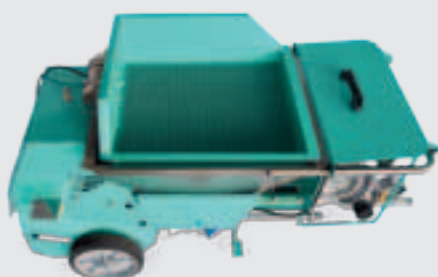
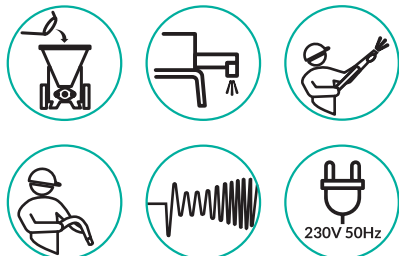


SMALL 50 EVO

Polyvalent eccentric screw pump, plastering / filling machine

Small 50 ES EVO 230V/50Hz - 2,5 kW with vibrating grid and compressor
1106341

Small 50 EVO 230V/50Hz - 1,5 kW
1106342



Multi-accessory and adaptable to all mortar pumping needs.



Continuous speed variation and a series of pumping units provide a material flow from 0.3 to 14 l / min.

Description

Ultra-compact, light and powerful. Accessories allow the pumping or spraying of multiple products:

- Traditional lime / cement plasters
- Premixed / pre-dosed plasters based on cement and lime
- Premixed / pre-dosed structural plasters
- Premixed / pre-dosed restorative plasters
- Binders / mortars for consolidation injections
- Insulating plasters polystyrene or cork based
- Thixotropic fiber-reinforced reinforcement mortars
- Filling shotcrete
- Self-levelling cement / anhydride based screeds
- Mortars for grouts / stuccos
- All free-solvent paints
- Adhesives for thermal insulation coatings
- Smoothing plasters
- Smoothers for decorative finishing with silicates or minerals
- Waterproofing plasters, even fiber-reinforced
- Fireproofing plasters

Equipped with the exclusive IMER R2 inverter, which features a pumping speed variator and operating diagnostics, for total control of the conditions of use in complete safety.

It can be used in combination with any type of external mixer:

- Planetary mixer series "MIX"
- Continuous mixer series "SPIN"
- Concrete mixer series "SYNTESI", "MINIBETA" or "RIOBETA"

Operation

Small 50 EVO is usually positioned under the discharge outlet of a mixer to pour the mixture directly into the hopper.

Wet products that do not need to be mixed, can be poured directly into the hopper.

The mixture contained in the hopper is sucked by the rotor-stator pumping system and pushed into the pipe until it reaches the opposite end.

Accessories for spraying the products or devices for making injections at controlled pressure can be connected. Otherwise the machine can use a hose for the pouring of self-levelling or filling products.

Set the pumping speed using the exclusive IMER R2 inverter, adapting the machine to the different needs.

SMALL 50 EVO is equipped with a diagnostic display, which signals any anomalies during use and related resolution methods.

The exclusive IMER R2 inverter allows the SMALL 50 EVO can operate with appropriately sized generators.



250 mm oversized wheels and lifting handles for easy handling.



Useful toolbox.

Standard Equipment

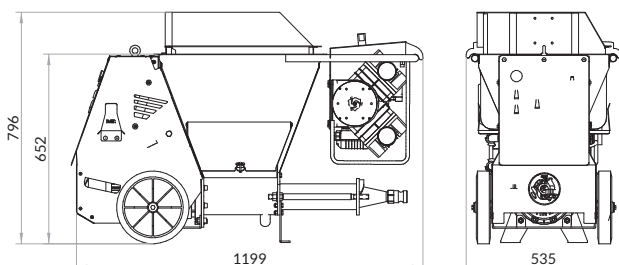
Stainless steel hopper
Stator and rotor D8 1.5 ECO
Power supply and control panel with inverter
20 m electric power cable
Electric remote control
Pressure measuring unit
Accessory box
Vibrating grid (Small 50 ES EVO)
Premixed / traditional mortar kit (Small 50 ES EVO)
Electric diaphragm compressor IM250 (Small 50 ES EVO)

Technical data SMALL 50 ES EVO

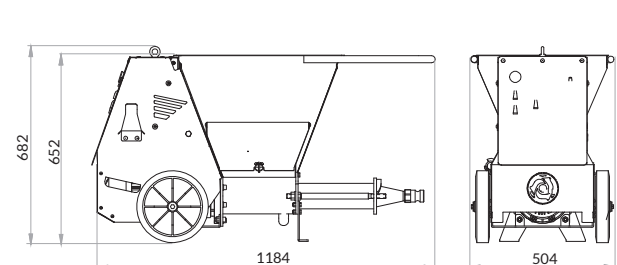
Supply	-	230V/50Hz
Maximum installed power	kW	2.5
Material flow rate*	l/min	0.8 to 14
Max. pumpable grainsize*	mm	6
Max. pumping distance Pipe Ø 19 mm*	m	15
Max. pumping distance Pipe Ø 25 mm*	m	25
Hopper capacity	l	50
Loading height	mm	650
Sound pressure level	dB (A)	< 74
Dimensions width / length / h	mm	535/1199/796
Machine weight	kg	69
Compressor weight	kg	28
Packed machine dimensions width / length / h	mm	550/1250/1100
Packed machine weight	kg	120

(* 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 pipe used.

Small 50 ES EVO



Small 50 EVO



Standard setup **SMALL 50 ES EVO**



1106341 Small 50 ES EVO
230V/50Hz 2.5 kW

➔ Recommended for:

- Traditional lime / cement plasters
- Premixed / pre-dosed plasters based on cement and lime
- Premixed / pre-dosed structural plasters
- Premixed / pre-dosed restorative plasters
- Thixotropic fiber-reinforced mortars for reinforcement
- Insulating plasters based on polystyrene or cork
- Fillings shtocrete
- Fireproofing mortars
- Other accessories are applicable for specific uses..

Setups for specific applications **SMALL 50 EVO**



1106342 Small 50 EVO
230V/50Hz 1.5 kW

S1

➔ Recommended setup for:

- Pressure-controlled consolidation injections

Maximum installed power 1.5 kW

1107006 Injection kit for R2 panel

1108005 Injection kit for A1 panel

- Pressure meter and pressure switch group
- Reduction M. 1 "F. 3/4" in brass
- Small 50 lance with 1 hose holder deflector Ø 16
- 10 m material holder hose Ø 25 with cam couplings
- 5 m material holder hose Ø 25 with cam couplings
- 1 nozzle cleaner and 1 sponge Ø 30



1106342 Small 50 EVO
230V/50Hz 1.5 kW

S2

➔ Recommended setup for:

- Adhesives for thermal insulation coatings
- Smoothing compounds for plaster
- Smoothers for decorative finishing with silicates or other minerals
- Waterproofing

Maximum installed power 3.7 kW

1107010 Smoothing and grouting kit

- Spray gun
- 1 set of deflectors Ø5-Ø6-Ø8-Ø12 mm
- 1 deflector with hose connection Ø16
- 10 + 5 m material holder hose Ø 25 with cam couplings
- 16 m air hose Ø 13 with Geka couplings
- 1 nozzle cleaner and 1 sponge Ø 30



1107610



Piston compressor C400
230V / 50Hz 2.2 kW

1107513



Hopper cover

1107084



Stator D 5-2.5 MONO CLAMP

- Color: purple
- Max. grain size 3 mm
- Flow rate (l / min) 0.6-10
- Pressure 25 bar

1107085



Rotor D 5-2.5 MONO

Setups for specific applications **SMALL 50 EVO**



1106342 Small 50 EVO
230V/50Hz 1.5 kW

S3

➔ Recommended setup for:
• Mortars for grouts / stuccos
Max. installed power 1.7 kW

1107499



Conical joint gun
• Sectionable steel tube to obtain the desired exit diameter
• Anti-spill valve

1107525



Material holder hose Ø 25 - 15 m with cam couplings

1107016



Internal vibrating hopper
220V / 50-60Hz

1107032



Stator D 4-1 / 2 CLAMP
• Color: lemon yellow
• Pressure (bar) 25
• Max. grain size (mm) 2
• Flow rate (l / min) 0.3- 4.5

1107033



Rotor D 4-1 / 2



1106342 Small 50 EVO
230V/50Hz 1.5 kW

S4

➔ Recommended setup for:
• Solvent-free paints
Maximum installed power 3.7 kW

1107009 Painting kit

- Spray gun + deflectors Ø5-Ø6
- 10 m material holder hose Ø 19 with cam couplings
- 16 m air hose Ø 13 with Geka couplings
- 1 nozzle cleaner and 1 sponge Ø 25
- Specific couplings for piping connection



1107610



C400 piston compressor
230V / 50Hz 2.2 kW

1107513



Hopper cover

1107084



Stator D 5-2.5 MONO CLAMP
• Color: purple
• Max. grain size 3 mm
• Flow rate (l / min) 0.6-10
• Pressure 25 bar

1107085



Rotor D 5-2.5 MONO

Kits and accessories for customized setups

SMALL 50 EVO / SMALL 50 ES EVO



➔ Recommended setup for:

- Traditional lime / cement plasters
- Premixed / pre-dosed plasters based on cement and lime
- Premixed / pre-dosed structural plasters
- Premixed / pre-dosed restorative plasters
- Thixotropic fiber-reinforced mortars for reinforcement
- Insulating plasters based on polystyrene or cork
- Fire proofing mortars

Premixed / traditional mortar kit

- Spray gun
- Deflectors Ø 12 for conventional products
- Deflectors Ø 10-14 for premixed products
- 15 m material holder hose Ø 25 with cam couplings
- 16 m air hose Ø 13 with Geka couplings
- 1 nozzle cleaner
- 1 sponge Ø 30

1107005



➔ Recommended setup for:

- Mortars for grouts / stuccos
- Adhesives for thermal insulation coatings
- Smoothing plasters
- Smoothers for decorative finishing with silicates or minerals
- Waterproofing
- Solvent-free paints
- Deep groutings on stones
- Groutings on exposed stones

Smoothing and grouting kit

- Spray gun
- 1 set of deflectors Ø5-Ø6-Ø8-Ø12 mm
- 1 deflector with hose connection Ø16
- 10 + 5 m material holder hose Ø 25 with cam couplings
- 16 m air hose Ø 13 with Geka couplings
- 1 nozzle cleaner and 1 sponge Ø 30

1107010



➔ Recommended setup for:

- Binders / mortars for consolidation injections at controlled pressure

1107006 Injection kit for R2 panel

1108005 Injection kit for A1 panel

- Pressure control group with adjustable pressure switch 0.5-5 bar
- Small 50 gun with 1 hose holder deflector Ø 16
- 10 m material holder hose Ø 25 with cam couplings
- 5 m material holder hose Ø 25 with cam couplings
- 1 nozzle cleaner and 1 sponge Ø 30



➔ Recommended setup for:

- Solvent-free paints

1107009 Painting kit

- Spray gun + deflectors Ø5-Ø6
- 10 m material holder hose Ø 19 with cam couplings
- 16 m air hose Ø 13 with Geka couplings
- 1 nozzle cleaner and 1 sponge Ø 25
- Specific couplings for piping connection

Accessories for customized setups

SMALL 50 EVO / SMALL 50 ES EVO

Electric diaphragm compressor

➔ Recommended for:

- Traditional lime / cement plasters
- Premixed / pre-dosed plasters based on cement and lime
- Premixed / pre-dosed structural plasters
- Premixed / pre-dosed restorative plasters
- Thixotropic fiber-reinforced mortars for reinforcement
- Insulating plasters based on polystyrene or cork
- Fireproofing mortars

1107543



Electric diaphragm compressor IM250
230V / 50Hz 250 l / min. 0.75 kW

Piston compressor

➔ Recommended for:

- Adhesives for thermal insulation coatings
- Smoothing compounds for plaster
- Smoothers for decorative finishing with silicates or minerals
- Waterproofing, even fiber-reinforced
- Solvent-free paints

1107610



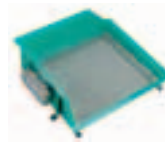
Piston compressor C400
230V / 50Hz 2.2 kW

Vibrating grid

➔ Recommended for:

- Traditional products packed on site

1107510



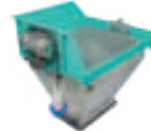
Vibrating grid 230V / 50-60Hz 0.2 kW

Internal vibrating hopper

➔ Recommended for:

- Mortars for grouts / stuccos

1107016



Internal vibrating hopper
220V / 50-60Hz 0.2 kW

Hopper cover

➔ Recommended for:

- Products' protection from the air during application

1107513



Hopper cover

1107515



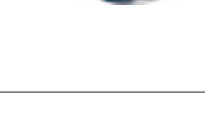
Pressure control unit with adjustable pressure switch 0.2-5 bar for R2 panel

1107503



Pneumatic wheels kit

1108007



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

1107512



Pressure gauge meter

1107544



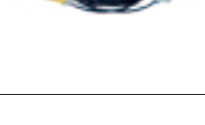
Remote control extension 15 m for R2 panel

1107103



Cleaning kit for DN25 pipes with air

1108009



Remote control extension 15 m for A1 panel

1107519



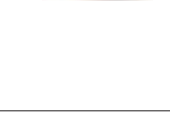
10 pieces sponge kit for cleaning hose Ø 25

1107545



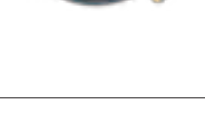
Remote control 16 m for R2 panel

1107520



10 pieces sponge kit for cleaning hose Ø 35 (also hopper cap Small 50 EVO)

1108008



Remote control 16 m for A1 panel

Accessories **SMALL 50 EVO / SMALL 50 ES EVO**

D8 - 1.5 Green

➔ Recommended for:

- Traditional lime / cement plasters
- Premixed / pre-dosed plasters based on cement and lime
- Premixed / pre-dosed structural plasters
- Premixed / pre-dosed restorative plasters
- Thixotropic fiber-reinforced mortars for reinforcement
- Insulating plasters based on polystyrene or cork
- Fireproofing mortars

1107030



Stator D 8-1.5
MONO CLAMP

1107031



Rotor D 8-1.5 MONO

Pressure (bar) 15

Max. grain size (mm) 6

Flow rate (l / min) 0.8 -14

D5 - 2.5 Purple

➔ Recommended for:

- Adhesives for thermal insulation coatings
- Smoothing compounds for plaster
- Skim coats for decorative finishing with silicates or minerals
- Waterproofing, even fiber-reinforced
- Solvent-free paints

1107084



D 5-2.5 MONO CLAMP

1107085



Rotor D 5-2.5 MONO

Pressure (bar) 25

Max. grain size (mm) 3

Flow rate (l / min) 0.6-10

D4 - 1/2 Lemon Yellow

➔ Recommended for:

- Mortars for grouts / stuccos

1107032



Stator D 4-1/2 CLAMP

1107033



Rotor D 4-1/2

Pressure (bar) 25

Max. grain size (mm) 3

Flow rate (l / min) 0.3- 4.5

1107540



Gun for premixed / traditional with
deflector Ø 14

1107568



Spray gun Ø 25F with anti-spill valve and
air flow regulator

1107549



Lightened fireproofing gun 1.43 m

1107011



Gun for smoothing / grouting /
injections without deflectors

1107604



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

1107499



Conical joint gun

1107504



Joint gun R2 panel

1107570



U bend steel hose Ø 25

1108006



Joint gun A1 panel with control
sensor: On-Open / Off-Closed 24V
socket

Concrete hoses with camlock connections

1107529

Material holder hose Ø 19 - 10 m with
cam couplings

1107525

Material holder hose Ø 25 - 15 m with
cam couplings

1107526

Material holder hose Ø 25 - 10 m with
cam couplings

1107527

Material holder hose Ø 25 - 5 m with
cam couplings



Quick couplings compressed air hoses

1107530

Air hose Ø 13 - 5 m with Geka couplings

1107531

Air hose Ø 13 - 10 m with Geka couplings

1107532






Air hose Ø 13 - 16 m with Geka couplings

1107076

Air hose Ø 13 - 20 m with Geka couplings



Accessories **SMALL 50 EVO / SMALL 50 ES EVO**

					
		1107540	1107011	1107549	1107568
1107551	10 pcs kit Deflectors Ø 10 in polyurethane for premixed plaster				
1107552	 10 pcs kit Deflectors Ø 12 in polyurethane for premixed plaster				
1107553	 10 pcs kit Deflectors Ø 14 in polyurethane for premixed plaster				
1107554	10 pcs kit Deflectors Ø 16 in polyurethane for premixed plaster				
1107557	5 pcs kit Deflectors Ø 10 in polyurethane for traditional plaster				
1107558	 5 pcs kit Deflectors Ø 12 in polyurethane for traditional plaster				
1107559	 5 pcs kit Deflectors Ø 14 in polyurethane for traditional plaster				
1107560	5 pcs kit Deflectors Ø 16 in polyurethane for traditional plaster				
1107561	3 pcs kit Deflectors Ø 5 hardened steel for painting, smoothing, grouting				
1107562	 3 pcs kit Deflectors Ø 6 hardened steel for painting, smoothing, grouting				
1107563	3 pcs kit Deflectors Ø 8 hardened steel for smoothing				
1107564	3 pcs kit Deflectors Ø 12 hardened steel for joints with compressor aid				
1107566	 3 pcs kit Deflectors with hose nozzle Ø 16				