control panel with exclusive IMERA1 (4-speeds inverter and diagnostic display) |
| INGX2 stainless steel self-priming electropump                                 |
| Brass water system with flow meter and with ANTIFREEZE discharge               |
| 20 m electric cable with 16 A plug                                             |
| 20 m water hose Ø 19 mm                                                        |
| 15 m material hose Ø 25 mm                                                     |
| Built-in accessory box complete with washing sponge                            |
| Scraper                                                                        |
| Camlock adapter Ø 35F - Ø 25M                                                  |
| Rotor replacement wrench                                                       |

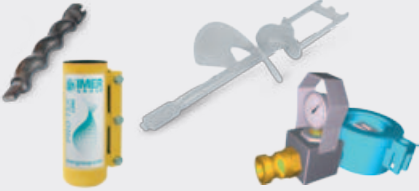
### Technical data

|                                     |        | Koine 35 EVO        | Koine 35 G EVO |
|-------------------------------------|--------|---------------------|----------------|
| Power supply                        | -      | 230V/50Hz           | 230V/60Hz      |
| Max installed power                 | kW     | 3.85                | 3.1            |
| Mixer motor power                   | kW     | 2.2                 | 2.2            |
| Feeding wheel gearmotor power       | kW     | 0.45                | 0.45           |
| Electropump motor power             | kW     | 0.45                | 0.45           |
| Electric compressor                 | -      | 0.75 kW - 250 l/min | -              |
| Material flow*                      | l/min  | 7-17                | 11-26          |
| Pumping distance with Ø 25 mm hose* | m      | 25                  | 30             |
| Pumping distance with Ø 35 mm hose* | m      | 40                  | 50             |
| Pumping height*                     | m      | 15                  | 20             |
| Hopper capacity                     | l      | 140                 | 140            |
| Loading height                      | mm     | 900                 | 900            |
| Sound pressure level                | dB (A) | < 76                | < 76           |
| Machine dimensions w / l / h        | mm     | 722/1187/1455       | 722/1187/1455  |
| Machine weight                      | kg     | 255                 | 232            |
| Packed machine dimensions w / l / h | mm     | 840/1200/1250       | 840/1200/1250  |
| Packed machine weight               | kg     | 325                 | 302            |

(\*) 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>B Koine 4 EVO</b>                                                              |  |
|-----------------------------------------------------------------------------------|--|
|  |  |
| ➡ Accessories for thermal plaster, lightened screed and fireproofing mortars      |  |
| <b>1107028</b> Stator D8-1.5 - CLAMP Ocher yellow                                 |  |
| <b>1107029</b> Rotor D8-1.5 with pin - Ocher yellow                               |  |
| <b>1107541</b> Mixer for lightened materials                                      |  |
| <b>1107517</b> Turbo mixer                                                        |  |

| <b>C Koine 4 EVO</b>                                                                                                        |  |
|-----------------------------------------------------------------------------------------------------------------------------|--|
|                                           |  |
| ➡ Accessories for thermal plaster, cork / polystyrene based lightened screeds and fireproofing mortars. Without turbo mixer |  |
| <b>1107028</b> Stator D8-1.5 - CLAMP Ocher yellow                                                                           |  |
| <b>1107031</b> Rotor D8-1.5 MONO CLAMP - GREEN                                                                              |  |
| <b>1107541</b> Mixer for lightened materials                                                                                |  |

| <b>D Koine 4 EVO</b>                                                                                            |  |
|-----------------------------------------------------------------------------------------------------------------|--|
|                              |  |
| ➡ It works only with DN35 hoses. Cement / anhydride based self-levelling screeds. Flow rate 60 l/min at 400 rpm |  |
| <b>1106325</b> Turbo mixer for stators "R" series                                                               |  |
| <b>1108019</b> Adapter flange for stators "R" series                                                            |  |
| <b>1107624</b> Stator R 7-1.5 mustard                                                                           |  |
| <b>1107664</b> Rotor R7-1.5 with pin                                                                            |  |
| <b>1107528</b> Material hose Ø 35 - 10 m                                                                        |  |

## Setups for specific applications **KOINE 35 EVO**

| <b>A Koine 35 EVO</b>                                                                             |  |
|---------------------------------------------------------------------------------------------------|--|
|                 |  |
| ➡ Recommended for cement / anhydride based self-levelling screeds. Flow rate 28 l/min at 300 rpm. |  |
| <b>1107030</b> Stator D8-1.5 MONO CLAMP                                                           |  |
| <b>1107031</b> Rotor D8-1.5 MONO - GREEN                                                          |  |
| <b>1107597</b> Mixer for self-levelling floor screeds                                             |  |

| <b>B Koine 35 EVO</b>                                                               |  |
|-------------------------------------------------------------------------------------|--|
|  |  |
| ➡ Accessories for thermal plaster, lightened screed and fireproofing mortars        |  |
| <b>1107030</b> Stator D8-1.5 MONO CLAMP                                             |  |
| <b>1107029</b> Rotor D8-1.5 with pin - Ocher yellow                                 |  |
| <b>1107541</b> Mixer for lightened materials                                        |  |
| <b>1107517</b> Turbo mixer                                                          |  |

| <b>C Koine 35 EVO</b>                                                                                                       |  |
|-----------------------------------------------------------------------------------------------------------------------------|--|
|                                         |  |
| ➡ Accessories for thermal plaster, cork / polystyrene based lightened screeds and fireproofing mortars. Without turbo mixer |  |
| <b>1107030</b> Stator D8-1.5 MONO CLAMP                                                                                     |  |
| <b>1107031</b> Rotor D8-1.5 MONO - GREEN                                                                                    |  |
| <b>1107541</b> Mixer for lightened materials                                                                                |  |

# 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  
(only Koine three-phase)

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  
deflectors. 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  
(only Koine Dual)

1108009



Remote control  
extension 15 m for A1  
switch board  
(only Koine Dual)

1108007



Pressure control  
unit with adjustable  
pressure switch 0.2-5  
bar for A1 switch board  
(only Koine Dual)

## 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 (only Koine Dual)

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