



Feeding with fluid products contained in vessels



Feeding from bags



Feeding from silo



Manual feeding of loose aggregates



Feeding from large mixers



Direct mixing pump



Indirect mixing plastering pump



Compressed air conveyer



Planetary vertical axis mixer



Continuous horizontal axis mixer



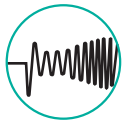
Spraying pump



Cast with open hose



Airless pump



Exclusive IMER variable speed inverter



Single-phase



Three-phase



Petrol engine



Diesel engine



Forced feed hopper with feeding wheel



Electropump



IMERVIEW remote control system



Advanced dust control system

## Electric Motors available

50 Hz

115V/50Hz Sph

230V/50Hz Sph

400V/50Hz Tph

60 Hz

115V/60Hz Sph

230V/60Hz Sph

230V/60Hz Tph

400V/60Hz Tph

50/60 Hz

115V 50/60Hz Sph

230V 50/60Hz Sph

400V 50/60Hz Tph

## NO MORE DUST ON THE SITE!

I-Dust gates by IMER provide a considerable reduction in the diffusion of dust while bagged material is poured onto the drum and during the mixing phase. The I-Dust gate must be connected to a vacuum cleaner. Ideal for indoor work!



Available for series:

- Spin
- Mix
- Koine

I-Dust gate significantly limits the dispersion of dust in the surrounding environment!



Minimum requirements of the recommended vacuum cleaner for connection with I-Dust gate:

- 1400 W
- Cyclone filter

# SPIN 15 A

Continuous cycle mixer for premixed products

50 Hz

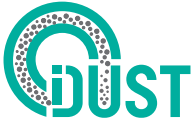
**Spin 15 A Z-Clean** 230V/50Hz Sph - 1.85 kW  
1106155 **NEW**

60 Hz

**Spin 15 A** 115V / 60Hz Sph 1.85 kW with I-Dust grate  
1106340

**Spin 15 A** 230V / 50Hz Sph 1.85 kW  
1106102

**Spin 15 A** 230V / 60Hz Sph 1.85 kW  
1106101



Exclusive I-Dust grate  
It significantly reduces the dust  
caused by opening the bags (optional).

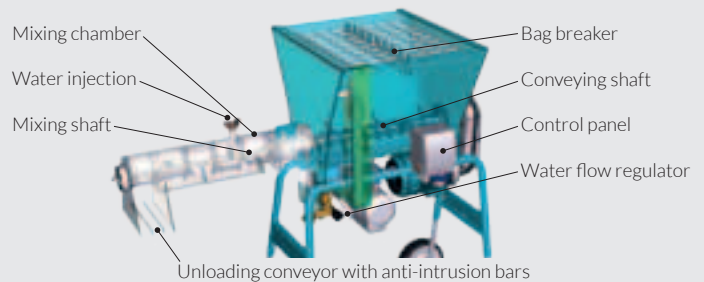


**Spin 15 A Z-Clean**  
Z-Clean version with **SELF-CLEANING**  
rubber mixing chamber.



Professional components:

- Self-priming electropump in stainless steel
- Water flow descaling regulator
- Quick acting solenoid valve
- Double water filtering system
- Drainable antifreeze system



## Description

Simple to use continuous cycle mixer for premixed products. It is lightweight for handling and easy to clean at the end of the day.

Equipped with an exclusive parallel-axis gearmotor and electronic starter, it is ideal for quickly mixing most dry premixed products with water. Easily adjust the loading / unloading height to allow for a minimal effort for loading.

In Z-Clean version, the rubber pipe reduces the accumulation of residual material in the mixing chamber and allows easier and faster cleaning at the end of the work. The rubber material reduces noise emissions and increases the operator's comfort in closed environments.

It is suitable for mixing premixed products:

- Premixed cement screed (also with fibers)
- Lightened screed pre-dosed with expanded clay with grain size <16 mm
- Lightened premixed screed with polystyrene
- Cement based plasters
- Lime based plasters
- Structural plasters with microfibers
- Restorative plasters
- Binders / mortars for injections
- Insulating plasters based on polystyrene or cork
- Mortars for structural reinforcement
- Masonry mortar
- Concrete for castings max grain size <8mm
- Self-levelling cement based screeds
- Self-levelling anhydride based screeds
- Thermal insulating screeds based on cork or polystyrene
- Glues for coatings
- Fireproofing

In combination with a plastering pump it can form a mixing and pumping unit.

## Operation

The machine must be connected to the electrical and hydraulic network with the appropriate hose supplied. If a hydraulic connection with adequate pressure (2 bar) is not available, water can be drawn directly from a raised container. The standard pump will be able to self-power the Spin 15 A.

The bag of the premixed product is broken in the bag breaker grid above the hopper and the product is poured inside.

At this point, once the machine is turned on using the switch on the electrical panel, the material will begin to exit from the discharge conveyor. It is possible to adjust the quantity of mixing water at will, by acting on the micrometric flow regulator, until the desired product consistency is obtained.

At the end of the working day, after turning off the machine, it is enough to remove the mixing chamber only, leaving the dry material inside the hopper.

The mixing chamber is easily transportable to any place where it can be washed. When washing is complete, the Spin 15 A is ready for a new use.

Spin 15 A is equipped with CE-compliant safety systems:

- Mixing chamber safety sensor
- Anti-intrusion bars in the discharge conveyor (hand protection)
- Anti-loss bolt for the hopper grid
- IP 55 switch with release coil

It is also equipped with a double electrical protection system for the electric motors:

- Manual thermal reset circuit breaker
- Self-resetting motor thermal protector



**Only 85 kg**  
The lightest in its category



## Height adjustable in 3 positions



H load: 950 mm  
H discharge: 455 mm



H load: 1095 mm  
H discharge: 600 mm



H load: 1165 mm  
H discharge: 670 mm



Automatic electric lock safety sensor in case of disassembly of the mixing chamber.



The specific patented IMER gearmotor with parallel axes allows to transfer the power of the motor with the minimum waste of driving force. The particular configuration with the motor turned under the hopper reduces the overall dimensions and allows the motor to always remain protected from direct cement powder jets.

### Standard Equipment

Single-phase gear cascade gearmotor
Self-resetting motor thermal protector
Electric control panel with on / off switch
Thermal circuit breaker (motor protection) with manual reset
Hopper with grate and bag breaker
I-Dust grate (standard only in the model 1106340 115V / 60Hz)
Removable mixing chamber
Mixing shaft with Hardox® steel paddles
Water system with micrometric flow regulator
Self-priming electropump (standard only in the model 1106102 - 230V / 50 Hz)
Water flow meter (standard only in the model 1106340 115V / 60 Hz)
10 m water hose with quick couplings and 3/4" F quick connection
Cardboard packaging

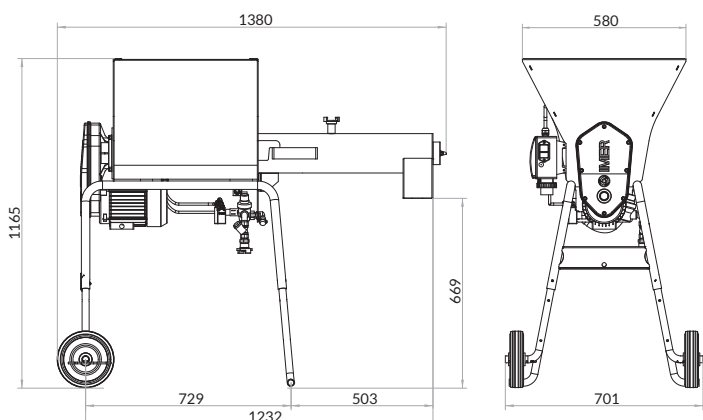
### Technical data

Hopper capacity	l	60
Mixing performance*	l/min	17
Mixer revolutions	rpm	280
Motor power	kW	1.4
Electropump	kW	0.45
LpA operator position	dB(A)	<65
Weight (with packaging)	kg	85 (89)
Dimensions (w / l / h)	mm	701/1380/1165-950 (max-min)
Packaging dimensions (w / l / h)	mm	800/590/830

(\*) The data relating to the hourly mixing performance are non-binding indicative values, which may vary according to the consistency of the materials.

### Accessories

<b>1107004</b>		Glues mixing kit for Spin 15 A ➔ Recommended for: • Glues for thermal insulation coatings • Binders / mortars for injections
<b>1107601</b>		Flow meter kit for Spin 15 A ➔ Recommended for checking the amount of water to put in the mixture
<b>1107629</b>		I-Dust grate for Spin 15 A
<b>1106154</b>		Rubber mixing chamber, self-cleaning for Spin 15 A (also previous versions)
<b>1106157</b>		Water pump inlet pressure limiter, Spin 15 A



# SPIN 30 Plus

Continuous cycle mixer for premixed products in bags and in silo

50 Hz

**Spin 30 Plus** 230V / 50Hz Sph 2.65 kW  
**1106151**

60 Hz

**Spin 30 Plus** 230V / 60Hz Sph 2.65 kW  
**1106152**

**Spin 30 Plus** 400V / 50Hz Tph 3.45 kW  
**1106150**

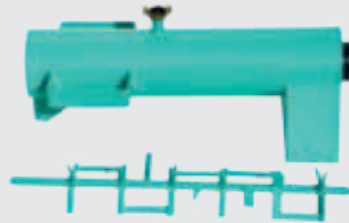


Exclusive I-Dust grate  
It significantly reduces the dust caused by opening the bags (optional).



Simple and intuitive controls:

- Mains voltage warning light
- Switch magnetothermic
- Emergency button
- Phase inverter (Three-phase version)



Shaft and mixing chamber easily removable and transportable for cleaning at the end of the work (only 26 kg).

## Description

Continuous cycle mixer for premixed products supplied in bags or from the silo through a conveying system (Storm Plus). Light in handling, also thanks to the large-sized wheels (370x60 mm) and the essential but particularly robust frame. Simple to use and easy to clean at the end of the day. Equipped with an exclusive parallel-axis gearmotor and electronic starter (single-phase version), it is ideal for quickly mixing most dry premixed products with water. In the case of bag loading, the exclusive I-Dust grate, when connected to a vacuum cleaner, significantly reduces the dust created when loading the material while keeping the work environment clean.

It is suitable for mixing premixed products:

- Premixed cement screed (also with fibers)
- Lightened screed pre-dosed with expanded clay with grain size < 16 mm
- Lightened premixed screed with polystyrene
- Cement based plasters
- Lime based plasters
- Structural plasters with microfibers
- Restorative plasters
- Binders / mortars for injections
- Insulating plasters based on polystyrene or cork
- Mortars for structural reinforcement
- Masonry mortar
- Concrete for castings max grain size < 8mm
- Self-levelling cement based screeds
- Self-levelling anhydride based screeds
- Thermal insulating screeds based on cork or polystyrene
- Glues for coatings
- Fireproofing

Powerful and reliable, it is particularly suitable for medium and large construction sites. Combined with the Storm Plus conveying system connected to a silo, it becomes a fully automatic station for mixing mortars. In combination with a plastering pump it can form a mixing and pumping unit.

## Operation

The machine must be connected to the electrical and hydraulic network with the appropriate hose supplied. If a hydraulic connection with adequate pressure (2 bar) is not available, water can be drawn directly from a raised container. The standard pump will be able to self-power the Spin 30 Plus.

The bag of the premixed product is broken in the bag breaker grate above the hopper and the product is poured inside. In the case of loading from the silo through a conveying system, it will be sufficient to activate the system. At this point, once the machine is turned on using the switch on the electrical panel, the material will begin to exit from the discharge conveyor. It is possible to adjust the quantity of mixing water at will, by acting on the micrometric flow regulator, until the desired product consistency is obtained.

At the end of the working day, after turning off the machine and any conveying system, it is enough to remove the mixing chamber only, leaving the dry material inside the hopper. The mixing chamber is easily transportable to any place where it can be washed. When washing is complete, the Spin 30 Plus is ready for a new use.

Spin 30 Plus is equipped with CE-compliant security systems:

- Mixing chamber safety sensor
- Anti-intrusion bars in the discharge conveyor (hand protection)
- Anti-loss bolt for the hopper grate
- Magnetothermic switch IP 55 with release coil

It is also equipped with a double electrical protection system for the electric motors:

- Self-resetting motor thermal protector
- Switch magnetothermic



Blower hood with filters for connection to conveying system (optional).



- Professional components:
- Self-priming electropump in stainless steel, with brass impeller
  - Water flow descaling regulator
  - Quick acting solenoid valve
  - Double water filtering system
  - Drainable antifreeze system



- Exclusive patented mixer connection system:
- Hexagonal mixer shaft to facilitate extraction at the end of the work day
  - Double driving pin
  - Conveyor tube easily replaceable

### Standard Equipment

- Three-phase or single-phase motor
- Self-resetting motor thermal protector
- Electric control panel with rotation inverter in the three-phase version
- Thermal magnetic switch with release coil
- Hopper with grate and bag breaker
- I-Dust grate (standard only in the model 1106152 - 230V / 60 Hz Sph)
- Removable mixing chamber
- Half-full wheels 370x60 mm
- Mixing shaft with Hardox® steel paddles
- Water system with micrometric flow regulator
- Water flow meter (standard only in the model 1106152 - 230V / 60 Hz)
- 10 m water hose with quick couplings and 3/4" F quick connection
- Self-priming electropump in stainless steel

### Technical data

Hopper capacity	l	110
Mixing performance*	l/min	35
Mixer revolutions	rpm	280
Motor power	kW	2.2 (Sph) / 3 (Tph)
Standard electropump	kW	0.45
LpA operator position	dB(A)	<65
Weight (with packaging)	kg	128 (153)
Dimensions w / l / h	mm	640/1800/1168
Packaging dimensions w / l / h	mm	800/1200/1320

(\* ) The data relating to the hourly mixing performance are non-binding indicative values, which may vary according to the consistency of the materials.

### Accessories

1107514



Complete flow meter kit for Spin 30 Plus  
 ➔ Recommended for checking the amount of water to put in the mixture

1107615



Single filter blower hood for Spin 30 Plus  
 (Level sensor not included)

1107620

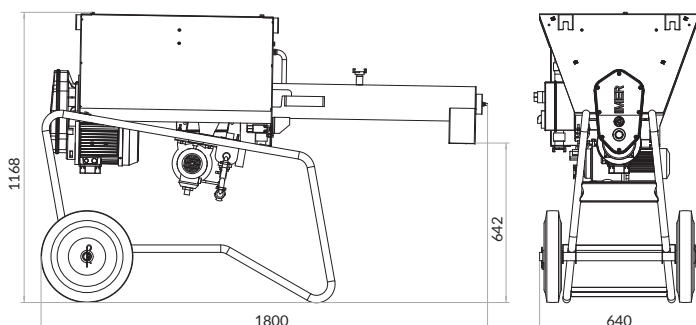


Blower hood with double filter, oversized for hopper extension (+250 l), for Spin 30 Plus  
 (Level sensor not included)

1107630



I-Dust grate for Spin 30 Plus





# IMER ONLINE

## IMER GROUP WEBSITE

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