



PUMP IT, GROUT IT, SPRAY IT

The Pump Catalog From IMER USA



Modern Technology

**OLD SCHOOL QUALITY**



**IMER USA West**  
(Assembly Facility)  
Hayward, CA



**IMER USA**  
(Headquarters & Assembly Facility)  
Capitol Heights, MD

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## Electric Motors available

### 60 Hz

115V/60Hz 1 phase

220V/60HZ 1 phase

220V/60HZ 3 phase



**Batch Plants**  
Basaldella di Campoformido (Udine), Italy



**Earth Moving**  
San Gimignano (Siena), Italy



**Truck Mixers**  
Aksaray, Turkey



**Aerial Lifts**  
Pegognaga (Mantua), Italy



**Group Headquarters**  
Poggibonsi (Siena), Italy



**Pumps, Saws, Mixers & Hoists**  
Rapolano Terme (Siena), Italy

With the strength of over 550 employees, the Group has 5 production plants, which occupy a total surface area of over 96 acres with 921,000 SF of roofed area.

The IMER Group brand boasts a very complete range of construction equipment to make the contractor work better, safer and efficiently.

Since 1967, market and export trends pushed the Company to expand into foreign markets, setting up foreign sales branches.

At present there are nine foreign branches in Europe, the United States, Asia and Africa.

A further force behind the Group's expansion is the presence in the major worldwide rental and distribution centers, while in Italy a network of over 1000 dealers ensures widespread market coverage.



<b>IMER France</b>
Grenoble, France
<b>IMER Iberica</b>
Saragossa, Spain
<b>IMER Direct (GB)</b>
Birmingham, United Kingdom
<b>IMER USA</b>
Washington, DC Hayward, California
<b>IG Russia</b>
Lipetsk, Russia
<b>IMER ORU Far East</b>
Singapore
<b>IMER Middle East</b>
Beirut, Lebanon
<b>I.M.E.R Maroc</b>
Casablanca, Morocco
<b>IMER Shanghai</b>
Shanghai, China

# Quality & Services



High quality materials and products

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Years of experience and technological innovation

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Service and support is available for all

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Products and services on the web: [www.imerusa.com](http://www.imerusa.com)



## SCREW PUMPS

premixed and conventional mortars and grouts



# KOINE 35

Single-phase mortar & plaster sprayer for dry premixed materials



<76 dB

60 Hz

**KOINE 35** 220V/60Hz  
5 HP 1 Phase  
Model # 1106006

## MULTIPLE APPLICATIONS

For the continuous mixing, spraying and pumping of pre-blended cementitious and gypsum based mortars, stucco, fireproofing, self-leveling underlayments and grouts.

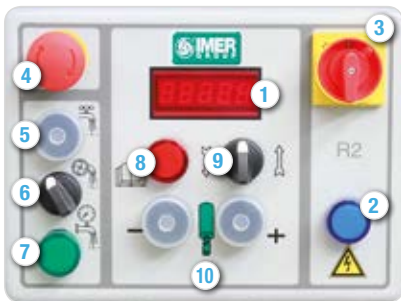


✓ Mixing chamber access is quick and easy. Clean up at the days end is simple.

✓ Continuous operation means that production is very efficient and effective. Run fast... run hard!



### CONTROL PANEL

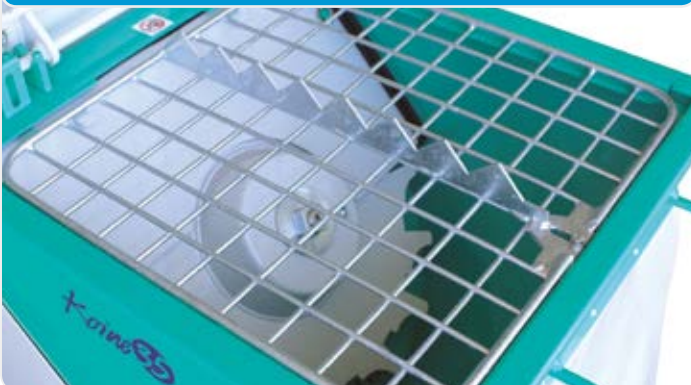


- 1 Smart display panel
- 2 Current indicator light
- 3 ON/OFF switch
- 4 Emergency stop button
- 5 Manual water control
- 6 Water booster pump switch
- 7 Water pressure indicator
- 8 Mixing chamber safety sensor
- 9 Forward / Reverse
- 10 Rotor / stator speed control

✓ Self-priming water pump with stainless steel housing and brass impeller. A reliable and long lasting design

Continuous production, break a bag and get going...Automatically!

### CONTINUOUS FEED IMPELLAR



### Standard Equipment

- ✓ Continuous mixer
- ✓ ECO-STAR stator and rotor
- ✓ Material delivery pressure gauge
- ✓ Control panel with exclusive IMER 4 speed inverter
- ✓ Self-priming water pump
- ✓ Water system with flow meter and NOFREEZE discharge valve
- ✓ 64' of electric cord
- ✓ 64' of water hose Ø 13 mm (9/16")
- ✓ 50' of air hose Ø 13 mm (9/16")
- ✓ 50' of material hose Ø 50 mm (2")
- ✓ Spray gun with nozzles
- ✓ Hose cleaning kit with toolbox
- ✓ Mixing chamber clean out tool
- ✓ Remote pneumatic control



✓ Handles for transport, roll it throughout the jobsite

✓ Single-phase 5 HP motor with a gearbox drive reduction system

✓ The modular design means you can knock it down into 4 pieces. Take it anywhere!

✓ Pump and spray up to 125 feet!

✓ The continuous feed impellar blade makes sure that materials are broken up and ready to be mixed

✓ 4 speed material flow rate delivers 17, 23, 30 or 36 cubic feet per hour



Recommended accessories for

**Fire-proofing and stucco set-up**

- ✓ 1107084 Stator Eco Star – Violet 17-36 CF/h
- ✓ 1107085 Rotor Eco Star
- ✓ 1107541 Mixer for mortars Koine 35, Koine 4
- ✓ 1107021 Rotor D6-3 without turbo mixer

**Self-leveling underlayment set-up**

- ✓ 1107030 Green stator D8 - 1.5 ECO 1.7-30 CF/h
- ✓ 1107031 Green rotor D8 - 1.5 ECO

Power supply	-	220V/60Hz, 1 phase
Total machine power requirement	HP	5
Mixing and pumping motor	HP	3
Feeding impellar motor	HP	1/2
Electric compressor	-	1HP, 9 CFM
Material flow rate	CF/h	17, 23, 30, 36
Maximum pumping distance*	Ft.	125'
Hopper capacity	CF	4
Loading height	In.	36
Dimensions width/length/height	In.	27/62/47
Weight	Lbs.	561
Sound pressure level	dB(A)	< 76

(\* NOTE The pumping distance may vary depending on: the type of material used, pumping height, material consistency, type of pump installed.

# KOINE 4

Plaster sprayers for dry premixed materials



<80 dB

## MULTIPLE APPLICATIONS

When the application calls for more volume, more distance and more hours of operation...upgrade to the Koine 4, 220V, 3 phase.



60 Hz

**KOINE 4** 220V/60Hz  
10 HP 3 Phase  
Model # 1106003



Heavy duty electric motor with a gearbox drive reduction system



Sturdy compact chassis with square steel frame, portable and strong



Electric control panel is industrial duty, run it long, run it hard!



Pumping distance: up to 160'\* with 1.5" Ø (35mm) material hose



Continuous production, break a bag and get going...Automatically!

### CONTINUOUS FEED IMPELLAR



### Standard Equipment

- ✓ Stator and rotor D6-3
- ✓ Material delivery pressure gauge
- ✓ Gear driven feed induction blade
- ✓ Heavy duty control panel
- ✓ Self-priming stainless steel water pump
- ✓ Water system with flow meter and NOFREEZE discharge valve
- ✓ 130' electric cord
- ✓ 130' water hose
- ✓ 50' material hose, Ø 25 mm (1") with quick connects
- ✓ 50' air hose Ø 13 mm (9/16") with quick connects
- ✓ Tool box w/ gun & accessories
- ✓ Clean up kit (scraper and sponge)
- ✓ Easily add the high performance self-leveling kit





✓ When needed the mixing chamber and the compressor can be removed quickly in order to make it even easier to move the Koine 4 from place to place

✓ Mix and pump indoors, this unit is very portable and neat

✓ The dual diaphragm maintenance free compressor

### CONTROL PANEL



- 1 ON/OFF switch
- 2 Emergency stop button
- 3 Stator/rotor control
- 4 Manual water output switch
- 5 Feeding blade ON/OFF
- 6 Water pump ON/OFF
- 7 Electrical current indicator
- 8 Emergency stop light
- 9 Water pressure indicator
- 10 Emergency reverse switch



Recommended accessories for

### Fire-proofing and stucco set-up

- ✓ 1107028 Stator D8 - 1,5 – Yellow 75 CF/h
- ✓ 1107031 Green rotor D8 - 1.5 ECO
- ✓ 1107020 Stator D 6-3 Orange 45 CF/h
- ✓ 1107021 Rotor D6-3

### Self-levelling underlayment set-up

- ✓ 1107091 Self-Levelling mortar kit

Supply	-	220V/60Hz, 3 Phase
Max. installed power	HP	10
Mixing motor power	HP	7.5
Feeding impellar motor	HP	1
Electric compressor	HP/CFM	1/9
Material flow rate	CF/h	46
Max. pumping distance with Ø 25 mm (1") hose	Ft.	80
Max. pumping distance with Ø 35 mm (1-3/8") hose	Ft.	165
Hopper capacity	CF	4
Loading height	In.	35.5
Dimensions width/length/h	In.	29/47/61.5
Weight	Lbs.	561
Sound pressure level	dB (A)	< 80

(\*) NOTE The pumping distance may vary depending on: the type of material used, pumping height, material consistency, type of pump installed.

# SMALL 50

Screw pump for pumping and spraying applications

## APPLICATIONS

For pumping and spraying of conventional mortars and grouts, waterproofing products, coatings, stucco, tuck-pointing, self-leveling underlayments, fireproofing and various other cementitious and acrylic products.



✓ Loading height 25.5"

✓ Easy setup, easy to clean

✓ Electric panel with exclusive IMER inverter works under low voltage conditions



60 Hz

↓ **SMALL 50** 115V/60Hz  
2 HP, 1 Phase  
Model # 1106045

✓ Optional 9 CFM compressor, drops in and lifts off

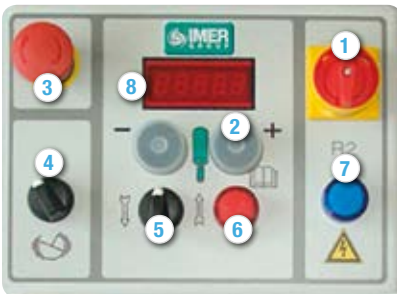
✓ Material flow from 0 to 30 CF/h up to 70 different speed settings

✓ Hopper plug (Ø 1.5" Part # 3225846)

✓ The onboard programming allows for the option to automatically reverse the pump upon stopping to reduce the pressure in the hose and gun

SMALL 50 complete with optional vibrating screen and air compressor.

## CONTROL PANEL



- 1 On/Off switch
- 2 Rotor/stator speed control
- 3 Emergency stop button
- 4 Vibrating grate switch
- 5 Rotor/stator forward/reverse
- 6 Safety default light
- 7 Current supply light
- 8 Diagnostic display

## Standard Equipment SMALL 50

- ✓ Stainless steel hopper
- ✓ Rotor and stator D8 1.5 ECO - versatile performance
- ✓ Inverter driven control panel
- ✓ Electric remote control cable
- ✓ Pressure gauge for material pressure
- ✓ Accessory tool box

Supply	-	120V/60Hz
Pump motor	HP	1.75
Material flow rate	CF/h	1.7 - 30
Max. grain size	In.	1/4
Maximum pumping distance hose Ø 19 mm (3/4")*	Ft.	50
Maximum pumping distance hose Ø 25 mm (1")*	Ft.	80
Hopper capacity	CF	1.75
Loading height	In.	25.5
Dimensions W x L x H	In.	20.5/44/25.5
Weight	Lbs.	152
Sound pressure level	dB (A)	< 74












(\* NOTE The pumping distance may vary depending on: the type of material used, pumping height, material consistency, type of pump installed.





# SMALL 50 CONFIGURATIONS

Screw pump for pumping and spraying applications

	Pumping of grouts, self-leveling underlayments	Spraying fireproofing, repair mortar, stucco base coat (1/8" or more of build-up)	Spraying waterproofing, acrylic stucco, elastomeric coatings (1/8" or less of build-up)	Controlled pressure grout injection with pressure regulator	Tuck-pointing and grouting
Dual diaphragm compressor 		●	●		
Mortar, stucco and fireproofing gun kit 		●			
Paint and fine coatings gun kit 			●		
Grout injection kit 				●	
Tuck point gun kit 					●
25 mm (1") hose 	●				
5' overhead wand 		○			
Vibrating hopper 				○	○
Vibrating screen 	○	○	○		
Pipe hook 	○				

● = required, ○ = optional

# STEP-UP 120

Screw pump for pumping and spraying applications

## APPLICATIONS

For spraying and pumping conventional mortar and premixed cements, fibre-reinforced and refractory cements, grouts, fireproof materials, self-levelling underlayments and waterproofing applications.



✓ Planetary mixer for conventional mortar and preblended grouts



✓ Loading height 3.9'

✓ Mixer with mixing capacity of 3.2 CF

✓ Max. flow rate of 2.75 CY/h (3 phase)

✓ Max. pumpable aggregate size of 3/8" (3 phase). 50 mm (2") hose required

✓ Pumping distance up to 130' \* Material hose Ø 35 mm (1-3/8")

✓ Integrated dual diaphragm compressor

✓ High capacity hopper with optional vibrating screen.

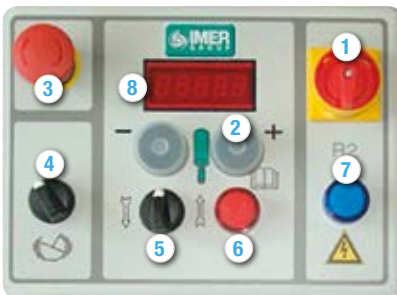
60 Hz

↓ **STEP-UP 120** 220V/60Hz  
6 HP, 1 Phase  
Model # 1106090

↓ **STEP-UP 120** 220V/60Hz  
with 2 speed - 5/6.5 HP, 3 Ph.  
Model # 1106091

### CONTROL PANEL

(Single-phase version 220V/60Hz)



- 1 On/Off switch
- 2 Rotor/stator speed control
- 3 Emergency stop button
- 4 Vibrating grate switch
- 5 Rotor/stator forward/reverse
- 6 Safety default light
- 7 Current supply light
- 8 Diagnostic display

### CONTROL PANEL

(Three-phase version 220/60Hz)



- 1 On/Off switch
- 2 Current supply light
- 3 Emergency stop button
- 4 Rotor/stator forward/reverse
- 5 Vibrating grate switch
- 6 Safety default light
- 7 Speed control switch

### Standard Equipment (# 1106090 230V/60Hz)

- ✓ Electric panel with inverter
- ✓ Stator and rotor for conventional mortar (IM25L)
- ✓ Spray gun for conventional/premixed mortar
- ✓ Vibrating grate
- ✓ 9 CFM compressor
- ✓ 100' (67+33) of material hose Ø 35 mm (1-3/8") with cam couplings
- ✓ 100' of air hose Ø 13 mm (9/16") with quick couplings
- ✓ Accessory box for conventional mortar spraying

### Standard Equipment (Part # 1106091 230/60Hz)

- ✓ Electric panel
- ✓ Stator and rotor for conventional mortar (IM25L)
- ✓ Spray gun for conventional/premixed mortar
- ✓ Vibrating grid
- ✓ 11 CFM compressor
- ✓ Pneumatic remote control
- ✓ 100' (67+33) of mat. hose Ø 35 mm (1-3/8") with cam couplings
- ✓ 100' of air hose Ø 13 mm (9/16") with quick couplings
- ✓ Accessory box for conventional mortar spraying



### COMPRESSOR



The dual diaphragm "V" stroke compressor provides ample air for spray applications – Continuous duty rated and maintenance free.

✓ When materials clump up, just hit reverse for a few seconds

✓ Oil-bath enclosed mixer gearbox provides the high torque needed for today's demanding materials



✓ Hopper drain plug for easy clean out of materials

### MIX COMPLETELY AND QUICKLY



The planetary mixing action of the vertical shaft mixer reduces mixing time to 2 minutes. The 3 cubic feet of output discharge directly into the hopper.

✓ Torsion bar suspension for easy and smooth road towing

✓ Complete with tail lights for safe towing

		STEP-UP 120 1 Phase	STEP-UP 120 3 Phase
Supply	-	with mixer	with mixer
Motor power rate	HP	3	5 low / 6.5 high
Mixer power rate	HP	2	1.5
Electric compressor	-	1 HP / 9 CFM	3 HP / 11 CFM
Max grain size (IM 25L)	In.	3/8	3/8
Maximum flow rate	CY/h	2	1.35/2.75
Horizontal pumping distance (*)	Ft.	130	200
Vertical pumping distance (*)	Ft.	50	100
Hopper capacity	CF	4.25	4.25
Mixer capacity	CF	4.25	4.25
Dimensions W x L x H	In.	32/80/50	32/80/50
Weight	Lbs.	888	900

(\*) The pumping distance may vary depending on: the type of material used, pumping height, material consistency, type of pump installed.





# STEP-UP 120a

Screw pump for self-levelling and grouts

## APPLICATIONS

For pumping gypsum or cement based self-levelling screeds, non-shrink grouts and repair mortars.



60 Hz  
**STEP-UP 120a**  
 220V/60Hz 3 phase  
 Model # 1106094



**High flow rate**  
 (9.5 CY/h)



**10 HP, 220V high torque 3 phase motor**



**High capacity hopper fitted with vibrating grate**

## CONTROL PANEL







- 1 On/Off switch
- 2 Current supply light
- 3 Emergency stop button
- 4 Rotor/stator forward/reverse
- 5 Vibrating grate switch
- 6 Safety default light



**High flow 60.12 rotor and statot**

Part number	Accessories
-------------	-------------

1107533	 33' rubber hose Ø 50 (2") with cam couplings
1107534	 66' rubber hose Ø 50 (2") with cam couplings

1107081	 Stator 60.12 for self-levelling floor screeds
1107083	 Rotor 60.12 for self-levelling floor screeds

## Standard Equipment

- ✓ Three-phase 220V/60Hz motor – 10 HP
- ✓ Electric control panel
- ✓ Built-in low voltage electric remote control with 120' of cable
- ✓ 66' power supply cord
- ✓ 60.12 rotor-stator
- ✓ Vibrating grid
- ✓ 100' of hose (66+33) Ø 50 mm (2")
- ✓ Accessory box

Supply	-	220V/60Hz, 3 phase
Motor power rate	HP	10
Max grain size	In.	3/8
Flow rate	CY/h	9.5
Max pumping distance	Ft.	200
Max pumping height	Ft.	100
Hopper capacity	CF	4.25
Dimensions length/width/height	In.	91/32/38
Weight	Lbs.	616
Sound pressure level	dB (A)	< 79

\* The pumping distance may vary depending on: the type of material used, pumping height, material consistency, type of pump installed.

# SILENT 300 PRESTIGE

Diesel powered screw pump for pumping and spraying

## APPLICATIONS

For mixing, pumping and spraying of mortars in bags or from silo: premixed materials, cement or gypsum based premixed materials, fireproofing, grouts, epoxies, self-leveling underlayments or repair mortars.

↓ **PRESTIGE Eco T Power**  
20 HP Diesel  
Model # 1106132



✓ Safety sensor system stops the mixing paddles if the grid is opened

✓ All the drive systems are hydraulic, very safe and very little maintenance



✓ The high capacity mixer (6.5 CF) with hydraulic drive is powerful and reliable

Innovative System

## ECO TPOWER

Adjusts engine RPMs according to power demands



✓ High capacity hopper (7 CF), run hard batch after batch

## Standard Equipment

- ✓ Kohler Focs 1003/3 cyl. diesel engine
- ✓ 14 CF/m compressor
- ✓ 2L6 screw pump
- ✓ 66' + 33' material hose Ø 35 mm (1-3/8")
- ✓ 16' material whip hose Ø 25 mm (1")
- ✓ 2 clean-out sponges
- ✓ 53' + 66' air hose Ø 13 mm (9/16")
- ✓ 1 hose holder fitting
- ✓ Tiltable mixer
- ✓ Hydraulic variable speed pump
- ✓ Tow package for highway use
- ✓ Metal accessory box



### OPTIONAL ELECTRONIC WATER METER



Part # 1107209  
**AQUA CONTROL** electronic water meter:  
 for quick and easy addition of metered water  
 put into the mixer for every batch.

### DIESEL MOTOR



3-cylinder, liquid-cooled diesel engine that  
 meets the latest EPA regulations and reduces  
 noise. 2400 rpm operating speed for less  
 wear and low fuel consumption.

### STANDARD PRESSURE WASHER



Part # 1107208  
 2,000 PSI pressure washer cleans  
 effectively with minimal blow-back.

### CONTROL PANEL



Anti-vibration control panel with  
 electromechanical controls  
 (Standard hour meter)

Recommended accessories for

#### Traditional & premixed mortar

- ✓ 1107036 - Vibrating screen
- ✓ 1107149 - Pumping Unit IM25L (for coarse aggregate)
- ✓ 1107577 - Spray gun for traditional & premixed mortar
- ✓ 1107560 - 5-piece kit up to Ø 16 mm (5/8")

#### Self-levelling floor screeds and flowable grouts

- ✓ 1107090 Pumping Unit 60.12 for self-levelling underlayments

Motor power rate ISO 3046/1-IFN	HP	20 (at 2400 rpm)
Compressor flow rate	CF/m	14
Max pumpable grain size	In.	1/4 (2L6)
Variable theoretic flow rate	CY/h	0 - 4.5 (2L6)
Max pressure	PSI	580 (2L6)
Hopper capacity	CF	7
Mixer capacity	CF	6.3
Dimensions length/width/height (mixer tilted)	In.	131.5/53.5/53
Weight	Lbs.	1,653
Sound pressure level	dB (A)	< 78

(\*) The road towing is valid only in the countries where it is allowed.

# Compressor for plaster sprayers



The most reliable  
in its class

60 Hz

↓ **Compressor IM250**  
115V/60Hz 0.55 kW Sph  
Model # 1107546

## MAXIMUM MOTOR PERFORMANCE



Separate cooling of the electric motor and compressor allows for continuous duty and a long life.

Power	1 HP
Flow rate	9 CF/m
Maximum pressure	60 PSI
Heavy Duty service	110 V



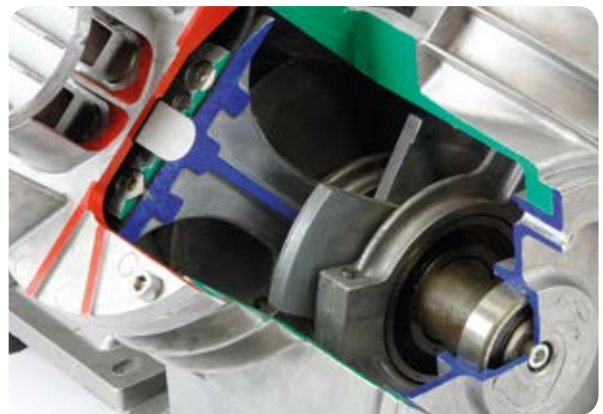
**100%**  
**IMER**  
production

## REPLACEMENT OF THE AIR FILTER



Air filter replacement is quick and easy.

## ONE PIECE CRANKSHAFT



One piece compressor motor crankshaft produces maximum mechanical performance effortlessly.






# ACCESSORIES & SPARE PARTS

for pumps and mixers


- ✓ Kits
- ✓ Rotors and stators
- ✓ Mixer paddles
- ✓ Spray guns/wands
- ✓ Spray gun components
- ✓ Hoses



# ACCESSORIES & SPARE PARTS

Part number	Applications Kit	Accessories	Small 50	Koine 4	Koine 35	Step 120	Prestige
1107005		<b>Fireproofing, mortar and cementitious stucco gun kit</b> <ul style="list-style-type: none"> <li>• Spray gun</li> <li>• Deflector Ø 12 mm (1/2") for traditional mortar</li> <li>• Deflector Ø 10 mm (3/8") - 14 mm (9/16") for premixed mortars</li> <li>• 50' of hose Ø 25 mm (1") for material with cam couplings</li> <li>• 53' of air hose Ø 13 mm (9/16") with Geka couplings</li> <li>• No. 1 Spray gun cleaner</li> <li>• No. 1 sponge Ø 30 mm (1-1/4")</li> </ul>	●				
1107006		<b>Injection kit</b> <ul style="list-style-type: none"> <li>• Pressure meter unit and pressure gauge</li> <li>• Brass fitting M. 1" F. 3/4"</li> <li>• Small 50 spray gun with 1 deflector with hose connector Ø 16 mm (5/8")</li> <li>• 33' of hose Ø 25 mm (1") for material with cam couplings</li> <li>• 16' of hose Ø 25 mm (1") for material with cam couplings</li> <li>• Spray gun cleaner and sponge Ø 30 mm (1-1/4")</li> </ul>	●				
1107009		<b>Painting kit</b> <ul style="list-style-type: none"> <li>• Spray gun + deflectors Ø 5 - Ø 6 mm (1/4")</li> <li>• 33' of hose Ø 19 mm (3/4") mm for material with cam couplings</li> <li>• 52' of air hose Ø 13 mm (9/16") with Geka couplings</li> <li>• Spray gun cleaner and sponge Ø 25 mm (1")</li> <li>• Hose reduction device</li> </ul>	●				
1107010		<b>Stucco and waterproofing gun kit</b> <ul style="list-style-type: none"> <li>• Spray gun</li> <li>• Deflectors Ø5 (3/16") - Ø6 (1/4") - Ø8 (3/8") - Ø12 mm (1/2")</li> <li>• Deflector with hose connector Ø 16 mm (5/8")</li> <li>• 33' + 16' of hose Ø 25 mm (1") for material with cam couplings</li> <li>• 53' of air hose Ø 13 mm (9/16") with Geka couplings</li> <li>• Spray gun cleaner and sponge Ø 30 mm (1-1/4")</li> </ul>	●				
1107091		<b>Self-Levelling and grout kit</b> <ul style="list-style-type: none"> <li>• No. 1 remote control (wire lenght 53')</li> <li>• No. 1 rotor D8-1.5 ECO (rif.1107031)</li> <li>• No. 1 Stator D8- 1.5 (rif.1107028)</li> <li>• No. 1 electric device for remote control plugging</li> <li>• No. 1 self levelling mixer</li> </ul>		●			

# ACCESSORIES & SPARE PARTS

Part number	Stators and rotors	Accessory	Small 50	Koine 4	Koine 35	Step 120	Prestige
1107020		Stator D 6-3 <ul style="list-style-type: none"> <li>• Color: orange</li> <li>• Max. grain size 1/16"</li> <li>• Flow rate CF/h** 70</li> <li>• Working pressure 435 PSI</li> </ul>		●			
1107021		Rotor D 6-3 – ORANGE		●			
1107018		Stator D 6-3 GOLD no spinning <ul style="list-style-type: none"> <li>• Color: gold</li> <li>• Max. grain size 1/16"</li> <li>• Flow rate CF/h** 70</li> <li>• Working pressure 435 PSI</li> </ul>		●			
1107019		Rotor D 6-3 – GOLD		●			
1107022		Stator D 5- 2,5 <ul style="list-style-type: none"> <li>• Color: grey</li> <li>• Max. grain size 1/8"</li> <li>• Flow rate CF/h** 85</li> <li>• Working pressure 360 PSI</li> </ul>		●			
1107023		Rotor D 5- 2.5 – GREY		●			
1107024		Stator D 7-2.5 <ul style="list-style-type: none"> <li>• Color: white</li> <li>• Max. grain size 1/8"</li> <li>• Flow rate CF/h** 85</li> <li>• Working pressure 360 PSI</li> </ul>		●			
1107025		Rotor D7- 2.5 – WHITE		●			
1107026		Stator D 8-2 <ul style="list-style-type: none"> <li>• Color: black</li> <li>• Max. grain size 1/8"</li> <li>• Flow rate CF/h** 106</li> <li>• Working pressure 290 PSI</li> </ul>		●			
1107027		Rotor D 8-2 – BLACK		●			

Applications Kit / Stators and Rotors

NOTE Performances can change depending on the material and the machines model used. \*\*Flow rate referred to 400 rev / min of the motor







# ACCESSORIES & SPARE PARTS

Part number	Stators and rotors	Accessory	Small 50	Koine 4	Koine 35	Step 120	Prestige
1107030		<p>Stator D 8-1.5 ECO</p> <ul style="list-style-type: none"> <li>• Color: green</li> <li>• Max. grain size 3/16"</li> <li>• Flow rate CF/h** 110</li> <li>• Working pressure 220 PSI</li> </ul>	●				
1107031		Rotor D 8-1.5 ECO – GREEN	●				
1107084		<p>Stator ECO STAR</p> <ul style="list-style-type: none"> <li>• Color: violet</li> <li>• Max. grain size 3/32"</li> <li>• Flow rate CF/h** 76</li> <li>• Working pressure 290 PSI</li> </ul>			●		
1107085		Rotor ECO STAR – VIOLET			●		
1107032		<p>Stator for fine materials</p> <ul style="list-style-type: none"> <li>• Color: yellow</li> </ul>	●				
1107033		Rotor for fine materials - YELLOW	●				

NOTE Performances can change depending on the material and the machines model used. \*\*Flow rate referred to 400 rev / min of the motor






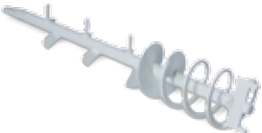







# ACCESSORIES & SPARE PARTS

Part number	Stators and rotors	Accessory	Small 50	Koine 4	Koine 35	Step 120	Prestige
1107077		Stator 2L6 <ul style="list-style-type: none"> <li>• Color: yellow</li> <li>• Max. aggregate size 1/4"</li> <li>• Working pressure 435 PSI</li> </ul>				●	●
1107078		Rotor 2L6				●	●
1107110		Stator IM25L for mortar and grout <ul style="list-style-type: none"> <li>• Color: blue</li> <li>• Flow rate l/min</li> <li>• Max. aggregate size 3/8"</li> <li>• Working pressure 220 PSI</li> </ul>				●	
1107111		Rotor IM25L				●	
1107081		Stator 60.12 for self-leveling and high flow grouts <ul style="list-style-type: none"> <li>• Color: yellow</li> <li>• Flow rate 12 CY/h</li> <li>• Max. aggregate size 3/8"</li> <li>• Working pressure 220 PSI</li> </ul>				●	
1107083		Rotor 60.12				●	







Stators and Rotors

NOTE Performances can change depending on the material and the machines model used. \*\*Flow rate referred to 400 rev / min of the motor

# ACCESSORIES & SPARE PARTS




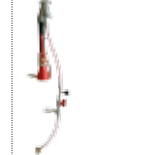








Part number	Mixers	Accessory	Small 50	Koine 4	Koine 35	Step 120	Prestige
1107542		Standard mixer		●	●		
1107100		Standard mixer		●	●		
1107541		Mixer for light materials		●	●		
1107590		Mixer for light materials		●	●		
1107517		Turbo mixer		●	●		
1107597		Mixer for self-levelling mortars		●	●		
3223347		Scraping rod for mixing chamber		●	●		
3224916		Scraping rod for mixing chamber		●	●		
3223349		Cleaning scraper for mixing chamber		●	●		
3223352		Motor gearbox coupling		●	●		
3223354		Screw pump installation tool		●	●		

# ACCESSORIES & SPARE PARTS













Part number	Spray guns	Accessory	Small 50	Koine 4	Koine 35	Step 120	Prestige
1107011		Stucco and waterproofing guns	●		●		
1107540		Fireproofing and mortar gun kit	●	●	●		
1107549		5' overhead wand for fireproofing	●	●	●		●
1107568		Spray gun Ø 25 mm (1" F)					●
1107577		Spray gun for mortar and fireproofing Ø 35 mm (1-3/8")				●	●
1107504		Tuck-pointing gun kit	●				

Mixers / Spray Guns

# ACCESSORIES & SPARE PARTS

Part number	Components for spray guns	Accessory	1107540	1107011	1107549	1107568	1107577
							
1107551		10-piece kit: Deflector Ø 10 mm (3/8") (Duse) for premixed plaster	●		●	●	●
1107552		10-piece kit: Deflector Ø 12 mm (1/2") (Duse) for premixed plaster	●		●	●	●
1107553		10-piece kit: Deflector Ø 14 mm (9/16") (Duse) for premixed plaster	●		●	●	●
1107554		10-piece kit: Deflector Ø 16 mm (5/8") (Duse) for premixed plaster	●		●	●	●
1107557		5-piece kit: Deflector Ø 10 mm (3/8"), of polyurethane (IMER)-traditional plaster	●				●
1107558		5-piece kit: Deflector Ø 12 mm (1/2"), of polyurethane (IMER)-traditional plaster	●				●
1107559		5-piece kit: Deflector Ø 14 mm (9/16"), of polyurethane (IMER)-traditional plaster	●				●
1107560		5-piece kit: Deflector Ø 16 mm (5/8"), of polyurethane (IMER)-traditional plaster	●				●
1107561		3-piece kit: Deflector Ø 5 mm (3/16") hardened steel for painting, smoothing and spacing		●			
1107562		3-piece kit: Deflector Ø 6 mm (1/4") hardened steel for painting, smoothing and spacing		●			
1107563		3-piece kit: Deflector Ø 8 mm (3/8") hardened steel for smoothing		●			
1107564		3-piece kit: Deflector Ø 12 mm (1/2") hardened steel for spacing with the help of compressor		●			
1107604		Kit deflectors Ø 5 (3/16") -6 (1/4") -8 (5/16") -12 (1/2") -16 mm (5/8") hardened stainless steel		●			
1107566		3-piece kit with hose connector Ø 16 mm (5/8")		●			
3209356		Eyebolt for spray gun	●		●	●	●
3223345		Head for spray gun	●		●	●	

# ACCESSORIES & SPARE PARTS




Part number	Components for spray guns	Accessory	1107540	1107011	1107549	1107568	1107577
							
3223348		Plastic pipe for spray gun	●			●	
3224361		Camlock coupling for spray gun Step 120					●
3226721		Head for spray gun Step 120					●
3224701		Camlock coupling for spray gun	●	●	●	●	
3224830		Gasket for Camlock coupling	●	●	●	●	
3225598		Air pipe with valve for spray gun	●				●
3223694		Cleanout file for stator/rotor and spray gun	●	●	●	●	●

Spray Guns

# ACCESSORIES & SPARE PARTS

Part number	Hoses	Accessory	Part number	Hoses	Accessory
1107529		33' of hose Ø 19 mm (3/4") mm for material with cam couplings	3224706		Cam couplings Ø 19 mm (3/4") F
1107525		50' of hose Ø 25 mm (1") for material with cam couplings	3224701		Cam couplings Ø 25 mm (1") F
1107526		33' of hose Ø 25 mm (1") for material with cam couplings	3224492		Cam couplings Ø 50 (2") F
1107527		16' of hose Ø 25 for material with cam couplings	3224869		Gasket for Camlock coupling Ø 19 mm (3/4")
1107528		33' of hose Ø 35 mm (1-3/8") for material with cam couplings	3224830		Gasket for Camlock coupling Ø 25 mm (1")
1107533		33' rubber hose Ø 50 (2") with cam couplings	3224831		Gasket for Camlock coupling Ø 35
1107534		66' rubber hose Ø 50 (2") with cam couplings	3224499		Gasket for Camlock coupling Ø 50 (2")
1107579		66' material hose with cam couplings for Silent 300cl	3225891		Gasket for Camlock coupling Ø 65 (2-1/2")
1107074		16' of material hose Ø 25 mm (1") M35/M25 with cam couplings	3224498		Camlock lever Ø 19 mm (3/4")
1107075		66' of material hose Ø 35 (1-3/8") M50/F35 with cam couplings	3224498		Camlock lever Ø 25-35-50
1107203		Material Hose Ø 50 (2") F - Ø 35 mm (1-3/8") Lenght 33'	3225929		Repairing Camlock coupling for hose Ø 19 mm (3/4") M
1107578		33' of material hose Ø 60 mm (2-3/8") with cam couplings	3225933		Repairing Camlock coupling for hose Ø 25 mm (1") M
1107530		16' of air hose Ø 13 mm (9/16") with Geka couplings	3225935		Repairing Camlock coupling for hose Ø 35 mm (1-3/8")
1107531		33' of air hose Ø 13 mm (9/16") with Geka couplings	3225937		Repairing Camlock coupling for hose Ø 50 (2") M
1107532		52' of air hose Ø 13 mm (9/16") with Geka couplings	3225940		Repairing Camlock coupling for hose Ø 50 (2") M for Ø 35 hose
3228464		Water hose 98'			

# ACCESSORIES & SPARE PARTS

Part number	Hoses	Accessory	Part number	Hoses	Accessory
3225930		Repairing Camlock coupling for hose Ø 19 mm (3/4") F	1107519		10-piece kit: sponge for cleaning hose Ø 25 mm (1")
3225934		Repairing Camlock coupling for hose Ø 25 mm (1") F	1107520		10-piece kit: sponge for cleaning hose Ø 35 mm (1-3/8") mm
3225936		Repairing Camlock coupling for hose Ø 35 mm (1-3/8") F	1107521		10-piece kit: sponge for cleaning hose Ø 50 (2") mm
3230909		Repairing Camlock coupling for hose Ø 50 (2") F for Ø 35 mm (1-3/8") hose	1107522		10-piece kit: sponge for cleaning hose Ø 60 mm (2-3/8")
3225938		Repairing Camlock coupling for hose Ø 50 (2") F	3223728		Geka coupling with hose connector Ø 18 mm (11/16")
3225941		Clamp for material hose Ø 28-35	3223615		Geka coupling with hose connector Ø 13 mm (9/16")
3225942		Clamp for material hose Ø 32-40	3224818		Geka coupling with hose connector Ø 10 mm (3/8")
3225943		Clamp for material hose Ø 39-48	3223428		Geka coupling with female thread 1"
3225944		Clamp for material hose Ø 60-76	3224382	Geka coupling with female thread 1/2"	
1107565		Camlock fitting kit Ø 35 mm (1-3/8") F-Ø 25 mm (1") M	3223636		Geka coupling with female thread 3/4"
1107087		Cleaning kit for hose material Ø 35 mm (1-3/8")	3230172		Geka coupling with female thread 3/8"
1107103		Cleaning kit for hose material Ø 25 mm (1")	3223722		Geka coupling with male thread 1"
1107104		Cleaning kit for hose material Ø 50 (2")	3224203		Geka coupling with male thread 1/2"
1107105		Cleaning kit for hose material Ø 65 (2-1/2")	3223614		Geka coupling with male thread 3/4"
			3223404		Geka coupling with male thread 3/8"
			3223697		Geka coupling gasket

Hoses

# ACCESSORIES & SPARE PARTS

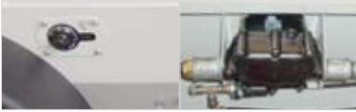




Part number	Plaster sprayers Accessories	Accessory	Small 50	Koine 4	Koine 35	Step 120	Prestige
1107016		Vibrating hopper	●				
1107510		Vibrating grate	●				
1107512		Pressure gauge	●				
1107515		Injection pressure regulator	●				
1107543		Dual diaphragm compressor	●				
1107544		50' remote control extension	●			● 220V	
1107545		53' remote control	●			● 220V	
1107569		Grate for premixed materials				●	
1107574		120' remote control		●		●	
1107570		Pipe hook Ø 25 mm (1")	●	●	●		



# ACCESSORIES & SPARE PARTS

Part number	Plaster sprayers Accessories	Accessory	Small 50	Koine 4	Koine 35	Step 120	Prestige
1107500		Blower hood		●			
1107501		Blower hood		●	●		
3224493		220V power cord, 66'			●		●
1107001		Five-function radio remote control unit					●
1107036		Vibrating grate					●
1107086		Wired remote control (with 164' cable)					●
1107088		Stator/rotor kit 2L6				●	●
1107149		Stator/rotor kit IM25L				●	●
1107090		Stator/rotor kit 60.12				●	●
1107161		Pintle towing ring towing kit 2-3/4" x 1" mm				●	●

# ACCESSORIES & SPARE PARTS

Part number	Plaster sprayers Accessories	Accessory	Small 50	Koine 4	Koine 35	Step 120	Prestige
1107207		Mechanical water meter system					●
1107208		Hydraulic power washer					●
1107209		AQUA CONTROL electronic water meter system					●
3225836		Pump pressure adjustment kit				●	●
3225846		Small 50 hopper cap (washing sponge Ø 40 [2-3/8"])	●				



# Mixing

premixed conventional materials and fine mortar



# MORTARMAN 120 Plus

Portable vertical shaft mixer

## APPLICATIONS

Ideal for mixing bagged premixed materials, dry-pack, fireproofing and cements with aggregates up to 3/8"

60 Hz



**Mortarman 120 Plus**  
110V/60Hz 2 HP 1 Phase  
Model # 1194302



✓ Easy load wheels for loading onto pick-ups or vans

✓ Effective output of 3 CF per batch

✓ Heavy duty electric control panel with forward and reverse

✓ Wheels for rolling around on the job site



✓ Discharge outlet



✓ 110V, 2 HP heavy duty motor

✓ Legs adjust for various discharge heights

## Standard Equipment

- ✓ Thermal-magnetic switch
- ✓ Electric safety limit switch for top grate
- ✓ Grate with bag-splitting blade
- ✓ Extendable handles
- ✓ Additional wheels
- ✓ Lifting hooks

Drum capacity	CF	4.5
Batch output	CF	3
Drum diameter	In.	30
Max aggregate size	In.	3/8
Paddle speed	rpm	38
Electric motor power rate 110V/60Hz	HP	2
Current draw	A	15
SPL in operator's position	dB(A)	70
Machine weight (packing)	Lbs.	286 (310)
Dimensions l/h/w (packing)	In.	33/50/30 (35/38/31)

## MIX COMPLETELY AND QUICKLY



The paddles are always in the mix, working hard. Even stiff muds are mixed thoroughly and completely.



## CONCRETE



# BOOSTER 15

2-cylinder piston pump with "S"- Valve

## APPLICATIONS

For pumping concrete, shotcreting and high strength grouts



**Booster 15**  
Model # 1106120



Soundproofed engine compartment



Compact dimensions, easy on-site transport and better handling



Pump with exclusive SOFT SPRITZ system used to inject additives for shotcrete applications even at low flow rates



## CONTROL PANEL



Antivibration control panel with electromechanical controls

## Standard Equipment

- ✓ 4-cylinder liquid cooled Diesel engine, Kohler FOCS – 35 HP
- ✓ Concrete hopper with agitator
- ✓ Grid with 12V vibrator
- ✓ Hydraulic system with reversing
- ✓ Pumping unit with S-valve for automatic compensation of clearance and wear
- ✓ 4" Heavy Duty delivery manifold (Ø 4")
- ✓ Control panel with electromechanical controls
- ✓ Four-function remote control via cable
- ✓ Piston head installation and extraction tool kit
- ✓ Complete with heavy duty highway tow package
- ✓ Accessory box
- ✓ Grease pump



+



→



✓ Electronic proximity sensors control the S-valve and piston action

✓ 2-cylinder piston pump (4"), hydraulically driven.

✓ Hopper is hinged for quick cleanup and easy maintenance



✓ 4" Heavy duty concrete pipe connection

✓ Articulated tow bar to accommodate different tow hitch heights

✓ Long lasting removable rear light panel

✓ Torsion bar suspension for smooth towing in any condition

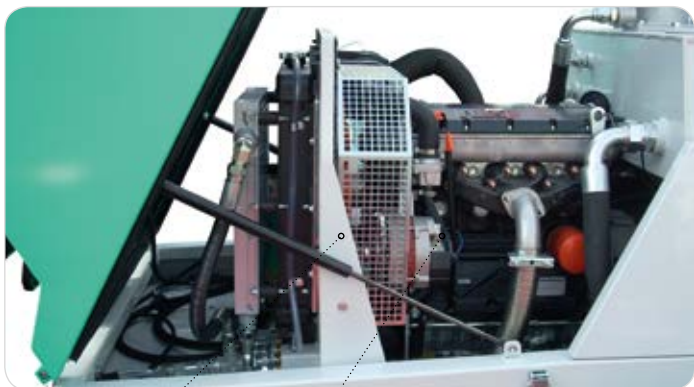
Diesel engine	-	Kohler FOCS 4 cil. Mod. 1404
Installed power rate	HP	35
Pumping system	-	Two-cylinder with hydraulic control
Max grain size	In.	1"
Flow rate (*)	CY/h	3-20
Pumping pressure (*)	PSI	1,000
Pipe outlet	-	Heavy Duty 4"
Hopper capacity	CF	7
Loading height	In.	42.5
Dimensions length/width/height	In.	156/57/60
Weight	Lbs.	3,100

\*NOTE The max flow rate and the max pumping pressure cannot be performed at the same time.

# BOOSTER 15

2-cylinder piston pump with "S"- Valve

## COOLING SYSTEM



- ✓ COOL FAST large-sized cooling system for use in extreme conditions
- ✓ Pump with exclusive SOFT SPRITZ system to ensure high pumping performance even at low flow rates
- ✓ Engines that meet the latest EPA regulations. Well soundproofed engine compartment

## HOPPER



- ✓ S-valve with self-seal collar. Automatically compensating S-valve senses wear and adjusts to keep a high tolerance
- ✓ Two-way hopper mixer

## REMOTE CONTROL

- ✓ Four-function remote control via cable (Standard)



- ✓ Part # 1107001 Five - function radio remote control unit with output and adjustment (Optional)



- ✓ Tow with confidence with the smooth towing torsion bar suspension, adjustable tow bar, surge brake, full complement of tow lights and reflectors and easy roll and leveling jack stand.





# Setups



## Kit for Concrete Pumping Part # 1106123

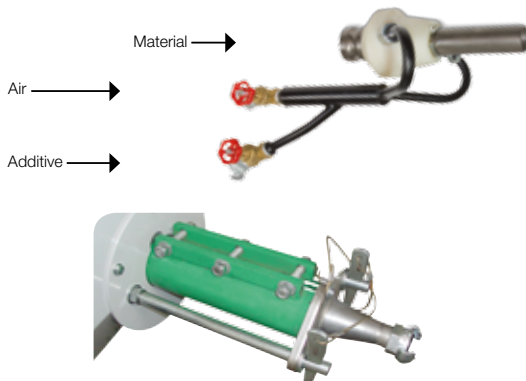
- 7 steel pipe dn 4" X 10' HD
- 1 Rubber hose dn 4" X 10' HD
- 2 Steel bend dn 4", 90° HD
- 2 steel bend dn 4", 45° HD
- 12 Heavy Duty coupling dn 4"
- 15 gasket for Heavy Duty coupling dn 4"
- 2 cleaning ball
- 1 basket for cleaning ball recovery dn 4"
- 1 90° bend with ball inlet port
- 1 bend top ø 4" HD



## Kit for Shotcreting SPRITZBETON Part # 1106124

- 2 rubber hose diam. 33' Victaulic 2" - Victaulic 2"
- 1 rubber hose diam. 33' Victaulic 2" - cam dn 50 mm
- 1 complete hopper grid 5/8" mesh
- 1 spritz beton gun dn 50 with fast Geka coupling 3/4" for air
- 1 reduction cone dn 4" - 50 mm (2") Heavy Duty l= 39"
- 1 hanging belt for hose
- 2 cleaning ball for hose diam. 2"
- 1 Heavy Duty coupling dn 4"
- 2 gasket for Heavy Duty coupling dn 4"
- 3 Victaulic coupling dn 2"
- 6 gasket for Victaulic coupling dn 2"
- 1 gasket for cam coupling dn 50

Recommended compressor 185 CFM



## Kit for Fast Setting Additive Part # 1107172

- Pumping Unit (hydraulic motor and screw pump with 3/4" manifold)
- 4 m hose for connection to additive tank
- Spray gun for shotcreting ID 50 complete with cam coupling, 3/4" Geka coupling and connector for additive
- Control panel with manual/automatic additive flow adjustment (proportional to concrete output)

# CONCRETE Accessories

Part number

Accessory

1107170



Kit automatic lubricating system

1107171



Kit high pressure water jet cleaner

1107001



Five-function radio remote control unit with output adjustment

1107196



Hopper extension kit 380 l (rubber)

1107197



Hopper extension kit 500 l (steel)

## Accessories for DN100 (4")

1107183



Cleaning ball for hose Ø 100 (4")

## Accessories for DN 50 (2") - shotcreting

1107192



Spritz beton gun ID50 with fast Geka coupling 3/4" for air and fast setting additive

1107187



Reduction cone. ID 100(4")-ID 50(2") Victaulic L=1000

1107188



Rubber hose Ø 50 (2") L.10 mt Victaulic 2" - Victaulic 2"

1107189



Rubber hose Ø 50 (2") mm l. 10 mt Victaulic 2" - cam ID 50

1107181



Victaulic coupling ID 2"

1107182



Kit no. 5 Gaskets for Victaulic coupling ID 2"

# Machine Application Chart

	Conventional Mortar (non-premixed)	Ready-Mixed (Premixed) Mortars	Self-Levelling Underlayments	Traditional Floor Screed (dry-pack)	Shotcrete	Concrete and Micro-Concrete	Fireproofing
<b>Koine 35</b>	✗	✓	✓	✗	✗	✗	✓
<b>Koine 4</b>	✗	✓	✓	✗	✗	✗	✓
<b>Small 50</b>	✓	✓	✓	✗	✗	✗	✓
<b>Step-up 120</b> 3 phase	✓	✓	✓	✗	✓	✓	✓
<b>Step-up 120</b> Single phase	✓	✓	✓	✗	✗	✗	✓
<b>Prestige</b>	✓	✓	✓	✗	✓	✓	✓
<b>Mortarman 120+</b>	✓	✓	✓	✓	✓	✓	✓
<b>Booster 15</b>	✗	✗	✓	✗	✓	✓	✗
<b>Step 120a</b>	✗	✗	✓	✗	✓	✓	✗

- ✓ Ideal
- ✓ Possible
- ✗ Not recommended



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