

masler

SPRAYING TECHNOLOGY SRL



PRODUCT

CATALOGUE

MASONRY INJECTIONS | CONSOLIDATION | TUNNELING | MINING



With over 40 years of experience MASTER Spraying Technology is a dynamic company that produces injection equipment and accessories with a wide range of innovative products and projects.

MASTER Spraying Technology offers diversified solutions for all fields:



Mining



Masonry injections



Consolidation



Tunneling

MASTER Spraying Technology is a reliable and prepared partner to follow at best your work needs. Our flexible structure allows us to meet the needs of customers with accuracy both in normal work and in special and customized projects.

MASTER Spraying Technology owes its success to a rich patrimony of ideas and ongoing technological development aimed at maximizing productivity and product differentiation.

Monocomponent	Type	Bicomponent	Type
IRON 21000	Electric	SILVER 9 2K	Electric
IRON 440000	Electric	SILVER 9 3K	Electric
GOLD 4200	Electric	SILVER 18 2K	Electric
GOLD 6500	Electric	SILVER 18 3K	Electric
GOLD 11000	Electric	SILVER 25 2K	Electric
ARGON 30	Pneumatic	SILVER 2:1 2K	Electric
ARGON 40	Pneumatic	SILVER 40 2K	Pneumatic
ARGON 48	Pneumatic	SILVER 40 2K	Pneumatic
M1 GT1	Drill	SILVER 50 2K	Pneumatic
BX 48	Pneumatic	M2	Drill / Engine
DIAMOND 50	Electric	GT2 GT3	Drill / Engine / Pneum.



IRON 21000
Electric
1K

8



ARGON 48
Pneumatic
1K

22



SILVER 25
Electric
2K | 3K

42



GT3
Drill, Electric, Pneumatic
3K

58



IRON 44000
Electric
1K

10



M1
Press Pump
1K

24



SILVER 2:1
Electric
2K | 3K

44



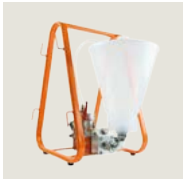
Lance Injection
Lance 1K
Lance 2K | 3K

62



GOLD 4200
Electric
1K

12



GT1
Drill, Electric, Pneumatic
1K

26



SILVER 15
Pneumatic
2K

46



Packer
Packer Aluminium, Conical Packer, Lamellar Packer, Hydraulic Packer

66



GOLD 6500
Electric
1K

14



BX 36
Pneumatic
1K

28



SILVER 40
Pneumatic
2K | 3K

48



Accessories
Hoses, Dump Valves, Pressure Gauges, Nipples, Regulators, Steck-O Adapters, Adapters

73



GOLD 11000
Electric
1K

16



DIAMOND 50
Electric
1K

30



SILVER 50
Pneumatic
2K | 3K

52



Suction System
Suction systems flexible, Mini Filters, Gravity Hoppers

86



ARGON 30
Pneumatic
1K

18



SILVER 9
Electric
2K | 3K

34



M2
Press Pump
2K | 3K

54



Mixer
Electric Mixer, Pneumatic Mixer

94



ARGON 40
Pneumatic
1K

20



SILVER 18
Electric
2K | 3K

38



GT2
Drill, Electric, Pneumatic
2K

56



Heating Systems
Heating Hoses, Heating Bands, Heating Jackets

98

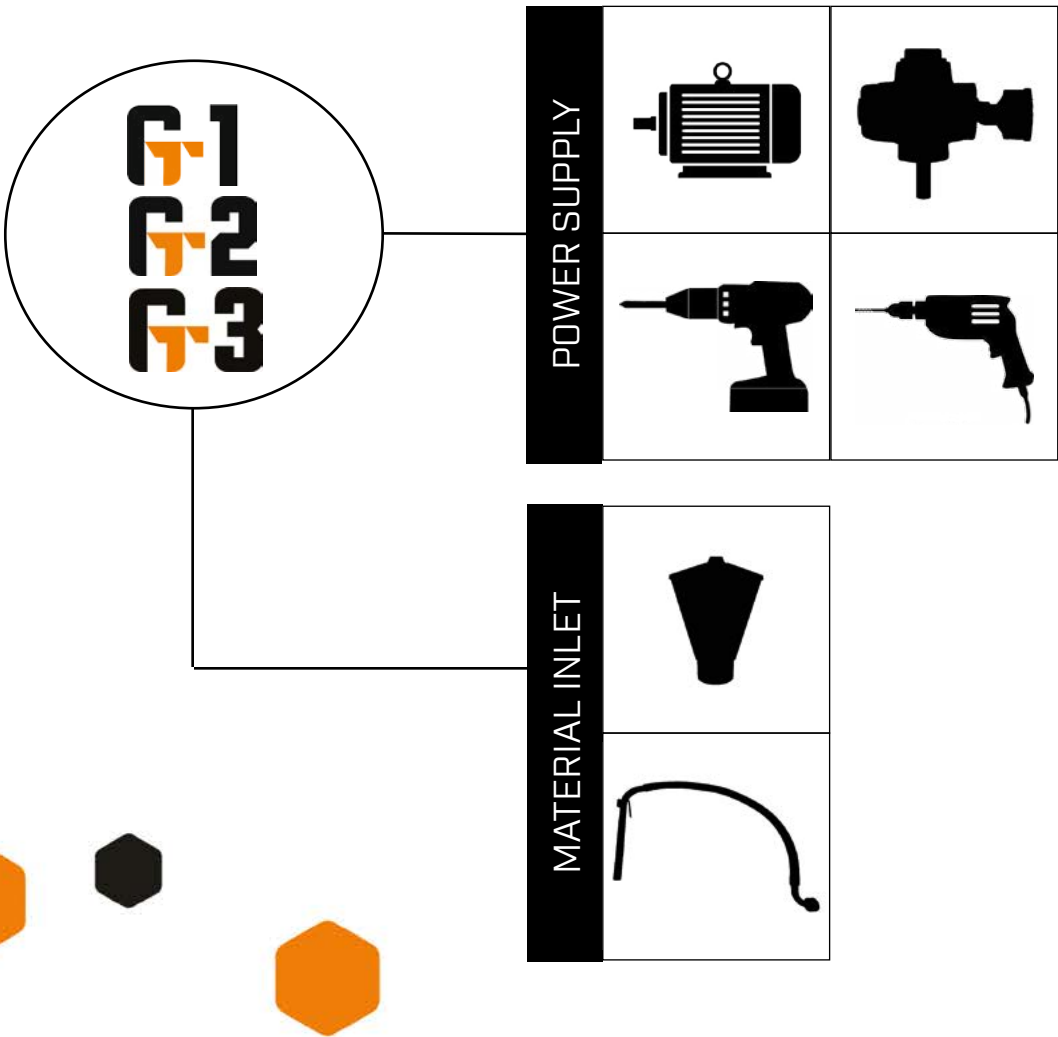
LET’S DISCOVER THE NEW FAMILY OF INJECTION PUMPS:

GT1 GT2 GT3

Perseverance, dreams and the desire for innovation have inspired us to create a new project with the aim to revolutionize the world of resin injection. The experience gained over the years and the enthusiasm with which we tackle new projects has given life to three new models of injection equipment for 1K - 2K - 3K resins.

GT 1 | GT 2 | GT 3 were created to simplify and speed up injection jobs. The new GT equipment is available with both a cordless drill, an electric drill and a single-phase electric motor. These are versatile devices that make them unique in their kind. They are compact and easy to move. They can work both with suction systems and with 6 ltr. gravity tank

CHOOSE YOUR CONFIGURATION



1K
Monocomponent
equipment

3K
3K equipment
with cleaning
pump

2K
Bicomponent
Equipment

APPLICATION

- Polyurethane resin (PU)
- Silicate resin (PUS)
- Acrylic resin

MONOCOMPONENT ELECTRIC SYSTEMS

IRON 21000 | IRON 44000

High-Performance electric hydraulic piston pump projected to inject single-component coatings in medium and high pressure. Fully autonomous injection system.

GOLD 4200 | GOLD 6500 | GOLD 11000

High-Performance electric diaphragm pump projected to inject single-component coatings in medium and high pressure. Fully autonomous injection system.

M1

Strong and reliable mono-component drill pump. Lightweight and easy to carry. We chose HILTI quality for our M1 pump.

DIAMOND

Peristaltic pump designed to inject single-component coatings. Ideal for medium pressure injections of cementitious products.



MONOCOMPONENT PNEUMATIC SYSTEMS

ARGON 30 | ARGON 40 | ARGON 48

High-Performance pneumatic piston pump designed to inject one-component coatings. Ideal for all those working site where electricity is not present or it is not allowed to be used.

BX

Double diaphragm pump designed to inject single-component products. Ideal for low pressure injections of cementitious products



IRON 21000 INJ



PERFORMANCES

- Easy maintenance
- Heavy duty grouting jobs
- Safe use
- Reliable electric motor with safety protection
- Strong and long life component
- Self-adjustment of upper packing
- Direct suction from container or possibility to assemble suction system kit

6,5
l/min.



Ref.	Description	
IRON21AI	IRON 21000 Hydraulic Piston Pump - s.s. - Volt 230/50 Hz - Single-phase - On Trolley - w/Oleodynamic Pressure Gauge - Return Hose - Direct Suction	
IRON21BI	IRON 21000 Hydraulic Piston Pump - s.s. - Volt 380/50 Hz - Three-phase - On Trolley - w/Oleodynamic Pressure Gauge - Return Hose - Direct Suction	

TECHNICAL DATA

IRON 21000			
Engine Volt		230 Volt	380 Volt
		50 Hz	50 Hz
Power		3 HP	3 HP
Max. Delivery	ltr/min	6,5	6,5
Max. Pressure Bar (PSI)		210 (3046)	210 (3046)
Max. Hose length		100 mt	100 mt
Weight (bare)		76 kg.	76 kg.

STANDARD SET UP

Part no. IRON21IS

- Pump on trolley
- Pressure Gauge
- HP Hose mt. 10
- HP Dump Valve, s.s.



APPLICATIONS

Monocomponent Injection

- Acrylate gels
- Epoxy resins
- Polyurethane resins and most of the coating for single-component injection



APPLICATION'S FIELDS

Monocomponent Injection

- Masonry Injections
- Consolidation
- Tunneling



INJECTION PACK

Ref.	Description	
IRON21IS	IRON 21000 Hydraulic Piston Pump - s.s. - Volt 230/50 Hz - Single-phase - On Trolley - w/Oleodynamic Pressure Gauge - Return Hose - Direct Suction Complete with: HP Hose 3/8" mt 10 fitting 16x1,5 HP Dump valve M1/4" - M1/8"	
IRON21BIS	IRON 21000 Hydraulic Piston Pump - s.s. - Volt 380/50 Hz - Three-phase - On Trolley - w/Oleodynamic Pressure Gauge - Return Hose - Direct Suction - Complete with: HP Hose 3/8" mt 10 fitting 16x1,5 HP Dump valve M1/4" - M1/8"	

SUGGESTED SPARE PARTS

Ref.	Description	
21603	Upper & Lower Packing Kit	
21618	Compression Valve Kit	
13649	Suction Valve Kit	
23162	Non return valve	

SUGGESTED ACCESSORIES

Ref.	Description	
M23050	HP Dump Valve F1/4" - s.s.	
M383838	Non Return valve HP F3/8" - s.s.	
60030	HP Hose D.3/8" M16x1.5 10 mt.	
66561	Mouth piece	

IRON 44000 INJ



PERFORMANCES

- Easy maintenance
- Heavy duty grouting jobs
 - Safe use
- Reliable electric motor with safety protection
- Strong and long life component
- Self-adjustment of upper packing
- Direct suction from container or possibility to assemble suction system kit

14
l/min.



Ref.	Description	
IRON44AI	IRON 44000 Hydraulic Piston Pump - s.s. - Volt 380/50 Hz - Three-phase - On Trolley - w/Oleodynamic Pressure Gauge - Return Hose - Direct Suction	
IRON44BI	IRON 44000 Hydraulic Piston Pump - s.s. - Gas Engine - On Trolley - w/Oleodynamic Pressure Gauge - Return Hose - Direct Suction	

TECHNICAL DATA

IRON 44000			
Motor Volt		380 Volt	HONDA
		50 Hz	
Power		5,5 HP	13 HP
Max. Delivery	ltr/min	14,0	14,0
Max. Pressure	Bar (PSI)	280 (4061)	280 (4061)
Max. Hose length		100 mt	100 mt
Weight (bare)		130 kg.	130 kg.

STANDARD SET UP

Part no. IRON44IS

- Pump on trolley
- Pressure Gauge Kit
- HP Hose mt. 10
- HP Dump Valve in s.s.



APPLICATIONS

Monocomponent Injection

- Acrylate gels,
- Epoxy Resin,
- Polyurethane resins and most of the coating for single-component injection



APPLICATION'S FIELDS

Monocomponent Injection

- Masonry injections
- Consolidation
- Tunneling



INJECTION PACK

Ref.	Description	
IRON44IS	IRON 44000 Hydraulic Piston Pump - s.s. - Volt 380/50 Hz - Three-phase - On Trolley - w/Oleodynamic Pressure Gauge - Return Hose - Direct Suction Complete with: HP Hose 3/8" mt 10 fitting 16x1,5 HP Dump valve M1/4" - M1/8"	
IRON44BIS	IRON 44000 Hydraulic Piston Pump - s.s. - Gas Engine - On Trolley - w/Oleodynamic Pressure Gauge - Return Hose - Direct Suction - Complete with: HP Hose 3/8" mt 10 fitting 16x1,5 HP Dump valve M1/4" - M1/8"	

SUGGESTED SPARE PARTS

Ref.	Description	
44318	Compression Valve Kit	
44348	Suction Valve Kit	
44803	Upper & Lower Packing Kit	
23162	Non return valve	

SUGGESTED ACCESSORIES

Ref.	Description	
M23050	HP Dump Valve F1/4" - s.s.	
M383838	Non Return valve HP F3/8" - s.s.	
60030	HP Hose D.3/8" M16x1.5 10 mt.	
66561	Mouth piece	



PERFORMANCES

- Easy maintenance
- Portable: small and handy
 - Easy to carry
 - Safe use
- Reliable electric motor with safety protection
- Strong and long life component

4
l/min.



Ref.	Description	
GOLD42SA	GOLD 4200 Electric Diaphragm Pump - Volt 230 /Hz.50 - Singlephase - on support	
GOLD42A	GOLD 4200 Electric Diaphragm Pump - Volt 230 /Hz.50 - Singlephase - on trolley	

TECHNICAL DATA

GOLD 4200		
Motor Volt		230 Volt
		50 Hz
Power		1 HP
Max. Delivery	ltr/min	4,0
Max. Pressure Bar (PSI)		200 (2900)
Max. Hose length		60 mt
Weight (bare)		19 kg.



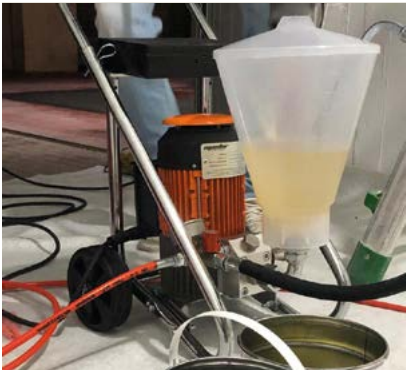
STANDARD SET UP
Part no. GOLD42IS

- Pump on trolley
- Gravity Hopper 6 ltr.
- HP Hose mt.10
- Dump Valve s.s. M1/8"



APPLICATIONS
Monocomponent Injection

- Acrylate gels,
- Epoxy Resin,
- Polyurethane resins and most of the coating for single-component injection



APPLICATION'S FIELDS
Monocomponent Injection

- Masonry injections
- Consolidation
- Tunneling



INJECTION PACK

Ref.	Description	
GOLD42SIS	GOLD 4200 Electric Diaphragm Pump - Volt 230 /Hz.50 - Singlephase - on support - Complete with: HP Hose 1/4" mt 10 fitting 16x1,5 Gravity Hopper Kit Lt. 6 Pressure Gauge Kit HP Dump Valve s.s. Flex Hose. cm. 30	
GOLD42IS	GOLD 4200 Electric Diaphragm Pump - Volt 230 /Hz.50 - Singlephase - on trolley - Complete with: HP Hose 1/4" mt 10 fitting 16x1,5 Gravity Hopper Kit Lt. 6 Pressure Gauge Kit HP Dump Valve s.s. Flex Hose. cm. 30	

SUGGESTED SPARE PARTS

Ref.	Description	
4318	Compression Valve Kit	
4803	Diaphragm & Support Kit	
10338	Pressure regulating valve	
10348	Suction Valve Kit	

SUGGESTED ACCESSORIES

Ref.	Description	
M23050	HP Dump Valve F1/4" - s.s.	
M383838	Non Return valve HP F3/8" - s.s.	
6211016I	Tubo HP D.1/4" M16x1.5 10 mt.	
66561	Mouth piece	



PERFORMANCES

- Easy maintenance
- Portable: small and handy
 - Easy to carry
 - Safe use
- Reliable electric motor with safety protection
- Strong and long life component

7,5
l/min.



Ref.	Description	
GOLD65A	GOLD 6500 Electric Diaphragm Pump - Volt 230 /Hz.50 - Singlephase - on trolley	

TECHNICAL DATA

GOLD 6500		
Motor Volt		230 Volt
		50 Hz
Power		2 HP
Max. Delivery	ltr/min	7,5
Max. Pressure Bar (PSI)		220 (3190)
Max. Hose length		100 mt
Weight (bare)		41 kg.



STANDARD SET UP
Part no. GOLD65IS

- Pump on trolley
- Gravity Hopper 6 ltr.
- HP Hose mt.10
- Dump Valve s.s. M1/8"



APPLICATIONS
Monocomponent Injection

- Acrylate gels,
- Epoxy Resin,
- Polyurethane resins and most of the coating for single-component injection



APPLICATION'S FIELDS
Monocomponent Injection

- Masonry injections
- Consolidation
- Tunneling



INJECTION PACK

Ref.	Description	
GOLD65IS	GOLD 6500 Electric Diaphragm Pump - Volt 230 /Hz.50 - Singlephase - on trolley - Complete with: HP Hose 1/4" mt 10 fitting 16x1,5 Gravity Hopper 6 ltr Pressure gauge Kit HP Dump valve Flex Hose. cm. 30	
GOLD65IT	GOLD 6500 Electric Diaphragm Pump - Volt 230 /Hz.50 - Singlephase - on trolley - Complete with: HP Hose 1/4" mt 10 fitting 16x1,5 Suction System Kit Pressure gauge Kit HP Dump valve Flex Hose. cm. 30	

SUGGESTED SPARE PARTS

Ref.	Description	
10338	Pressure regulating valve	
10348	Suction Valve Kit	
10618	Compression Valve Kit	
10803	Diaphragm & Support Kit	

SUGGESTED ACCESSORIES

Ref.	Description	
M23050	HP Dump Valve F1/4" - s.s.	
M383838	Non Return valve HP F3/8" - s.s.	
6211016I	Tubo HP D.1/4" M16x1.5 10 mt.	
66561	Mouth piece	



PERFORMANCES

- Easy maintenance
- Portable: small and handy
 - Easy to carry
 - Safe use
- Reliable electric motor with safety protection
- Strong and long life component

9
l/min.



Ref.	Description	
GOLD11A	GOLD 11000 Electric Diaphragm Pump - Volt 230 /Hz.50 - Singlephase - on trolley	

TECHNICAL DATA

GOLD 11000		
Motor Volt		230 Volt
		50 Hz
Power		3 HP
Max. Delivery	ltr/min	9
Max. Pressure Bar (PSI)		220 (3190)
Max. Hose length		100 mt
Weight (bare)		65 kg.



STANDARD SET UP

Part no. GOLD11IS

- Pump on trolley
- Kit Sistema Aspirazione
- HP Hose mt.10
- Dump Valve s.s. M1/8"



APPLICATIONS

Monocomponent Injection

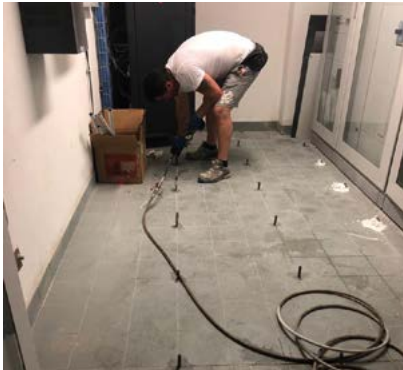
- Acrylate gels,
- Epoxy Resin,
- Polyurethane resins and most of the coating for single-component injection



APPLICATION'S FIELDS

Monocomponent Injection

- Masonry injections
- Consolidation
- Tunneling



INJECTION PACK

Ref.	Description	
GOLD11IS	GOLD 11000 Electric Diaphragm Pump - Volt 230 /Hz.50 - Singlephase - on trolley - Complete with: HP Hose 3/8" mt 10 fitting 16x1,5 Gravity Hopper 6 ltr Pressure gauge Kit HP Dump valve Flex Hose. cm. 30	
GOLD11IT	GOLD 11000 Electric Diaphragm Pump - Volt 230 /Hz.50 - Singlephase - on trolley - Complete with: HP Hose 3/8" mt 10 fitting 16x1,5 Suction System Kit Pressure gauge Kit HP Dump valve Flex Hose. cm. 30	

SUGGESTED SPARE PARTS

Ref.	Description	
10338	Pressure regulating valve	
10348	Suction Valve Kit	
10648	Compression Valve Kit	
10603	Diaphragm & Support Kit	

SUGGESTED ACCESSORIES

Ref.	Description	
M23050	HP Dump Valve F1/4" - s.s.	
M383838	Non Return valve HP F3/8" - s.s.	
60030	HP Hose D.3/8" M16x1.5 10 mt.	
66561	Mouth piece	

ARGON 30



PERFORMANCES

- Easy maintenance
- Portable: small and handy
 - Easy to carry
 - Safe use
- Self-Adjusted packing
- All parts in contact with the coating in stainless steel and Tungsten carbide
- Strong and long life airmotor
- Air motor instant volumetric reversal

7
l/min.



Ref.	Description	
ARGON30A	ARGON 30 Pneumatic Piston Pump - Ratio 30:1 W/pressure reducer - on Trolley	

TECHNICAL DATA

ARGON 30		
Ratio		30:1
Pump Capacity Double Stroke	cm ³	64
Max. Delivery	ltr/min	7,0
Max. Pressure Bar (PSI)		240 (3480)
Max. Air Inlet Pressure Bar (PSI)		8 (116)
Weight (bare)		20 kg.
Air Consumption	ltr/min	250 -750



STANDARD SET UP

Part no. ARGON30IS

- Pump on trolley
- Pressure Reducer
- Flex. Suction System
- HP Hose mt. 10
- Dump Valve s.s. M1/8"



APPLICATIONS

Monocomponent Injection

- Acrylate gels,
- Epoxy Resin,
- Polyurethane resins and most of the coating for single-component injection



APPLICATION'S FIELDS

Monocomponent Injection

- Masonry injections
- Consolidation
- Tunneling
- Mining



INJECTION PACK

Ref.	Description	
ARGON30IS	ARGON 30 Pneumatic Piston Pump - Ratio 30:1 W/pressure reducer - on Trolley - Complete with: HP Hose 1/4" mt 10 fitting 16x1,5 Gravity Hopper Kit Lt. 6 Pressure Gauge Kit HP Dump Valve s.s. Flex Hose. cm. 30	
ARGON30IT	ARGON 30 Pneumatic Piston Pump - Ratio 30:1 W/pressure reducer - on Trolley - Complete with: HP Hose 1/4" mt 10 fitting 16x1,5 Suction System Kit Pressure Gauge Kit HP Dump Valve s.s. Flex Hose. cm. 30	

SUGGESTED SPARE PARTS

Ref.	Description	
11238	Suction Valve Kit	
24368	Compression Valve Kit	
24853	Upper & Lower Packing Kit	
23142	Non return valve	

SUGGESTED ACCESSORIES

Ref.	Description	
M23050	HP Dump Valve F1/4" - s.s.	
M383838	Non Return valve HP F3/8" - s.s.	
6211016I	HP Hose D.1/4" M16x1.5 10 mt.	
66561	Mouth piece	

ARGON 40



PERFORMANCES

- Easy maintenance
- Portable: small and handy
 - Easy to carry
 - Safe use
- Self-Adjusted packing
- All parts in contact with the coating in stainless steel and Tungsten carbide
- Strong and long life airmotor
- Air motor instant volumetric reversal

11
l/min.



Ref.	Description	
ARGON40A	ARGON 40 Pneumatic Piston Pump - Ratio 40:1 W/pressure reducer - on Trolley	

TECHNICAL DATA

ARGON 40		
Ratio		40:1
Pump Capacity Double Stroke	cm ³	73
Max. Delivery	ltr/min	11,0
Max. Pressure Bar (PSI)		320 (4640)
Max. Air Inlet Pressure Bar (PSI)		8 (116)
Weight (bare)		28 kg.
Air Consumption	ltr/min	250 -1000



STANDARD SET UP

Part no. ARGON40IS

- Pump on trolley
- Pressure reducer
- Flex. Suction System
- HP Hose mt. 10
- Dump Valve s.s. M1/8"



APPLICATIONS

Monocomponent Injection

- Acrylate gels,
- Epoxy Resin,
- Polyurethane resins and most of the coating for single-component injection



APPLICATION'S FIELDS

Monocomponent Injection

- Masonry injections
- Consolidation
- Tunneling
- Mining



INJECTION PACK

Ref.	Description	
ARGON40IS	ARGON 40 Pneumatic Piston Pump - Ratio 40:1 W/pressure reducer - on Trolley - Complete with: HP Hose 1/4" mt 10 fitting 16x1,5 Gravity Hopper Kit Lt. 6 Pressure Gauge Kit HP Dump Valve s.s. Flex Hose. cm. 30	
ARGON40IT	ARGON 40 Pneumatic Piston Pump - Ratio 40:1 W/pressure reducer - on Trolley - Complete with: HP Hose 1/4" mt 10 fitting 16x1,5 Suction System Kit Pressure Gauge Kit HP Dump Valve s.s. Flex Hose. cm. 30	

SUGGESTED SPARE PARTS

Ref.	Description	
13648	Suction Valve Kit	
21618	Compression Valve Kit	
21603	Upper & Lower Packing Kit	
23142	Non return valve	

SUGGESTED ACCESSORIES

Ref.	Description	
M23050	HP Dump Valve F1/4" - s.s.	
M383838	Non Return valve HP F3/8" - s.s.	
6211016I	HP Hose D.1/4" M16x1.5 10 mt.	
66561	Mouth piece	

ARGON 48



PERFORMANCES

- Easy maintenance
- Portable: small and handy
 - Easy to carry
 - Safe use
- Self-Adjusted packing
- All parts in contact with the coating in stainless steel and Tungsten carbide
- Strong and long life airmotor
- Air motor instant volumetric reversal

25
l/min.



Ref.	Description	
ARGON48A	ARGON 48 Pneumatic Piston Pump - Ratio 48:1 W/pressure reducer - on Trolley	

TECHNICAL DATA

ARGON 48		
Ratio		48:1
Pump Capacity Double Stroke	cm ³	110
Max. Delivery	ltr/min	25,0
Max. Pressure Bar (PSI)		385 (5584)
Max. Air Inlet Pressure Bar (PSI)		8 (116)
Weight (bare)		54 kg.
Air Consumption	ltr/min	600 - 2650



STANDARD SET UP

Part no. ARGON48IS

- Pump on trolley
- Pressure reducer
- Flex. Suction System
- HP Hose mt. 10
- Dump Valve Maxi M1/8"



APPLICATIONS

Monocomponent Injection

- Acrylate gels,
- Epoxy Resin,
- Polyurethane resins and most of the coating for single-component injection



APPLICATION'S FIELDS

Monocomponent Injection

- Masonry injections
- Consolidation
- Tunneling
- Mining



INJECTION PACK

Ref.	Description	
ARGON48IS	ARGON 48 Pneumatic Piston Pump - Ratio 48:1 W/pressure reducer - on Trolley - Complete with: HP Hose 3/8" mt 10 fitting 16x1,5 Suction System Kit Pressure Gauge Kit HP Dump Valve s.s. Flex Hose. cm. 30	

SUGGESTED SPARE PARTS

Ref.	Description	
18565C	Suction Valve Kit	
18558C	Compression Valve Kit	
18528	Upper & Lower Packing Kit	
18571	Non return valve	

SUGGESTED ACCESSORIES

Ref.	Description	
M23050	HP Dump Valve F1/4" - s.s.	
M383838	Non Return valve HP F3/8" - s.s.	
62211016I	HP Hose D.3/8" M16x1.5 10 mt.	
66561	Mouth piece	



PERFORMANCES

- Easy maintenance
- Portable: small and handy
 - Easy to carry
- Driven by an electric drill
- Double speed = Double delivery
 - Strong and long life component

1,10
l/min.



STANDARD SET UP

Part no. M1

- Pump on Support
- Electric Drill
- Gravity Hopper 1 ltr.
- HP Hose mt. 2
- Dump Valve Mini M1/8"



APPLICATIONS

Monocomponent Injection

- Acrylate gels,
- Epoxy Resin,
- Polyurethane resins and most of the coating for single-component injection



APPLICATION'S FIELDS

Monocomponent Injection

- Masonry injections
- Consolidation
- Tunneling
- Mining



INJECTION PACK

Ref.	Description	
M1	Press Pump M1 for Injection - on support - Gravity Hopper 1 Ltr. + Hilti UD Drill 16 230V + HP Hose mt. 2 + Dump valve with Mouth piece	
M1B	Press Pump M1 for Injection - on trolley - Gravity Hopper 1 Ltr. + Battery Drill HILTI TE30-A36 + TE-CX(4) M10 + Charger c4/36-350 230V + HP Hose mt. 2 + Dump valve with Mouth piece	

TECHNICAL DATA

M1		
Electric Drill		Hilti
Volt		240 Volt
Power	710 Watt	3,1 Amp
RPM (2 speed)	900	2.500
Delivery (RPM 900)	ltr/min	0,420
Delivery (RPM 2500)	ltr/min	1,100
Weight (Pump Bare)	Kg	1,5
Weight (Drill)	Kg	2,6



SUGGESTED SPARE PARTS

Ref.	Description	
M103	Sleeve	
M104	Piston	
M130	O-Ring	
M106	Ball	

SUGGESTED ACCESSORIES

Ref.	Description	
66568	Dump Valve Mini w/Mouth piece	
620214I	HP Hose dia. 1/4" mt. 2	
M123	Gravity Hopper 1 ltr.	
66561	Mouth piece	



Mining



Masonry injections



Consolidation



Tunneling



Electric Drill



Cordless Drill



PERFORMANCES

- Easy maintenance
- Portable: small and handy
 - Easy to carry
- Driven by an electric drill or cordless drill
- Double speed = Double delivery
 - Strong and long life component

4,90
l/min.



Ref.	Description	
25610	GT1 for Injection - on support - Gravity Hopper 5 Ltr. + HP Hose mt. 5 + Dump valve s.s. M1/8	

STANDARD SET UP
Part no. GT1001

- Pump on Support
- Electric Drill
- Gravity Hopper 5 ltr.
- HP Hose mt. 5
- Dump Valve Mini M1/8"



APPLICATIONS
Monocomponent Injection

- Acrylate gels,
- Epoxy Resin,
- Polyurethane resins and most of the coating for single-component injection



APPLICATION'S FIELDS
Monocomponent Injection

- Masonry injections
- Consolidation
- Tunneling
- Mining



INJECTION PACK Electric Drill

Ref.	Description	
25630	GT1 for Injection - on support - Gravity Hopper 5 Ltr. + Hilti Drill UD 16 230V + HP Hose mt. 5 + Dump valve s.s. M1/8	
25650	GT1 for Injection - on support - Flexible Suction System + Hilti Drill UD 16 230V + HP Hose mt. 5 + Dump valve s.s. M1/8	

INJECTION PACK Cordless Drill

Ref.	Description	
25640	GT1 for Injection - on support - Gravity Hopper 5 Ltr. + Hilti Cordless Drill SF 4-A + HP Hose mt. 5 + Dump valve s.s. M1/8	
25660	GT1 for Injection - on support - Flexible Suction System + Hilti Cordless Drill SF 4-A + HP Hose mt. 5 + Dump valve s.s. M1/8	

TECHNICAL DATA

	Electric Drill		Cordless Drill	
Model	Hilti		Hilti	
Volt	240 Volt		240 Volt	
Power	710 Watt	3,1 Amp	710 Watt	3,1 Amp
RPM (2 speed)	900	2.500	900	2.500
Delivery (RPM 900)	ltr/min	2,35	ltr/min	2,35
Delivery (RPM 2500)	ltr/min	4,90	ltr/min	4,90
Weight (Pump Bare)	Kg	11	Kg	11
Weight (Drill)	Kg	12,5	Kg	13

CHOOSE YOUR COMPOSITION





PERFORMANCES

- Easy maintenance
- Portable: small and handy
 - Easy to carry
- Strong and long life component

36
l/min.



STANDARD SET UP

Part no. BX

- Pump on support
- Pressure Regulator
- Gravity Hopper Kit 6 ltr
- Hose mt. 5
- Dump Valve M1/8"



APPLICATIONS

Monocomponent Injection

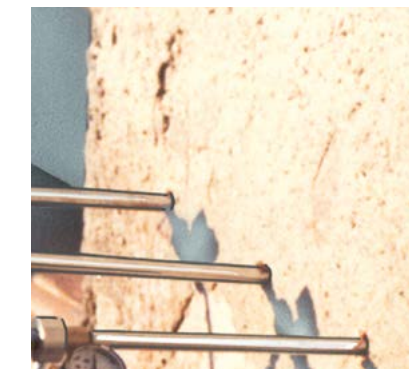
- Grouts
- Mortars
- Cement mortars



APPLICATION'S FIELDS

Monocomponent Injection

- Masonry injections
- Consolidation
- Tunneling
- Mining



INJECTION PACK

Ref.	Description	
BXSI	Double Diaphragm Pump - F3/8"- 36 ltr/min - Aluminum - Cpl. with: Suction System + Hose d. 3/8" mt. 5 + Injection Kit	

TECHNICAL DATA

	BX	
Motor	Pneumatic	
Max. Delivery	ltr/min	36
Ratio		1:1
Max. Working Pressure	Bar (PSI)	8 (116)
Weight (bare)	Kg.	2,5

SUGGESTED SPARE PARTS

Ref.	Description	
MPB0029	Diaphragm	
MPA009	Ball Seat	
12128	ISO Valve	
M15K010	Repair Kit	

SUGGESTED ACCESSORIES

Ref.	Description	
66300	Injection kit Cpl.	
66561	Mouth piece	
12138	LP Dump Valve FF 1/4"	
63152	Suction System Kit, Flexible	

DIAMOND 50



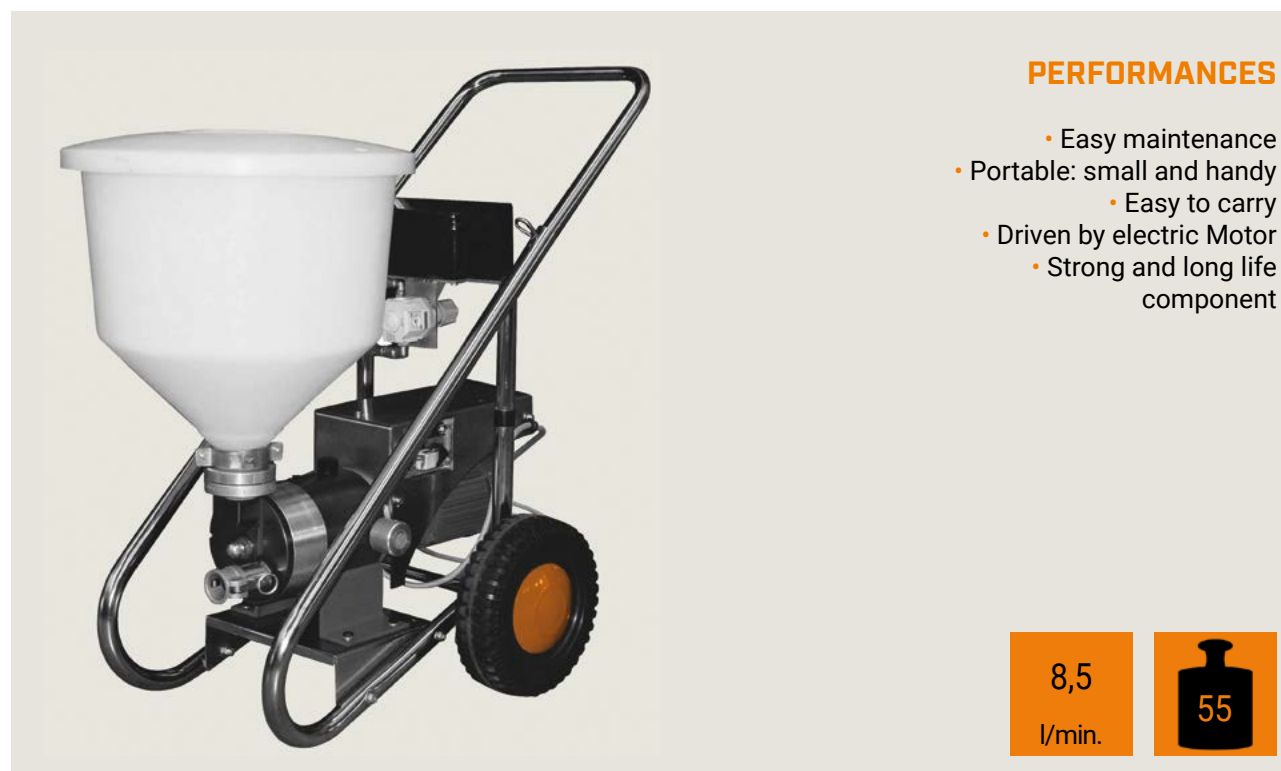
Masonry
injections



Consolidation



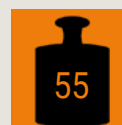
Tunneling



PERFORMANCES

- Easy maintenance
- Portable: small and handy
 - Easy to carry
- Driven by electric Motor
- Strong and long life component

8,5
l/min.



Ref.	Description	
DIAM50	DIAMOND 50 - Peristaltic Pump - Singlephase 230 Volt/50 Hz - with Gravity Hopper 35 Lt.	

STANDARD SET UP

Part no. DIAM50AS

- Pump on Trolley
- Gravity Hopper 35 ltr
- Hose mt. 10
- Lance 1k

APPLICATIONS

Monocomponent Injection

- Grouts
- Mortars
- Cement mortars

APPLICATION'S FIELDS

Monocomponent Injection

- Masonry injections
- Consolidation
- Tunneling
- Mining



INJECTION PACK

Ref.	Description	
DIAM50AS	DIAMOND 50 - Peristaltic Pump - Singlephase 230 Volt/50 Hz - with Gravity Hopper 35 Lt. + Air/Material Hose mt. 10 + Lance + Set 5x Nozzle S.S.	

TECHNICAL DATA

	DIAMOND 50	
Motor / Volt	230 Hz 60 Volt	
Power	Kw	0,55
Max. Delivery	ltr/min	8,5
Max. Working Pressure	Bar (PSI)	15 (218)
Air Consumption	ltr/min	300-600
Tank capacity	ltr	35
Weight (bare)	Kg.	55

APPLICATIONS

Artificial resin plasters up to 2,5 mm
Silicate plasters up to 2,5 mm
Silicone resin plasters up to 2,5 mm
Thermal insulation plasters
Porous concrete coatings
Rivestimenti cementizi porosi
Sprayplasters synthetic based
Artificial resin rendering base
Primer
Filling paints, also fibrous
Quartz plastic / Roof coatings
Decopearls / Styropearls
Bitumen emulsions
Fire protection coatings
Acousticplaster

DIAMOND pumps are working with a special peristaltic technology. Materials that have ingredients which are not allowed to be squeezed or damaged (by a standard diaphragm pump or screw pump) can be worked with a peristaltic pump smoothly.

By "waving-moving-contractions" the peristaltic technology conveys the material without damaging. Unlike the progressive cavity pump or rotor/stator pumps, this pump can run dry indefinitely without any damage to the equipment, therefore eliminating the need for highly trained technicians. They are suitable for materials ranging from high viscosity materials (i.e. cementitious waterproofing) to low viscosity (i.e. paint).

BICOMPONENT ELECTRIC

SILVER 9 | SILVER 18 | SILVER 25 | SILVER 2:1

High-Performance electro-hydraulic piston pump designed to inject 2-components or 3-components coatings. Fully autonomous grouting system.

With «**QUICK FIX**» it has never been easier to replace the pistons with a significant reduction in downtime and a more simple maintenance.



M2

Innovative press pump 2K, strong and simple construction; Lightweight and compact, easy to carry thanks to the handle or the trolley with wheels. M2 is an equipment of great efficiency: from 0 to 250 bar in a few seconds.

Also available in electric motor version.



BICOMPONENT PNEUMATIC

SILVER 15 | SILVER 40 | SILVER 50

High-Performance pneumatic piston pump designed to inject 2-components coatings. Ideal for all those working site where electricity is not present or it is not allowed to be used.

Also available with third cleaning pumping.



SILVER 9 2K



**QUICK
FIX**

PERFORMANCES

- Heavy-Duty and high performance equipment
- Easy maintenance
- Easy to carry
- Safe use. Electric motor with safety protection
- Self-Adjusted packing
- All parts in contact with the coating in stainless steel and Tungsten carbide
- Strong and long life component

9

l/min.

110

STANDARD SET UP

Part no. SILVER9SI2

- Pump on trolley
- Flex. Suction System
- HP Hose mt. 10
- Injection Lance 2K "Compact" with static Mixer

APPLICATIONS

Bicomponent Injection

- Acrylate gels,
- Epoxy Resin,
- Polyurethane resins and most of the coating for single-component injection

APPLICATION'S FIELDS

Bicomponent Injection

- Masonry injections
- Consolidation
- Tunneling



INJECTION PACK

Ref.	Description	
SILVER9SI	SILVER 9 - 2K - Electric Hydraulic Piston Pump - s.s. - Delivery lt.9 - Volt 230/50 HZ - Singlephase - On Trolley - With 2x Oleodinamic Pressure Gauge Kit + Return hoses - Complete with: 2x Gravity Hopper Kit - 6 ltr. 2x HP Hose 1/4" mt 10 fitting 1/4 1x Lance 2K "Compact" with static mixer	
SILVER9SI2	SILVER 9 - 2K - Electric Hydraulic Piston Pump - s.s. - Delivery lt.9 - Volt 230/50 HZ - Singlephase - On Trolley - With 2x Oleodinamic Pressure Gauge Kit + Return hoses - Complete with: 2x Suction Systems kit, flexible 2x HP Hose 1/4" mt 10 fitting 1/4 1x Lance 2K "Compact" with static mixer	

TECHNICAL DATA

SILVER 9 2K			
Motor Volt	230 Volt		380 Volt
	50 Hz		50 Hz
Power	3 HP		3 HP
Max. Delivery	ltr/min	9,0	9,0
Max. Pressure Bar (PSI)	220 (3190)		220 (3190)
Max. Hose length	100 mt		100 mt
Weight (bare)	110 kg.		110 kg.

SUGGESTED SPARE PARTS

Ref.	Description	
24853	Upper & Lower Packing Kit	
24368	Compression Valve Kit	
11238	Suction Valve Kit	
23162	Non return valve	

SUGGESTED ACCESSORIES

Ref.	Description	
M23050	HP Dump Valve F1/4" - s.s.	
M383838	Non Return valve HP F3/8" - s.s.	
62110161	HP Hose D.1/4" M16x1.5 10 mt.	
66550B	Lance 2K "Compact"	

SILVER 9 3K



PERFORMANCES

- Heavy-Duty and high performance equipment
- Easy maintenance
- Easy to carry
- Safe use. Electric motor with safety protection
- Self-Adjusted packing
- All parts in contact with the coating in stainless steel and Tungsten carbide
- Strong and long life component

9
l/min.

125

Ref.	Description	
SILVER93A	SILVER 9 - 3K - Electric Hydraulic Piston Pump - s.s. - Delivery lt.9 - Volt 230/50 HZ - Singlephase - On Trolley - With 3x Oleodinamic Pressure Gauge Kit + Return hoses	

TECHNICAL DATA

		SILVER 9 3K		Cleaning Pump
Motor Volt		230 Volt	380 Volt	
		50 Hz	50 Hz	
Power		3 HP	3 HP	
Max. Delivery	ltr/min	9,0	9,0	6,0
Max. Pressure Bar (PSI)		220 (3190)	220 (3190)	210 (3046)
Max. Hose length		100 mt	100 mt	100 mt
Weight (bare)		125 kg.	125 kg.	

STANDARD SET UP

Part no. SILVER93SI2

- Pump on trolley
- Flex. Suction System
- HP Hose mt. 10
- Injection Lance 3K "Compact" with static mixer



APPLICATIONS

Bicomponent Injection

- Acrylate gels,
- Epoxy Resin,
- Polyurethane resins and most of the coating for single-component injection



APPLICATION'S FIELDS

Bicomponent Injection

- Masonry injections
- Consolidation
- Tunneling



INJECTION PACK

Ref.	Description	
SILVER93SI	SILVER 9 - 3K - Electric Hydraulic Piston Pump - s.s. - Delivery lt.9 - Volt 230/50 HZ - Singlephase - On Trolley - With 3x Oleodinamic Pressure Gauge Kit + Return hoses - Complete with: 3x Gravity Hopper Kit - 6 ltr. 3x HP Hose 1/4" mt 10 fitting 1/4 1x Lance 3K "Compact" with static mixer	
SILVER93SI2	SILVER 9 - 3K - Electric Hydraulic Piston Pump - s.s. - Delivery lt.9 - Volt 230/50 HZ - Singlephase - On Trolley - With 3x Oleodinamic Pressure Gauge Kit + Return hoses - Complete with: 3x Suction Systems kit, flexible 3x HP Hose 1/4" mt 10 fitting 1/4 1x Lance 3K "Compact" with static mixer	



SILVER 18 2K



QUICK
FIX

PERFORMANCES

- Heavy-Duty and high performance equipment
- Easy maintenance
- Easy to carry
- Safe use. Electric motor with safety protection
- Self-Adjusted packing
- All parts in contact with the coating in stainless steel and Tungsten carbide
- Strong and long life component

18
l/min.



Ref.	Description	
SILVER18A	SILVER 18 - 2K - Electric Hydraulic Piston Pump - s.s. - Delivery lt.18 - Volt 230/50 HZ - Singlephase - On Trolley - With 2x Oleodinamic Pressure Gauge Kit + Return hoses	

TECHNICAL DATA

SILVER 18 2K			
Motor Volt	230 Volt		380 Volt
	50 Hz		50 Hz
Power	3 HP		3 HP
Max. Delivery	ltr/min	18,0	18,0
Max. Pressure Bar (PSI)	120 (1740)		120 (1740)
Max. Hose length	100 mt		100 mt
Weight (bare)	115 kg.		115 kg.

STANDARD SET UP

Part no. SILVER18SI2

- Pump on trolley
- Flex. Suction System
- HP Hose mt. 10
- Injection Lance 2K "Compact" with static Mixer

APPLICATIONS

Bicomponent Injection

- Acrylate gels,
- Epoxy Resin,
- Polyurethane resins and most of the coating for single-component injection

APPLICATION'S FIELDS

Bicomponent Injection

- Masonry injections
- Consolidation
- Tunneling



INJECTION PACK

Ref.	Description	
SILVER18SI	SILVER 18 - 2K - Electric Hydraulic Piston Pump - s.s. - Delivery lt.18 - Volt 230/50 HZ - Singlephase - On Trolley - With 2x Oleodinamic Pressure Gauge Kit + Return hoses - Complete with: 2x Gravity Hopper Kit - 6 ltr. 2x HP Hose 1/4" mt 10 fitting 1/4 1x Lance 2K "Compact" with static mixer	
SILVER18SI2	SILVER 18 - 2K - Electric Hydraulic Piston Pump - s.s. - Delivery lt.18 - Volt 230/50 HZ - Singlephase - On Trolley - With 2x Oleodinamic Pressure Gauge Kit + Return hoses - Complete with: 2x Suction Systems kit, flexible 2x HP Hose 1/4" mt 10 fitting 1/4 1x Lance 2K "Compact" with static mixer	

SUGGESTED SPARE PARTS

Ref.	Description	
21603	Upper & Lower Packing Kit	
21618	Compression Valve Kit	
13648	Suction Valve Kit	
23162	Non return valve	

SUGGESTED ACCESSORIES

Ref.	Description	
M23050	HP Dump Valve F1/4" - s.s.	
M383838	Non Return valve HP F3/8" - s.s.	
62211016I	HP Hose D.3/8" M16x1.5 10 mt.	
66550B	Lance 2K "Compact"	

SILVER 18 3K



QUICK
FIX



PERFORMANCES

- Heavy-Duty and high performance equipment
- Easy maintenance
- Easy to carry
- Safe use. Electric motor with safety protection
- Self-Adjusted packing
- All parts in contact with the coating in stainless steel and Tungsten carbide
- Strong and long life component

18
l/min.



Ref.	Description	
SILVER183A	SILVER 18 - 3K - Electric Hydraulic Piston Pump - s.s. - Delivery lt.18-Volt 230/50 HZ - Singlephase - On Trolley - With 3x Oleodinamic Pressure Gauge Kit + Return hoses	

TECHNICAL DATA

		SILVER 18 3K		Cleaning Pump
Motor Volt		230 Volt	380 Volt	
		50 Hz	50 Hz	
Power		3 HP	3 HP	
Max. Delivery	ltr/min	18,0	18,0	6,0
Max. Pressure Bar (PSI)		120 (1740)	120 (1740)	210 (3046)
Max. Hose length		100 mt	100 mt	100 mt
Weight (bare)		130 kg.	130 kg.	

STANDARD SET UP

Part no. SILVER183SI2

- Pump on trolley
- Flex. Suction System
- HP Hose mt. 10
- Injection Lance 3K "Compact" with static mixer



APPLICATIONS

Bicomponent Injection

- Acrylate gels,
- Epoxy Resin,
- Polyurethane resins and most of the coating for single-component injection



APPLICATION'S FIELDS

Bicomponent Injection

- Masonry injections
- Consolidation
- Tunneling



INJECTION PACK

Ref.	Description	
SILVER183SI	SILVER 18 - 3K - Electric Hydraulic Piston Pump - s.s. - Delivery lt.18-Volt 230/50 HZ - Singlephase - On Trolley - With 3x Oleodinamic Pressure Gauge Kit + Return hoses - Complete with: 3x Gravity Hopper Kit - 6 ltr. 3x HP Hose 1/4" mt 10 fitting 1/4 1x Lance 3K "Compact" with static mixer	
SILVER183SI2	SILVER 18 - 3K - Electric Hydraulic Piston Pump - s.s. - Delivery lt.18-Volt 230/50 HZ - Singlephase - On Trolley - With 3x Oleodinamic Pressure Gauge Kit + Return hoses - Complete with: 3x Suction Systems kit, flexible 3x HP Hose 1/4" mt 10 fitting 1/4 1x Lance 3K "Compact" with static mixer	



SILVER 25 2K



PERFORMANCES

- Heavy-Duty and high performance equipment
- Easy maintenance
- Easy to carry
- Safe use. Electric motor with safety protection
- Self-Adjusted packing
- All parts in contact with the coating in stainless steel and Tungsten carbide
- Strong and long life component

QUICK
FIX

25
l/min.

130

Ref.	Description	
SILVER25A	SILVER 25 - 2K - Electric Hydraulic Piston Pump - s.s. - Delivery lt.25 - Volt 380/50 HZ - Threephase - On Trolley - With 2x Oleodinamic Pressure Gauge Kit + Return hoses	

TECHNICAL DATA

SILVER 25 2K		
Motor Volt		380 Volt
		50 Hz
Power		5 HP
Max. Delivery	ltr/min	25,0
Max. Pressure Bar (PSI)		200 (2900)
Max. Hose length		100 mt
Weight (bare)		130 kg.

STANDARD SET UP

Part no. SILVER25SI2

- Pump on trolley
- Flex. Suction System
- HP Hose mt. 10
- Injection Lance 2K "Compact" with static Mixer



APPLICATIONS

Bicomponent Injection

- Acrylate gels,
- Epoxy Resin,
- Polyurethane resins and most of the coating for single-component injection



APPLICATION'S FIELDS

Bicomponent Injection

- Masonry injections
- Consolidation
- Tunneling



INJECTION PACK

Ref.	Description	
SILVER25SIEF	SILVER 25 - 2K - Electric Hydraulic Piston Pump - s.s. - Delivery lt.25 - Volt 380/50 HZ - Threephase - On Trolley - With 2x Oleodinamic Pressure Gauge Kit + Return hoses - Complete with: 2x Gravity Hopper Kit - 6 ltr. 2x HP Hose 1/4" mt 10 fitting 1/4 1x Lance 2K "Compact" with static mixer	
SILVER25SI2EF	SILVER 25 - 2K - Electric Hydraulic Piston Pump - s.s. - Delivery lt.25 - Volt 380/50 HZ - Threephase - On Trolley - With 2x Oleodinamic Pressure Gauge Kit + Return hoses - Complete with: 2x Suction Systems kit, flexible 2x HP Hose 1/4" mt 10 fitting 1/4 1x Lance 2K "Compact" with static mixer	

SUGGESTED SPARE PARTS

Ref.	Description	
21603	Upper & Lower Packing Kit	
21618	Compression Valve Kit	
13648	Suction Valve Kit	
23162	Non return valve	

SUGGESTED ACCESSORIES

Ref.	Description	
M23050	HP Dump Valve F1/4" - s.s.	
M383838	Non Return valve HP F3/8" - s.s.	
62211016I	HP Hose D.3/8" M16x1.5 10 mt.	
66550B	Lance 2K "Compact"	

SILVER 2:1 2K



QUICK
FIX

PERFORMANCES

- Heavy-Duty and high performance equipment
- Easy maintenance
- Easy to carry
- Safe use. Electric motor with safety protection
- Self-Adjusted packing
- All parts in contact with the coating in stainless steel and Tungsten carbide
- Strong and long life component

25
l/min.



Ref.	Description	
SILVER21A	SILVER 2:1 - 2K - Electric Hydraulic Piston Pump - s.s. - Mixing Ratio 2:1- Volt 230/50 HZ - Singlephase - On Trolley - With 2x Oleodinamic Pressure Gauge Kit + Return hoses	

TECHNICAL DATA

SILVER 2:1		
Motor Volt	230 Volt	
	50 Hz	
Power	3 HP	
Mixing Ratio	2:1	
Max. Delivery	ltr/min	6 - 3
Max. Pressure Bar (PSI)		200 (2900)
Weight (bare)	130 kg.	

STANDARD SET UP

Part no. SILVER21ISA

- Pump on trolley
- Flex. Suction System
- HP Hose mt. 10
- Injection Lance 2K "Compact" with static Mixer



APPLICATIONS

Bicomponent Injection

- Acrylate gels,
- Epoxy Resin,
- Polyurethane resins and most of the coating for single-component injection



APPLICATION'S FIELDS

Bicomponent Injection

- Masonry injections
- Consolidation
- Tunneling



INJECTION PACK

Ref.	Description	
SILVER21IS	SILVER 2:1 - 2K - Electric Hydraulic Piston Pump - s.s. - Mixing Ratio 2:1- Volt 230/50 HZ - Singlephase - On Trolley - With 2x Oleodinamic Pressure Gauge Kit + Return hoses 2x Gravity Hopper Kit - 6 ltr. 2x HP Hose 1/4" mt 10 fitting 1/4 1x Lance 2K "Compact" with static mixer	
SILVER21ISA	SILVER 2:1 - 2K - Electric Hydraulic Piston Pump - s.s. - Mixing Ratio 2:1- Volt 230/50 HZ - Singlephase - On Trolley - With 2x Oleodinamic Pressure Gauge Kit + Return hoses 2x Suction Systems kit, flexible 2x HP Hose 1/4" mt 10 fitting 1/4 1x Lance 2K "Compact" with static mixer	

SUGGESTED SPARE PARTS

Ref.	Description	
21603	Upper & Lower Packing Kit	
21618	Compression Valve Kit	
24853	Upper & Lower Packing Kit	
24368	Compression Valve Kit	

SUGGESTED ACCESSORIES

Ref.	Description	
M23050	HP Dump Valve F1/4" - s.s.	
M383838	Non Return valve HP F3/8" - s.s.	
62211016I	HP Hose D.3/8" M16x1.5 10 mt.	
66550B	Lance 2K "Compact"	

SILVER 15 2K



PERFORMANCES

- Heavy-Duty and high performance equipment
- Easy maintenance
- Easy to carry
- Self-Adjusted packing
- All parts in contact with the coating in stainless steel and Tungsten carbide
- Strong and long life component
- Reliable air-motor. Minimal lubrication needed

9

l/min.

42

RECOMMENDED SET UP FOR 2K ACRYLIC COATINGS

Part no. SILVER15SI

RECOMMENDED SET UP FOR 2K POLYURETHANE AND EPOXY COATINGS

Part no. SILVER15SI2

APPLICATIONS

Bicomponent Injection

- Acrylate gels,
- Epoxy Resin,
- Polyurethane resins and most of the coating for single-component injection

APPLICATION'S FIELDS

Bicomponent Injection

- Masonry injections
- Consolidation
- Tunneling
- Mining



INJECTION PACK

Ref.	Description	
SILVER15SI	SILVER 15 - 2K - Bicomponent Pneumatic Pump - s.s. - Ratio 15:1 - on trolley - With Pressure Reducer + 2x Oleodinamic Pressure Gauge Kit + Dump Valves - Complete with: 2x Gravity Hopper Kit - 6 ltr. 2x HP Hose 1/4" mt 10 fitting 1/4 1x Lance 2K "Compact" with static mixer	
SILVER15SI2	SILVER 15 - 2K - Bicomponent Pneumatic Pump - s.s. - Ratio 15:1 - on trolley - With Pressure Reducer + 2x Oleodinamic Pressure Gauge Kit + Dump Valves - Complete with: 2x Suction Systems kit, flexible 2x HP Hose 1/4" mt 10 fitting 1/4 1x Lance 2K "Compact" with static mixer	

SUGGESTED SPARE PARTS

Ref.	Description	
11238	Suction Valve Kit	
24368	Compression Valve Kit	
24853	Upper & Lower Packing Kit	
23142	Non return valve	

SUGGESTED ACCESSORIES

Ref.	Description	
M23050	HP Dump Valve F1/4" - s.s.	
M383838	Non Return valve HP F3/8" - s.s.	
6211016I	Tubo HP D.1/4" M16x1.5 10 mt.	
66550B	Lance 2K "Compact"	

TECHNICAL DATA

SILVER 15 2K		
Ratio		15:1
Ratio		1:1
Max. Delivery	ltr/min	12,0
Max. Pressure Bar (PSI)		110 (1595)
Max. Air Inlet Pressure Bar (PSI)		8 (116)
Weight (bare)		20 kg.
Delivery per Cycle		15 cc

SILVER 40 2K



PERFORMANCES

- Heavy-Duty and high performance equipment
- Easy maintenance
- Easy to carry
- Self-Adjusted packing
- All parts in contact with the coating in stainless steel and Tungsten carbide
- Strong and long life component
- Reliable air-motor. Minimal lubrication needed

9

l/min.

42

RECOMMENDED SET UP FOR 2K ACRYLIC COATINGS

Part no. SILVER40SI

RECOMMENDED SET UP FOR 2K POLYURETHANE AND EPOXY COATINGS

Part no. SILVER40SI2

APPLICATIONS

Bicomponent Injection

- Acrylate gels,
- Epoxy Resin,
- Polyurethane resins and most of the coating for single-component injection

APPLICATION'S FIELDS

Bicomponent Injection

- Masonry injections
- Consolidation
- Tunneling
- Mining



INJECTION PACK

Ref.	Description	
SILVER40SI	SILVER 40 - 2K - Bicomponent Pneumatic Pump - s.s. - Ratio 30:1 - on trolley - With Pressure Reducer + 2x Oleodinamic Pressure Gauge Kit + Dump Valves - Complete with: 2x Gravity Hopper Kit - 6 ltr. 2x HP Hose 1/4" mt 10 fitting 1/4 1x Lance 2K "Compact" with static mixer	
SILVER40SI2	SILVER 40 - 2K - Bicomponent Pneumatic Pump - s.s. - Ratio 30:1 - on trolley - With Pressure Reducer + 2x Oleodinamic Pressure Gauge Kit + Dump Valves - Complete with: 2x Suction Systems kit, flexible 2x HP Hose 1/4" mt 10 fitting 1/4 1x Lance 2K "Compact" with static mixer	

SUGGESTED SPARE PARTS

Ref.	Description	
11238	Suction Valve Kit	
24368	Compression Valve Kit	
24853	Upper & Lower Packing Kit	
23142	Non return valve	

SUGGESTED ACCESSORIES

Ref.	Description	
M23050	HP Dump Valve F1/4" - s.s.	
M383838	Non Return valve HP F3/8" - s.s.	
6211016I	Tubo HP D.1/4" M16x1.5 10 mt.	
66550B	Lance 2K "Compact"	

TECHNICAL DATA

SILVER 40 2K		
Ratio		40:1
Ratio		1:1
Max. Delivery	ltr/min	9,0
Max. Pressure Bar (PSI)		210 (3046)
Max. Air Inlet Pressure Bar (PSI)		8 (116)
Weight (bare)		42 kg.
Air Consumption	ltr/min	750 -1500

SILVER 40 3K



PERFORMANCES

- Heavy-Duty and high performance equipment
- Easy maintenance
- Easy to carry
- Self-Adjusted packing
- All parts in contact with the coating in stainless steel and Tungsten carbide
- Strong and long life component
- Reliable air-motor. Minimal lubrication needed

9

l/min.

55

RECOMMENDED SET UP FOR 2K ACRYLIC COATINGS

Part no. SILVER40SI3

RECOMMENDED SET UP FOR 2K POLYURETHANE AND EPOXY COATINGS

Part no. SILVER40SI3S

APPLICATIONS

Bicomponent Injection

- Acrylate gels,
- Epoxy Resin,
- Polyurethane resins and most of the coating for single-component injection

APPLICATION'S FIELDS

Bicomponent Injection

- Masonry injections
- Consolidation
- Tunneling
- Mining



INJECTION PACK

Ref.	Description	
SILVER40SI3	SILVER 40 - 3K - Bicomponent Pneumatic Pump - s.s. - Ratio 30:1 - on trolley - With Pressure Reducer + 3x Oleodinamic Pressure Gauge Kit + Dump Valves + Cleaning Pump: 3x Gravity Hopper Kit - 6 ltr. 3x HP Hose 1/4" mt 10 fitting 1/4 1x Lance 3K "Compact" with static mixer	
SILVER40SI3S	SILVER 40 - 3K - Bicomponent Pneumatic Pump - s.s. - Ratio 30:1 - on trolley - With Pressure Reducer + 3x Oleodinamic Pressure Gauge Kit + Dump Valves + Cleaning Pump: 3x Suction Systems kit, flexible 3x HP Hose 1/4" mt 10 fitting 1/4 1x Lance 3K "Compact" with static mixer	

TECHNICAL DATA

	SILVER 40 3K	Cleaning Pump
Ratio	40:1	30:1
Ratio	1:1	
Max. Delivery	ltr/min 9,0	6,0
Max. Pressure Bar (PSI)	210 (3046)	210 (3046)
Max. Air Inlet Pressure Bar (PSI)	8 (116)	8 (116)
Weight (bare)	55 kg.	
Air Consumption	ltr/min 750 -1500	

SUGGESTED SPARE PARTS

Ref.	Description	
11238	Suction Valve Kit	
24368	Compression Valve Kit	
24853	Upper & Lower Packing Kit	
23142	Non return valve	

SUGGESTED ACCESSORIES

Ref.	Description	
M23050	HP Dump Valve F1/4" - s.s.	
M383838	Non Return valve HP F3/8" - s.s.	
6211016I	Tubo HP D.1/4" M16x1.5 10 mt.	
66555B	Lance 2K "Compact"	

SILVER 50 2K



PERFORMANCES

- Heavy-Duty and high performance equipment
- Easy maintenance
- Easy to carry
- Self-Adjusted packing
- All parts in contact with the coating in stainless steel and Tungsten carbide
- Strong and long life component
- Reliable air-motor. Minimal lubrication needed

24
l/min.



HORIZONTAL VERSION

Part no. SILVER50HSI

SILVER 50 is also available with a third cleaning pump
(Part no. SILVER50SI3)

STANDARD SET UP

Part no. SILVER50HSI

- Pump on trolley
- Pressure reducer
- Suction System Flexible
- HP Hose mt. 10
- Lance 2K "Compact"



APPLICATIONS

Bicomponent Injection

- Acrylate gels,
- Epoxy Resin,
- Polyurethane resins and most of the coating for single-component injection



APPLICATION'S FIELDS

Bicomponent Injection

- Masonry injections
- Consolidation
- Tunneling
- Mining



INJECTION PACK

Ref.	Description	
SILVER50SI	SILVER 50 - 2K - VERTICAL - Bicomponent Pneumatic Pump - s.s. - Ratio 32:1 - With Pressure Reducer + Trolley + 2x Oleodinamic Pressure Gauge Kit + Dump Valves - Complete with: 2x Suction Systems kit, flexible 2x HP Hose 3/8" mt 10 fitting 16x1,5 1x Lance 2K "Compact" with static mixer	
SILVER50HSI	SILVER 50 - 2K - HORIZONTAL - Bicomponent Pneumatic Pump - s.s. - Ratio 32:1 - With Pressure Reducer + Trolley + 2x Oleodinamic Pressure Gauge Kit + Dump Valves - Complete with: 2x Suction Systems kit, flexible 2x HP Hose 3/8" mt 10 fitting 16x1,5 1x Lance 2K "Compact" with static mixer	

TECHNICAL DATA

SILVER 50 2K		
Ratio		32:1
Ratio		1:1
Max. Delivery	ltr/min	24,0
Max. Pressure Bar (PSI)		250 (3626)
Max. Air Inlet Pressure Bar (PSI)		8 (116)
Weight (bare)		70 kg.
Air Consumption	ltr/min	1000 -2650

SUGGESTED SPARE PARTS

Ref.	Description	
21603	Upper & Lower Packing Kit	
21618	Compression Valve Kit	
13648	Suction Valve Kit	
23162	Non return valve	

SUGGESTED ACCESSORIES

Ref.	Description	
M23050	HP Dump Valve F1/4" - s.s.	
M383838	Non Return valve HP F3/8" - s.s.	
62211016I	HP Hose D.3/8" M16x1.5 10 mt.	
66550B	Lance 2K "Compact"	



PERFORMANCES

- Easy maintenance
- Portable: small and handy
 - Easy to carry
- Driven by an electric drill
- Double speed = Double delivery
 - Strong and long life component

2,2
l/min.



STANDARD SET UP

Part no. M2

- Pump on Support
- Electric Drill
- 2x Gravity Hopper 1 ltr.
- 2x HP Hose mt. 2
- Lance 2K "Compact"



APPLICATIONS

Bicomponent Injection

- Acrylate gels,
- Epoxy Resin,
- Polyurethane resins and most of the coating for single-component injection



APPLICATION'S FIELDS

Bicomponent Injection

- Masonry injections
- Consolidation
- Tunneling
- Mining



INJECTION PACK

Ref.	Description	
M2	M2 Press Pump - cpl. with 2x gravity hopper 1 ltr + pump support - Complete with: 1x Drill 230V 2x HP hose d. 3/16" mt. 2 fitting 1/4" 1x Lance 2K "Compact" with static mixer	
M2M	M2 Press Pump - cpl. with 2x gravity hopper 1 ltr + trolley + Electric motor 230V/50 Hz + Complete with: 2x HP hose d. 3/16" mt. 2 fitting 1/4" 1x Lance 2K "Compact" with static mixer	

TECHNICAL DATA

	M1 Drill Version		M1 Electric Motor Version	
Drive type	Drill	Hilti	Singlephase electric motor	
Volt		240 Volt	230 Volt / 50 Hz	
Power	710 Watt	3,1 Amp	900	
RPM (2 velocità)	900	2.500		
Delivery (RPM 900)	ltr/min	0,840	ltr/min 1,70	
Delivery (RPM 2500)	ltr/min	2,200		
Max. Pressure Bar (PSI)		250 (3626)	250 (3626)	
Weight (Pump Bare)	Kg	7	Kg	23
Weight (Drill)	Kg	2,6		

SUGGESTED SPARE PARTS

Ref.	Description	
M103	Sleeve	
M104	Pistone	
M130	O-Ring	
M106	Ball	

SUGGESTED ACCESSORIES

Ref.	Description	
66550B	Lance 2K "Compact"	
620214I	HP Hose dia. 1/4" mt. 2	
M123	Gravity Hopper 1 ltr	
66561	Mouth piece	

 Electric Drill

 Cordless Drill

 Electric Motor

 Pneumatic Motor



PERFORMANCES

- Easy maintenance
- Portable: small and handy
- Easy to carry
- Driven by an electric drill, cordless drill, electric motor, pneumatic motor
- Double speed = Double delivery
- Strong and long life component

9,8
l/min.

18

Ref.	Description	
26600	GT2 for Injection - on support -	

APPLICATIONS

Bicomponent Injection

- Acrylate gels,
- Epoxy Resin,
- Polyurethane resins and most of the coating for single-component injection

TECHNICAL DATA

	 Electric Drill		 Cordless Drill		 Electric	 Pneumatic
Model	Hilti		Hilti		Singlephase	Air Motor
Volt	240 Volt		240 Volt		240V/50Hz	
Power	710 Watt	3,1 Amp	710 Watt	3,1 Amp	0,75 HP	2AM
RPM (2 speed)	900	2.500	900	2.500		
Delivery ltr/min	4,70	9,8	4,70	9,8	8,60	8,60
Max. Pressure Bar (PSI)	150 (2175)		150 (2175)		150 (2175)	150 (2175)
Weight (Pump Bare) Kg.	18		18		18	18
Weight (Drill, Engine) Kg.	1,5		2		7	4,5

INJECTION PACK Electric Drill

Ref.	Description	
26630	GT2 for Injection - on support - 2x Gravity Hopper 5 Ltr. + Hilti Drill UD 16 230V +2x HP Hose mt. 5 + Lance 2K «Compact»	
26670	GT2 for Injection - on support - 2x Flexible Suction System + Hilti Drill UD 16 230V + 2x HP Hose mt. 5 + Lance 2K «Compact»	

INJECTION PACK Cordless Drill

Ref.	Description	
26640	GT2 for Injection - on support - 2x Gravity Hopper 5 Ltr. + Hilti Cordless Drill SF 4-A + 2x HP Hose mt. 5 + Lance 2K «Compact»	
26680	GT2 for Injection - on support - 2x Flexible Suction System + Hilti Cordless Drill SF 4-A + 2x HP Hose mt. 5 + Lance 2K «Compact»	

INJECTION PACK Electric Motor

Ref.	Description	
26650	GT2 for Injection - on support - 2x Gravity Hopper 5 Ltr. + Electric Motor 230V/50Hz + 2x HP Hose mt. 5 + Lance 2K «Compact»	
26690	GT2 for Injection - on support - 2x Flexible Suction System + Electric Motor 230V/50Hz + 2x HP Hose mt. 5 + Lance 2K «Compact»	

INJECTION PACK Pneumatic Motor

Ref.	Description	
26660	GT2 for Injection - on support - 2x Gravity Hopper 5 Ltr. + Air Motor + 2x HP Hose mt. 5 + Lance 2K «Compact»	
26700	GT2 for Injection - on support - 2x Flexible Suction System + Air Motor + 2x HP Hose mt. 5 + Lance 2K «Compact»	

CHOOSE YOUR COMPOSITION

Cordless Drill



Electric Drill



Electric



Pneumatic



 Electric Drill

 Cordless Drill

 Electric Motor

 Pneumatic Motor



PERFORMANCES

- Easy maintenance
- Portable: small and handy
- Easy to carry
- Driven by an electric drill, cordless drill, electric motor, pneumatic motor
- Double speed = Double delivery
- Strong and long life component

14,7

l/min.

18

Ref.	Description	
27600	GT3 for Injection - on support -	

APPLICATIONS

Bicomponent Injection

- Acrylate gels,
- Epoxy Resin,
- Polyurethane resins and most of the coating for single-component injection

TECHNICAL DATA

	 Electric Drill		 Cordless Drill		 Electric	 Pneumatic
Model	Hilti		Hilti		Singlephase	Air Motor
Volt	240 Volt		240 Volt		240V/50Hz	
Power	710 Watt	3,1 Amp	710 Watt	3,1 Amp	0,75 HP	2AM
RPM (2 speed)	900	2.500	900	2.500		
Delivery ltr/min	7	14,7	7	14,7	12,90	12,90
Max. Pressure Bar (PSI)	150 (2175)		150 (2175)		150 (2175)	150 (2175)
Weight (Pump Bare) Kg.	25		25		25	25
Weight (Drill, Engine) Kg.	1,5		2		7	4,5

INJECTION PACK Electric Drill

Ref.	Description	
27630	GT3 for Injection - on support - 3x Gravity Hopper 5 Ltr. + Hilti Drill UD 16 230V + 3x HP Hose mt. 10 + Lance 3K «Compact»	
27670	GT3 for Injection - on support - 3x Flexible Suction System + Hilti Drill UD 16 230V + 3x HP Hose mt. 10 + Lance 3K «Compact»	

INJECTION PACK Cordless Drill

Ref.	Description	
27640	GT3 for Injection - on support - 3x Gravity Hopper 5 Ltr. + Hilti Cordless Drill SF 4-A + 3x HP Hose mt. 10 + Lance 3K «Compact»	
27680	GT3 for Injection - on support - 3x Flexible Suction System + Hilti Cordless Drill SF 4-A + 3x HP Hose mt. 10 + Lance 3K «Compact»	

INJECTION PACK Electric Motor

Ref.	Description	
27650	GT3 for Injection - on support - 3x Gravity Hopper 5 Ltr. + Electric Motor 230V/50Hz + 3x HP Hose mt. 10 + Lance 3K «Compact»	
27690	GT3 for Injection - on support - 3x Flexible Suction System + Electric Motor 230V/50Hz + 3x HP Hose mt. 10 + Lance 3K «Compact»	

INJECTION PACK Pneumatic Motor

Ref.	Description	
27660	GT3 for Injection - on support - 3x Gravity Hopper 5 Ltr. + Air Motor + 3x HP Hose mt. 10 + Lance 3K «Compact»	
27700	GT3 for Injection - on support - 3x Flexible Suction System + Air Motor + 3x HP Hose mt. 10 + Lance 3K «Compact»	

CHOOSE YOUR COMPOSITION

 Cordless Drill



 Electric Drill



 Electric



 Pneumatic



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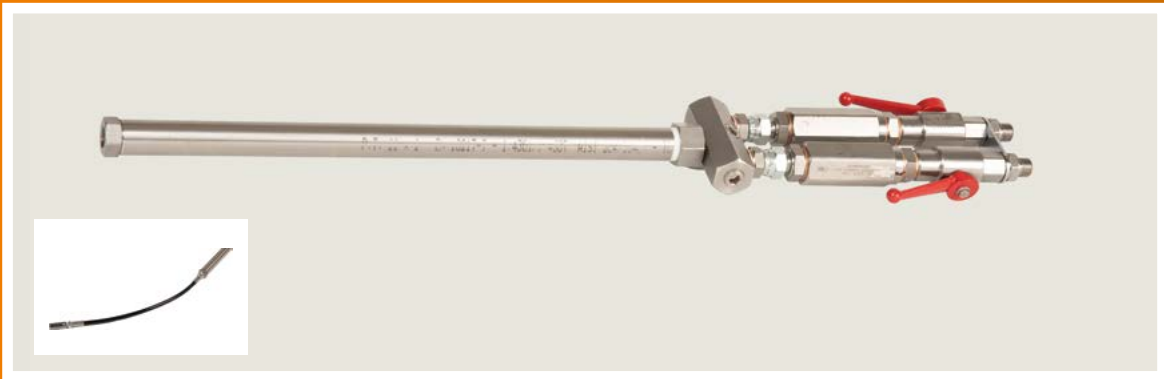


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INJECTION LANCE



LANCE 2K COMPACT

Lance 2K Compact complete with static mixer and flex. hose 30 cm. M1/8"

Ref.	Description	Elements	Fittings	
66550B	Lance 2K Compact	32	M1/4"	
66570B	Lance 2K Compact	32	M16x1,5	

LANCE 2K

Complete with static mixer



Ref.	Description	Fittings	
66550	Lance 2K with static mixer 32 Elements	M1/4"	
66570	Lance 2K with static mixer 32 Elements	M16x1,5	



LANCE 3K COMPACT

Lance 3K Compact completa di miscelatore statico e tubetto flessibile M1/8"

Ref.	Description	Ele-ments	Fittings	
66555B	Lance 3K Compact	32	MMM1/4"	
66575B	Lance 3K Compact	32	MMM16x1,5	
66576B	Lance 3K Compact	32	MM16x1,5 - M1/4"	
66577B	Lance 3K Compact	32	M16x1,5 - MM1/4"	

LANCE 3K

Complete with static mixer



Ref.	Description	Fittings	
66555	Lance 3K with static mixer 32 Elements	MMM1/4"	
66575	Lance 3K with static mixer 32 Elements	MMM16x1,5	
66576	Lance 3K with static mixer 32 Elements	MM16x1,5 - M1/4"	
66577	Lance 3K with static mixer 32 Elements	M16x1,5 - MM1/4"	

INJECTION LANCE



DINA-MIX

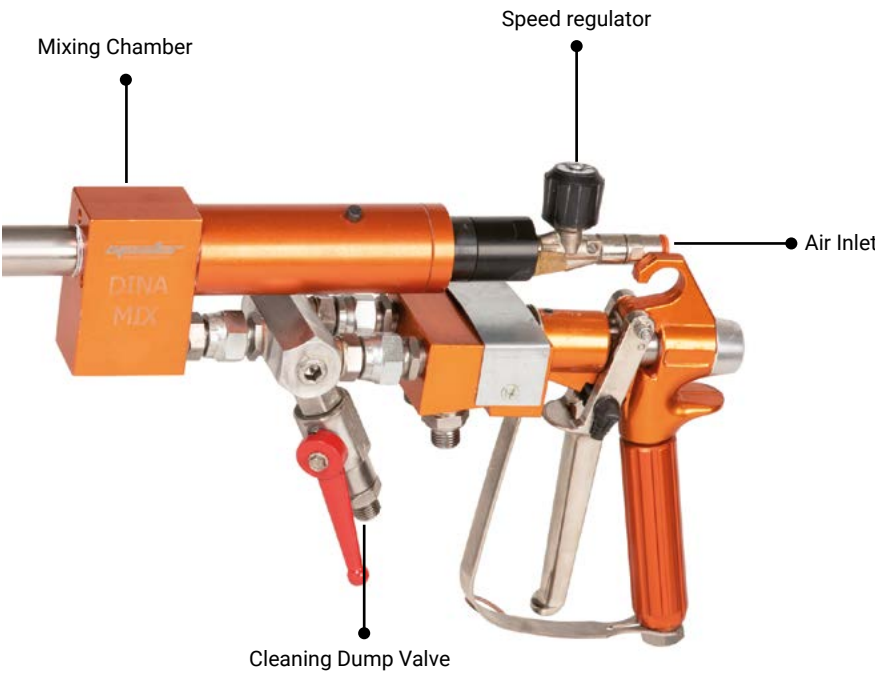
DINA-MIX is the new 3k gun able to perfectly mix the two components thanks to the possibility of adjusting the speed of the dynamic mixer. Ideal for highly professional injection jobs. The gun is available with or without a third washing inlet.

DINA-MIX combines the efficiency of the air motor with the resistance of the components, easy maintenance and comfort and safety of the operator.

Ref.	Version	Fittings	
66750	3K	MMM1/4"	
66755	3K	MMM16X1,5	
66850	2K	MM1/4"	
66855	2K	MM16X1,5	

Features

- Portable: small and handy
- Perfect mixing of the two components
- Adjustable speed of mixing
- Reliable air-motor
- Easy mixer replacement



Kit Injector Mini

High Pressure

Ref.	Fittings	
66581	M1/4"	

66582 M16x1,5



Kit Injector Maxi

High Pressure

Ref.	Fittings	
66583	M1/4"	

66584 M16x1,5



Kit Injector 5-outlets

Low Pressure

Ref.	Fittings	
66450	F1/4"	

66455 Iniettore



Dump Valve Kit Mini

Stainless Steel

Ref.	Inlet	Outlet	
66568	M1/4"	M1/8"	

66578 M16x1,5 M1/8"



Dump Valve Kit Maxi

Steel

Ref.	Inlet	Outlet	
66579	M1/4"	M1/8"	

66580 M16x1,5 M1/8"



P 500 INJ

Injection Gun

Ref.	Inlet	Outlet	
66603	M1/4"	M1/8"	

66604 M16x1,5 M1/8"

PACKER



Mouth piece

Ref.	
66561	



Flat Head - 90°

Ref.	
66553	



Flat Head - straight

Ref.	
66552	



Tube Piece
cm. 30

Ref.	Ø	M	M	
66562	3/16"	1/4"	1/8"	
66564	1/4"	1/4"	1/8"	



Static Mixer

Ref.	Elements	
66551	32	



Cage Mixer

Ref.	Elements	
66571	16	

PACKER Kombi

Steel Packer are available with ball head or flat head nipple.

Kombi Packer are available with rubber from Ø 8 mm up to Ø 17 mm, length 70-500 mm and with internal screw M5, M6 and M8.



Packer Ball Head Nipple

Ref.	Description
66551xxx	Packer - Ball Head Nipple



Packer Flat Head Nipple

Ref.	Description
6655xxx	Packer - Flat Head Nipple

Max. Pressure

Type	
M5	15 Mpa (150 bar)
M6 - M8 - M10	25 Mpa (250 bar)

PACKER

PACKER

Steel - with nut

These packer consisting of inner long screw with sealing rubber and distance tube with nut. Packer might be ended with a screw with outer thread, ball-head nipple or flat head nipple



Packer - Ball-Head Nipple

Ref.	Description
77551xxx	Packer - Ball Head Nipple



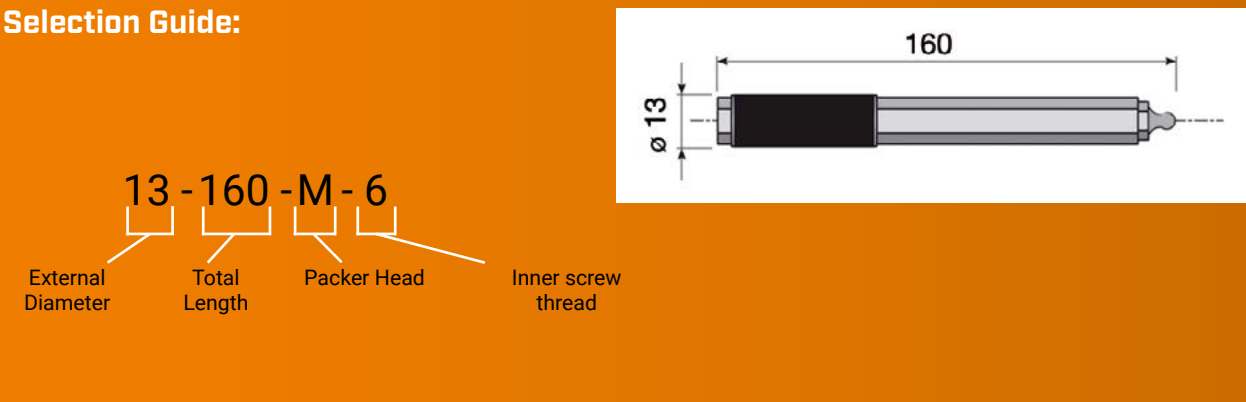
Packer - Flat-Head Nipple

Ref.	Description
7755xxx	Packer - Flat-Head Nipple

Max. Pressure

Type	
M5	15 Mpa (150 bar)
M6 - M8 - M10	25 Mpa (250 bar)

Selection Guide:



	Rubber length mm	Drilled Hole Ø mm		
8-90-M-5	30	8		✓
10-70-M-5	30	10	✓	✓
10-90-M-6	30	10		✓
10-100-M-5	40	10	✓	✓
10-100-M-6	35	10		✓
10-110-M-5	30	10	✓	✓
10-110-M-6	35	10		✓
12-70-M-6	30	12		✓
12-90-M-6	30	12	✓	✓
12-100-M-6	40	12	✓	✓
13-70-M-6	30	14	✓	✓
13-90-M-6	30	14	✓	✓
13-100-M-6	40	14	✓	✓
13-110-M-6	30	14	✓	✓
13-120-M-6	40	14	✓	✓
13-150-M-6	30	14		✓
13-160-M-6	40	14	✓	✓
14-70-M-6	30	14	✓	✓
14-100-M-6	40	14	✓	✓
14-100-M-8	40	14	✓	✓
16-70-M-6	30	16	✓	✓
16-100-M-6	40	16	✓	✓
17-100-M-8	35	18	✓	✓

PACKER

PLASTIC PACKER

Conical

Plastic conical injectors are used for low-pressure and high-pressure groutings. They are produced in versions with ball-head nipple or with flat-head nipple (P6). Injectors are intended into a solid substrate – for example into the concrete.



Conical Packer

One valve - Ball-Head

Ref.		Conf.
66559	Length 65	100 pz

Max. Pressure: 25 Mpa (250 bar)

	Hole Ø 10
--	-----------



Conical Packer

Double Valve

Ref.		Conf.
66554	Length 70	100 pz

Max. Pressure: 25 Mpa (250 bar)

	Hole Ø 10
--	-----------



Conical Packer

Flat-Head Nipple

Ref.		Conf.
66569	Length 73	100 pz

Max. Pressure: 25 Mpa (250 bar)

	Hole Ø 10
--	-----------

LAMELLA PACKER

Plastic injectors are used for no-pressure, low-pressure and high-pressure waterproof groutings. They are available in the versions with reverse valve (ball), or without ball. There are injectors designed for bore holes of diameter 12 mm, 14 mm and 18 mm in our offer.



Lamellar Packer

With Ball

Ref.		Conf.
666565	Length 70	50 pz

Max. Pressure: 10 MPa (100 Bar)

	Hole Ø 12
--	-----------



Lamellar Packer

Without Ball

Ref.		Conf.
666566	Length 70	50 pz

Max. Pressure: 10 MPa (100 Bar)

	Hole Ø 12
--	-----------



Lamellar Packer

Ref.		Conf.
666567	Length 115	50 pz

Max. Pressure: 40 Bar

	Hole Ø 18
--	-----------

STICK PACKER

These packers are used for grouting of cracks in the concrete or iron-concrete constructions, where isn't possible to drill into the construction.



Stick Packer

Plastic

Ref.	Material	Color
666571	Plastic	Pink



Stick Packer

Plastic

Ref.	Material	Color
666572	Plastic	White



Stick Packer

Metal

Ref.	Material	
666573	Metal	

PACKER

HYDRAULIC PACKER

Hydraulic packer is used for pressure groutings in rocks. Anchoring of the hydraulic packer into the borehole is done automatically by pumped injection mixture. Hydraulic packer can be delivered in two designations:

- with mixer
- without mixer



Hydraulic Packer 36/320

Without Mixer

Ref.		
665530	Length 320	

Max. Pressure: 18 Mpa (180 bar)

	Hole Ø 38-50
---	---------------------



Hydraulic Packer 36/320

With Mixer

Ref.		
665535	Length 320	

	Hole Ø 38-50
---	---------------------



Hydraulic Packer 40/320

Without Mixer

Ref.		
665540	Length 320	

Max. Pressure: 18 Mpa (180 bar)

	Hole Ø 42-60
---	---------------------



Hydraulic Packer 40/320

With Mixer

Ref.		
665545	Length 320	

	Hole Ø 42-60
---	---------------------

HOSES



We offer our customers a wide range of high and low pressure hoses with a variety of both types and lengths. Possibility of having customized lengths with fast supply times. The proposed hoses have characteristics that make them suitable for various types of coatings.

High Pressure hoses are made to meet the specific needs of customers, offering quality and resistance even to abrasive products.

The hoses offered are available in various diameters, types and lengths.

Braid	Fitting	Ø	Max. Pressure
Metallic - Single	AVP	3/16"	350 Bar
Metallic - Single	AVP	1/4"	325 Bar
Metallic - Single	AVP	3/8"	250 Bar
Metallic - Single	Stainless Steel	3/16"	350 Bar
Metallic - Single	Stainless Steel	1/4"	325 Bar
Metallic - Single	Stainless Steel	3/8"	250 Bar
Metallic - Double	AVP	1/4"	450 Bar
Metallic - Double	AVP	3/8"	428 Bar
Metallic - Double	Stainless Steel	1/4"	450 Bar
Metallic - Double	Stainless Steel	3/8"	428 Bar

HOSES



High Pressure Hose
Metal Braid
AVP Fitting

Ref.	Description	Diameter	Fitting	Length	
3/16" (NW4/5) 350 bar					
620514	HP Hose - Metal B.	D. 3/16"	1/4"	5 mt.	
6207514	HP Hose - Metal B.	D. 3/16"	1/4"	7.5 mt	
6201014	HP Hose - Metal B.	D. 3/16"	1/4"	10 mt.	
6201514	HP Hose - Metal B.	D. 3/16"	1/4"	15 mt.	
6202014	HP Hose - Metal B.	D. 3/16"	1/4"	20 mt.	
620516	HP Hose - Metal B.	D. 3/16"	M16x1.5	5 mt.	
6207516	HP Hose - Metal B.	D. 3/16"	M16x1.5	7.5 mt	
6201016	HP Hose - Metal B.	D. 3/16"	M16x1.5	10 mt.	
6201516	HP Hose - Metal B.	D. 3/16"	M16x1.5	15 mt.	
6202016	HP Hose - Metal B.	D. 3/16"	M16x1.5	20 mt.	
1/4" (NW6) 325 bar					
621514	HP Hose - Metal B.	D.1/4"	1/4"	5 mt.	
6217514	HP Hose - Metal B.	D.1/4"	1/4"	7,5 mt.	
6211014	HP Hose - Metal B.	D.1/4"	1/4"	10 mt.	
6212014	HP Hose - Metal B.	D.1/4"	1/4"	15 mt.	
6211514	HP Hose - Metal B.	D.1/4"	1/4"	20 mt.	
621516	HP Hose - Metal B.	D.1/4"	M16x1.5	5 mt.	
6217516	HP Hose - Metal B.	D.1/4"	M16x1.5	7,5 mt.	
60020	HP Hose - Metal B.	D.1/4"	M16x1.5	10 mt.	
6211516	HP Hose - Metal B.	D.1/4"	M16x1.5	15 mt.	
6212016	HP Hose - Metal B.	D.1/4"	M16x1.5	20 mt.	
3/8" (NW10) 250 bar					
6221514	HP Hose - Metal B.	D.3/8"	3/8"	5 mt.	
62217514	HP Hose - Metal B.	D.3/8"	3/8"	7,5 mt.	
62211014	HP Hose - Metal B.	D.3/8"	3/8"	10 mt.	
62212014	HP Hose - Metal B.	D.3/8"	3/8"	15 mt.	
62211514	HP Hose - Metal B.	D.3/8"	3/8"	20 mt.	
6221516	HP Hose - Metal B.	D.3/8"	M16x1.5	5 mt.	
62217516	HP Hose - Metal B.	D.3/8"	M16x1.5	7,5 mt.	
60030	HP Hose - Metal B.	D.3/8"	M16x1.5	10 mt.	
62211516	HP Hose - Metal B.	D.3/8"	M16x1.5	15 mt.	
62212016	HP Hose - Metal B.	D.3/8"	M16x1.5	20 mt.	



High Pressure Hose
Metal Braid
Stainless Steel Fitting

Ref.	Description	Diameter	Fitting	Length	
3/16" (NW4/5) 350 bar					
620514I	HP Hose - Metal B.	D. 3/16"	1/4"	5 mt.	
6207514I	HP Hose - Metal B.	D. 3/16"	1/4"	7.5 mt	
6201014I	HP Hose - Metal B.	D. 3/16"	1/4"	10 mt.	
6201514I	HP Hose - Metal B.	D. 3/16"	1/4"	15 mt.	
6202014I	HP Hose - Metal B.	D. 3/16"	1/4"	20 mt.	
620516I	HP Hose - Metal B.	D. 3/16"	M16x1.5	5 mt.	
6207516I	HP Hose - Metal B.	D. 3/16"	M16x1.5	7.5 mt	
6201016I	HP Hose - Metal B.	D. 3/16"	M16x1.5	10 mt.	
6201516I	HP Hose - Metal B.	D. 3/16"	M16x1.5	15 mt.	
6202016I	HP Hose - Metal B.	D. 3/16"	M16x1.5	20 mt.	
1/4" (NW6) 325 bar					
621514I	HP Hose - Metal B.	D.1/4"	1/4"	5 mt.	
6217514I	HP Hose - Metal B.	D.1/4"	1/4"	7,5 mt.	
6211014I	HP Hose - Metal B.	D.1/4"	1/4"	10 mt.	
6212014I	HP Hose - Metal B.	D.1/4"	1/4"	15 mt.	
6211514I	HP Hose - Metal B.	D.1/4"	1/4"	20 mt.	
621516I	HP Hose - Metal B.	D.1/4"	M16x1.5	5 mt.	
6217516I	HP Hose - Metal B.	D.1/4"	M16x1.5	7,5 mt.	
6211016I	HP Hose - Metal B.	D.1/4"	M16x1.5	10 mt.	
6211516I	HP Hose - Metal B.	D.1/4"	M16x1.5	15 mt.	
6212016I	HP Hose - Metal B.	D.1/4"	M16x1.5	20 mt.	
3/8" (NW10) 250 bar					
6221514I	HP Hose - Metal B.	D.3/8"	3/8"	5 mt.	
62217514I	HP Hose - Metal B.	D.3/8"	3/8"	7,5 mt.	
62211014I	HP Hose - Metal B.	D.3/8"	3/8"	10 mt.	
62212014I	HP Hose - Metal B.	D.3/8"	3/8"	15 mt.	
62211514I	HP Hose - Metal B.	D.3/8"	3/8"	20 mt.	
6221516I	HP Hose - Metal B.	D.3/8"	M16x1.5	5 mt.	
62217516I	HP Hose - Metal B.	D.3/8"	M16x1.5	7,5 mt.	
62211016I	HP Hose - Metal B.	D.3/8"	M16x1.5	10 mt.	
62211516I	HP Hose - Metal B.	D.3/8"	M16x1.5	15 mt.	
62212016	HP Hose - Metal B.	D.3/8"	M16x1.5	20 mt.	

HOSES



High Pressure Hose
Double Metal Braid
AVP Fitting

Ref.	Description	Diameter	Fitting	Length	
1/4" (NW6) 450 bar					
6317514	HP Hose - 2 Met.B.	D.1/4"	1/4"	7,5 mt.	
6311014	HP Hose - 2 Met.B.	D.1/4"	1/4"	10 mt.	
6312014	HP Hose - 2 Met.B.	D.1/4"	1/4"	15 mt.	
6311514	HP Hose - 2 Met.B.	D.1/4"	1/4"	20 mt.	
6317516	HP Hose - 2 Met.B.	D.1/4"	M16x1.5	7,5 mt.	
6311016	HP Hose - 2 Met.B.	D.1/4"	M16x1.5	10 mt.	
6311516	HP Hose - 2 Met.B.	D.1/4"	M16x1.5	15 mt.	
6312016	HP Hose - 2 Met.B.	D.1/4"	M16x1.5	20 mt.	
3/8" (NW10) 428 bar					
63217514	HP Hose - 2 Met.B.	D.3/8"	1/4"	7,5 mt.	
63211014	HP Hose - 2 Met.B.	D.3/8"	1/4"	10 mt.	
63212014	HP Hose - 2 Met.B.	D.3/8"	1/4"	15 mt.	
63211514	HP Hose - 2 Met.B.	D.3/8"	1/4"	20 mt.	
63217516	HP Hose - 2 Met.B.	D.3/8"	M16x1.5	7,5 mt.	
63211016	HP Hose - 2 Met.B.	D.3/8"	M16x1.5	10 mt.	
63211516	HP Hose - 2 Met.B.	D.3/8"	M16x1.5	15 mt.	
63212016	HP Hose - 2 Met.B.	D.3/8"	M16x1.5	20 mt.	



High Pressure Hoses
meter

Ref.	Diameter	Description	
620	Ø 3/16"	Hose reel 1 Wire 350 bar	
621	Ø 1/4"	Hose reel 1 Wire 325 bar	
622	Ø 3/8"	Hose reel 1 Wire 250 bar	
631	Ø 1/4"	Hose reel 2 Wires 450 bar	
632	Ø 3/8"	Hose reel 2 Wires 428 bar	



Air Hose

Ref.	Description	Ø	Bar	
HAH14	Air Hose	D. 6 mm	15 Bar	
HAH516	Air Hose	D. 8 mm	15 Bar	
HAH38	Air Hose	D. 10 mm	15 Bar	
HAH12	Air Hose	D. 13 mm	15 Bar	



HP Fitting
For High Pressure Hoses

Ref.	Description	
M1314160	HP Fitting FS FG 1/4" for hose 3/16"	
M1315160	HP Fitting FS FG 16x1,5 for hose 3/16"	
M1314140	HP Fitting FS FG 1/4" for hose 1/4"	
M1314149	HP Fitting FS FG 1/4" 90° for hose 1/4"	
M1315140	HP Fitting FS FG 16x1,5 for hose 1/4"	
M1338140	HP Fitting FS FG 3/8" for hose 1/4"	
M1338149	HP Fitting FS FG 3/8" 90° for hose 1/4"	
M1315380	HP Fitting FS FG 16x1,5 for hose 3/8"	
M1338380	HP Fitting FS FG 3/8" for hose 3/8"	
M1338389	HP Fitting FS FG 3/8" 90° for hose 3/8"	
M1312380	HP Fitting FS FG 1/2" for hose 3/8"	
M1312120	HP Fitting FS FG 1/2" for hose 1/2"	
M1312129	HP Fitting FS FG 1/2" 90° for hose 1/2"	
M1314160I	HP Fitting FS FG 1/4" for hose 3/16" s.s.	
M1314140I	HP Fitting FS FG 1/4" for hose 1/4" s.s.	
M1314149I	HP Fitting FS FG 1/4" 90° for hose 1/4" s.s.	
M1338380I	HP Fitting FS FG 3/8" for hose 3/8" s.s.	
M1338389I	HP Fitting FS FG 3/8" 90° for hose 3/8" s.s.	



Collar
For High Pressure Hoses

Ref.	Description	
M1300016	Collar for hose HA 3/16" Steel	
M1300014	Collar for hose HA 1/4" Steel	
M1300038	Collar for hose HA 3/8" Steel	
M1300012	Collar for hose HA 1/2" Steel	

ACCESSORIES



Nipples
High Pressure

Ref.	Description			
		M = Male	M = Male	
MN1414	HP Nipple	1/4" NPS	1/4" NPS	
MNB1414	HP Nipple	1/4" NPS	1/4" BSP	
MN1438	HP Nipple	1/4" NPS	3/8" NPS	
MB1438	HP Nipple	1/4" BSP	1/4" BSP	
MN1614	HP Nipple	M16x1.5	1/4" NPS	
MB1614	HP Nipple	M16x1.5	1/4" BSP	
M1616	HP Nipple	M16x1.5	M16x1.5	
MN3816	HP Nipple	3/8" NPS	M16x1.5	
MN3838	HP Nipple	3/8" NPS	3/8" NPS	
MN1414I	HP Nipple - S.S.	1/4" NPS	1/4" NPS	
MNB1414I	HP Nipple - S.S.	1/4" NPS	1/4" BSP	
MN1438I	HP Nipple - S.S.	1/4" NPS	3/8" NPS	
MB1438I	HP Nipple - S.S.	1/4" BSP	1/4" BSP	
MN1614I	HP Nipple - S.S.	M16x1.5	1/4" NPS	
MB1614I	HP Nipple - S.S.	M16x1.5	1/4" BSP	
M1616I	HP Nipple - S.S.	M16x1.5	M16x1.5	
MN3816I	HP Nipple - S.S.	3/8" NPS	M16x1.5	
MN3838I	HP Nipple - S.S.	3/8" NPS	3/8" NPS	
MN3812I	HP Nipple - S.S.	3/8" NPS	1/2" NPS	
MN1212	HP Nipple - S.S.	1/2" NPS	1/2" NPS	



Adapters
High Pressure

Ref.	Description			
		M = Male	M = Male	
ANB1414	HP Adapter	1/4" NPS	1/4" BSP	
AN1416	HP Adapter	1/4" NPS	M16x1.5	
ABN1414	HP Adapter	1/4" BSP	1/4" NPS	
AB1616	HP Adapter	1/4" BSP	M16x1.5	
AN3814	HP Adapter	3/8" NPS	1/4" NPS	
AN3816	HP Adapter	3/8" NPS	M16x1.5	
AN1212	HP Adapter	1/2" NPS	1/2" NPS	
AN1238	HP Adapter	1/2" NPS	3/8" NPS	
ANB1414I	HP Adapter - S.S.	1/4" NPS	1/4" BSP	
AN1416I	HP Adapter - S.S.	1/4" NPS	M16x1.5	
ABN1414I	HP Adapter - S.S.	1/4" BSP	1/4" NPS	
AB1616I	HP Adapter - S.S.	1/4" BSP	M16x1.5	
AN3814I	HP Adapter - S.S.	M16x1.5	1/4" BSP	
AN3816I	HP Adapter - S.S.	3/8" NPS	1/4" NPS	
AN1212I	HP Adapter - S.S.	1/2" NPS	1/2" NPS	
AN1238I	HP Adapter - S.S.	1/2" NPS	3/8" NPS	

Ref.	Description	
78520	Copper Gasket 1/8"	
77114	Copper Gasket 1/4"	
12116	Copper Gasket 3/8"	
13129	Copper Gasket 1/2"	



Copper Gasket



Adapters 90°
High Pressure

Ref.	Description			
		M	FG	
90002	HP Adapter 90°	1/4"	1/4"	
90001	HP Adapter 90°	3/8"	3/8"	
90023	HP Adapter 90°	1/2"	1/2"	
90004	HP Adapter 90°	3/4"	3/4"	
90005	HP Adapter 90°	1"	1"	

ACCESSORIES



Dump Valve Mini

Ref.	Fittings	
M23005	FF 1/4"	

M23050	FF 1/4" Stainless Steel	
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Dump Valve Maxi

Ref.	Fittings	
M23010	FF 1/4"	

M23015	FF 3/8"	
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M23025	FFF 1/4"	
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M23030	FFF 3/8"	
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M50470	MM 3/8"	
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LP Dump Valve

Ref.	Fittings	
12138	FF 1/4"	



Non Return Valve

Ref.		
M383814	F1/4" S.S.	
66573	M1/4" S.S.	
M383838	F3/8" S.S.	
M38383812	F1/2" S.S.	



Steck-O Adapter

Ref.		
664614	DN10 - 1/4"	
664611	DN10 - 3/8"	
664279	DN10 - 1/2"	



Steck-O Joint

Ref.		
661377	DN10	



Pressure Gauge

Ref.	Bar	
66003	0-400 Bar	



Pressure Gauge Kit

Ref.	Fittings	
66000	MF 16x1,5mm	
6600014	MF 1/4"	
M400810	FFF 1/4" Body	
M400811	FF 1/4" x F 16x1,5 Body	



Oleodynamic Pressure Gauge Kit

Ref.	Fittings	
66002	MF 1/4"	
66022	MF 16x1,5	



Cotter Pin - 86 mm

Ref.		
661375	DN10	



Steck-O Dump Valve

Ref.		
661424	DN10	



Steck-O Hose - DN10

Ref.		
661366	mt. 10	
661367	mt. 15	
661368	mt. 20	

ACCESSORIES



Micro Air Regulator
F 1/4"

Ref.	Fittings	
REG000	F1/4"	



Air Filter Regulator

Ref.	Fittings	
FRG38	F3/8"	
FRG12	F1/2"	
FRG14	F1/4"	



Separator Filter

Ref.	Fittings	
FC38	F3/8"	
FC12	F1/2"	
FC14	F1/4"	



Lubricator

Ref.	Fittings	
LUB38	F3/8"	
LUB12	F1/2"	



Air Pressure Gauge

Ref.	Bar	
12125	0 - 6 bar	
12130	0-12 bar	



Reductions

Ref.	Fittings	
M47100	F 1/8" x M 1/4"	
M47200	F 1/4" x M 3/8"	
M47300	F 1/4" x M 1/2"	
M47400	F 3/8" x M 1/2"	



Conical Nipple

Ref.	Fittings	
M46050	1/8" x 1/8"	
M46150	1/8" x 1/4"	
M46100	1/4" x 1/4"	
M46200	1/4" x 3/8"	
M46250	1/4" x 1/2"	
M46300	3/8" x 3/8"	



Sleeve

Ref.	Fittings	
M48150	F 1/4" x M 1/8"	
M48200	F 3/8" x M 1/4"	
M48300	F 1/2" x M 1/4"	
M48550	F 1/2" x M 3/8"	



L Adapter

Ref.	Fittings	
M50500	FF 1/4"	
M50400	FM 1/4"	
M50570	MM 1/4"	
M50550	FF 3/8"	
M50450	FM 3/8"	
M50470	MM 3/8"	



Fitting with milled nut

Ref.	Fittings	
M40180	M 1/4"	
M40182	M 3/8"	
M40190	F 1/4"	
M40192	F 3/8"	



T Adapter

Ref.	Fittings	
M50800	FFF 1/4"	
M50850	FFF 3/8"	
M50860	FFF 1/2"	
M50600	MFF 1/4"	
M50650	MFF 3/8"	
M50660	MFF 1/2"	



Quick Coupling

Ref.	Fittings	
M41150	F 1/4"	
M41100	M 1/4"	
M4115038	F 3/8"	
M4110028	M 3/8"	

ACCESSORIES



Automatic Fitting

Ref.	Hose - Size	
M110418	2x4 M 1/8"	
M119418	2x4 M 1/8" 90°	
M110614	4x6 M 1/4"	
M119614	M 1/4" 90°	
M110814	6x8 M 1/4"	
M119814	6x8 M 1/4" 90°	



Spiral Adapter 6x8

Ref.		
M41445	Rub.rapido	
M41440	inn. spirale	
M41425	baionetta	
M41470	F girevole 1/4"	
M41482	Resca 1/4"	



Ball Valve

Ref.	Size	
383114	FM 1/4"	
383014	FF 1/4"	
383038	FF 3/8"	
383012	FF 1/2"	
383034	FF 3/4"	
383100	FF 1"	



Gravity Hopper

Ref.	Capacity	
3800	6 ltr	
520001D	Cover	
80338	Retur Hose, Transparent	
803	Return Hose	



Gravity Hopper

Ref.	Capacity	
520030M36	30 ltr	
803	Return Hose	



Disc Filter
Ø 89

Ref.	Mesh	
67502	30	
67501	50	
67503	100	



Female Coupling

Ref.		
M40050	6x14	
M48200	8x17	



Bayonet Coupling

Ref.		
M40010	6x14	
M40014	8x17	



Hose Connector with quick release valve

Ref.	Tubo	
M41190	6x14	
M41200	8x17	



L - Adapter

Ref.	Size	
SUCLM36	F36x2 x M36x2	
SUCL12	F36x2 x M1/2"	
10117	Inlet Sleeve	



U - Adapter

Ref.	Size	
SUCUM36	M36x2 x F36x2	
SUCU12	F36x2 x M3/4"	
SUCU34	F36x2 x M1/2"	
10117	Inlet Sleeve	



U - 45° - Adapter

Ref.	Size	
SUC180M36	M36x2 x F36x2	
SUC18034	F36x2 x 3/4"	
10117	Inlet Sleeve	

SUCTION SYSTEM

Kit Flex. Suction System

Ø19 mm - L. 750 - s.s.



Ref.	Description	
6603412I	Suction System Kit d. 19- M1/2" - FG 3/4"	
6634912I	Suction System Kit d. 19- M1/2" - FG 3/4" - 90°	
63101I	Suction System Kit d. 19- M1/2" - FG 36x2	
6310190I	Suction System Kit d. 19- M1/2" - FG 36x2 - 90°	

Flexible Suction Hose

Ø19 mm - L. 750 - s.s.



Ref.	Description	
6603412TI	Suction Hose d. 19- M1/2" - FG 3/4"	
6634912TI	Suction Hose d. 19- M1/2" - FG 3/4" - 90°	
63101TI	Suction Hose d. 19- M1/2" - FG 36x2	
63101T90I	Suction Hose d. 19- M1/2" - FG 36x2 - 90°	

Kit Flex. Suction System

Ø25 mm - L. 750 - s.s.



Ref.	Description	
670001I	Suction System Kit d. 25- M28x1,5 - FG 1"	
670019I	Suction System Kit d. 25- M28x1,5 - FG 1" - 90°	
63152I	Suction System Kit d. 25 - M28X1,5 - FG 36x2	
6315290I	Suction System Kit d. 25 - M28X1,5 - FG 36x2 - 90°	
770001I	Suction System Kit d. 25- M28x1,5 - FG 1" - Transparent	
7634912I	Suction System Kit d. 25- M28x1,5 - FG 1" - 90° - Transparent	
73152I	Suction System Kit d. 25 - M28X1,5 - FG 36x2 - Transparent	
7315290I	Suction System Kit d. 25 - M28X1,5 - FG 36x2 - 90° - Transparent	

Flexible Suction Hose

Ø25 mm - L. 750 - s.s.



Ref.	Description	
670001TI	Suction Hose d. 25- M28x1,5 - FG 1"	
6634912TI	Suction Hose d. 25- M28x1,5 - FG 1" - 90°	
63152TI	Suction Hose d. 25 - M28X1,5 - FG 36x2	
63152T90I	Suction Hose d. 25 - M28X1,5 - FG 36x2 - 90°	
770001TI	Suction Hose d. 25- M28x1,5 - FG 1" - Transparent	
7634912TI	Suction Hose d. 25- M28x1,5 - FG 1" - 90° -Transparent	
73152TI	Suction Hose d. 25 - M28X1,5 - FG 36x2 - Transparent	
73152T90I	Suction Hose d. 25 - M28X1,5 - FG 36x2 - 90° - Transparent	

SUCTION SYSTEM

Return Hose



Ref.	Description	
803I	Return Hose	
80390I	Return Hose 90°	
80338I	Return Hose for Gravity Hopper	

Return Hose Transparent



Ref.	Description	
903I	Return Hose	
90390I	Return Hose 90°	

Suction Hose for Tank

Ø25 mm - L. 750 - Stainless Steel



Ref.	Description	
63191	Suction Hose for tank d. 25- FG 36x2	
63192	Suction Hose for tank d. 25- FG 36x2 - Transparent	

Suction System Kit for Tank Ø25 mm - L. 750 - Stainless Steel



Ref.	Description	
63194	Suction System Kit for Tank d. 25- FG 36x2 - with LP Dump Valve	
63193	Suction System Kit for Tank d. 25- FG 36x2 - with LP Dump Valve - Transparent	

SUCTION SYSTEM



Mini Filter

Stainless Steel

High Quality stainless steel suction filters available in various sizes and mesh



Cylindrical Sieve

High quality suction filter available in different sizes.

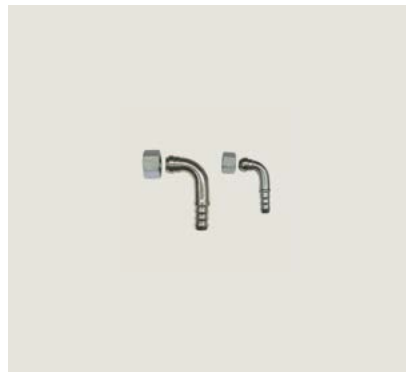
Ref.	Description	Sizes	Mesh	
M361530	Mini Filter	F15x1	30 M	
M361560	Mini Filter	F15x1	60 M	
M361230	Mini Filter	F1/2"	30 M	
M361260	Mini Filter	F1/2"	60 M	
M363430	Mini Filter	F3/4"	30 M	
M363460	Mini Filter	F3/4"	60 M	
M362830	Mini Filter	F 28x1,5"	30 M	
M362860	Mini Filter	F 28x1,5"	60 M	

Ref.	Description	Sizes	Mesh	
67534	Cylindrical Sieve	F 28x1,5"	30 M	
67535	Cylindrical Sieve	F 28x1,5"	60 M	



Nut and Shank

Steel



Nut and Shank 90°

Steel

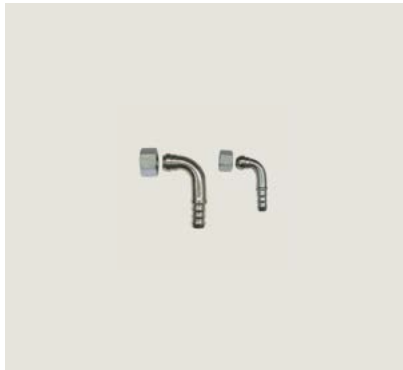
Ref.	Description		
M1912130	Nut F1/2"	- Shank 13 mm. FE	
M1934130	Nut F3/4"	- Shank 13 mm. FE	
M1934190	Nut F3/4"	- Shank 19 mm. FE	
M1901250	Nut F1"	- Shank 25 mm. FE	
M1936130	Nut F36x2	- Shank 13 mm. FE	
M1936190	Nut F36x2	- Shank 19 mm. FE	
M1936250	Nut F36x2	- Shank 25 mm. FE	
M1920130	Nut 20x2	- Shank 13 mm. FE	

Ref.	Description		
M1912139	Nut F1/2"	- Shank 13 mm. 90° FE	
M1934139	Nut F3/4"	- Shank 13 mm. 90° FE	
M1934199	Nut F3/4"	- Shank 19 mm. 90° FE	
M1901259	Nut F1"	- Shank 25 mm. 90° FE	
M1936139	Nut F36x2	- Shank 13 mm. 90° FE	
M1936199	Nut F36x2	- Shank 19 mm. 90° FE	
M1936259	Nut F36x2	- Shank 25 mm. 90° FE	
M1920139	Nut 20x2	- Shank 13 mm. 90° FE	

SUCTION SYSTEM



Nut and Shank
Stainless Steel



Nut and Shank 90°
Stainless Steel

Ref.	Description		
M1912130I	Nut F1/2"	- Shank 13 mm. Stainless Steel	
M1934130I	Nut F3/4"	- Shank 13 mm. Stainless Steel	
M1934190I	Nut F3/4"	- Shank 19 mm. Stainless Steel	
M1901250I	Nut F1"	- Shank 25 mm. Stainless Steel	
M1936130I	Nut F36x2	- Shank 13 mm. Stainless Steel	
M1936190I	Nut F36x2	- Shank 19 mm. Stainless Steel	
M1936250I	Nut F36x2	- Shank 25 mm. Stainless Steel	
M1920130I	Nut 20x2	- Shank 13 mm. Stainless Steel	

Ref.	Description		
M191239I	Nut F1/2"	- Shank 13 mm. 90° Stainless Steel	
M1934139I	Nut F3/4"	- Shank 13 mm. 90° Stainless Steel	
M1934199I	Nut F3/4"	- Shank 19 mm. 90° Stainless Steel	
M1901259I	Nut F1"	- Shank 25 mm. 90° Stainless Steel	
M1936139I	Nut F36x2	- Shank 13 mm. 90° Stainless Steel	
M1936199I	Nut F36x2	- Shank 19 mm. 90° Stainless Steel	
M1936259I	Nut F36x2	- Shank 25 mm. 90° Stainless Steel	
M1920139I	Nut 20x2	- Shank 13 mm. 90° Stainless Steel	



Reusable Fitting
Steel

Ref.	Description	
M1314160	HP Fitting FS FG 1/4" for hose 3/16"	
M1315160	HP Fitting FS FG 16x1,5 for hose 3/16"	
M1314140	HP Fitting FS FG 1/4" for hose 1/4"	
M1314149	HP Fitting FS FG 1/4" 90° for hose 1/4"	
M1315140	HP Fitting FS FG 16x1,5 for hose 1/4"	
M1338140	HP Fitting FS FG 3/8" for hose 1/4"	
M1338149	HP Fitting FS FG 3/8" 90° for hose 1/4"	
M1315380	HP Fitting FS FG 16x1,5 for hose 3/8"	
M1338380	HP Fitting FS FG 3/8" for hose 3/8"	
M1338389	HP Fitting FS FG 3/8" 90° for hose 3/8"	
M1312380	HP Fitting FS FG 1/2" for hose 3/8"	
M1312120	HP Fitting FS FG 1/2" for hose 1/2"	
M1312129	HP Fitting FS FG 1/2" 90° for hose 1/2"	
M1314160I	HP Fitting FS FG 1/4" for hose 3/16" Stainless Steel	
M1314140I	HP Fitting FS FG 1/4" for hose 1/4" Stainless Steel	
M1314149I	HP Fitting FS FG 1/4" 90° for hose 1/4" Stainless Steel	
M1338380I	HP Fitting FS FG 3/8" for hose 3/8" Stainless Steel	
M1338389I	HP Fitting FS FG 3/8" 90° for hose 3/8" Stainless Steel	
M1300016	Collar for hose HA 3/16" Steel	
M1300014	Collar for hose HA 1/4" Steel	
M1300038	Collar for hose HA 3/8" Steel	
M1300012	Collar for hose HA 1/2" Steel	

MIXER



Electric Mixer
1600 W - RPM 700

Ref.	Description	
MSDP-M209B	Electric Mixer - 1600 W - RPM 700	
	Voltage: 230 V - 50 Hz Power: 1600 W N.Idle speed: 700/min. Connection: 1/2"-20 UNF + M14 ø max mixer: 140 mm. Weight: 4,2 kg.	



Electric Mixer
1100 W - RPM 500

Ref.	Description	
MSMX8371	Electric Mixer - 1100 W - RPM 500	
	Voltage: 230 V Power: 1100 W N.Idle speed: 550/min. Connection:1/2"-20 UNF + M14 ø max mixer: 120 mm. Weight:4 kg.	



Electric Mixer
1300 W - RPM 700

Ref.	Description	
MSEV23368	Electric Mixer - 1300 W - RPM 700	
	Voltage: 230 V Power: 1300 W N.Idle speed: 0-400/0 - 700/min. Connection: 1/2"-20 UNF + M14 ø max mixer: 160 mm. Weight: 4,5 kg.	



Electric Mixer
1400 W - RPM 700

Ref.	Description	
MSMX10371	Electric Mixer - 1400 W - RPM 700	
	Voltage: 230 V Power: 1400 W N.Idle speed: 700/min. Connection:1/2"-20 UNF + M14 ø max mixer: 140 mm. Weight: 4,5 kg	



Mixer

Ref.	Description	
MSUG120-25	Mixer cage	
MSFM120-130	Mixer circular	



Pneumatic Agitator

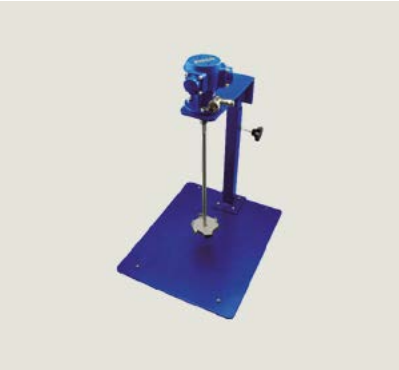
Ref.	Description	
RBMN	Mini Agitator - max. 10 ltr.	

MIXER



Pneumatic Agitator

Ref.	Description	
RBMA	Mobil Agitator - max. 30 ltr.	



Base Pneumatic Agitator

Ref.	Description	
RBBA	Agitator Base cpl. - max 30. ltr.	



Pneumatic Agitator

Ref.	Description	
M205000	Pneumatic Agitator - 1 AM motor - cpl.. with support with adjustable height	
M205003	Pneumatic Agitator - 1 AM motor - without support	
M205005	Support	
M205006	Propeller and Shaft	



Pneumatic Agitator

Ref.	Description	
MS1AM000	Pneumatic mixer with 3 holes base	
MS2AM000	Pneumatic mixer 2 AM RB-FA with 3 holes base	
MS2AM001	Pneumatic mixer RB 6 AM with threaded base and nut	
MSFA106N	Propeller stirrer nylon	
MSFA106L	Propeller stirrer aluminium	
MSAT2AS36	Helix and screw stainless steel stirrer2,5	



Pneumatic Agitator

For Drums

Ref.	Description	
MSRB-40AVS	Pneumatic agitator for barrel with variable speed.stain- less steel shaft	
	Power: 2,5 Hp Air Consumption: 16 S.C.F.M. Weight: 6 kg.	
MSRB-FAVS	Pneumatic agitator for barrel with variable speed.stain- less steel shaft	
	Power: 1,4 Hp Air Consumption 16 S.C.F.M. Weight: 5,5 kg.	



Pneumatic Agitator

Ref.	Description	
MS1AM25	Pneumatic variable speed agitator mounted on cover for drums 25 lt.	
MS2AM25	Pneumatic variable speed agitator mounted on cover for drums 25 lt.	
MS2AM200	Pneumatic variable speed agitator mounted on cover for drums 200 lt.	
MS25AM200	Pneumatic variable speed agitator mounted on cover for drums 200 lt.	
MS80200	Pneumatic variable speed agitator for drums	
MS80200-A	Pneumatic variable speed agitator for drums	

HEATING SYSTEM



Heated Hose

Serie 3000

Ref.	Description	
GHHT75516	Heated Hose - Textile - D. 5/16" mt. 7,5	
GHHT15	Heated Hose - Textile - D. 3/8" mt. 15	
GHHT30	Heated Hose - Textile - D. 3/8" mt. 30	



Heated Hose

Serie 4000

Ref.	Description	
GHHT7555	Heated Hose - TX - mt. 7,5 - D. 5/16" - 55°C	
GHHT1555	Heated Hose - TX - mt. 15 - D. 3/8" - 55°C	



Heating Band - 10 Lt

Silicon Heating Band for 10 Lt. Drums

Ref.	Description	
FS10	Silicon Heating Band for 10 Lt. Drums 700X95mm W400 V230/1 ts 0/130°C Power Cable 1500mm, chainlets with springs	
	Suitable only for metal drums. Electric Supply: V 230/1 Power: 400 W Thermal Insulation: silicon and fibreglass Thermostat: adjustable from 0 °C to 130 °C Dimensions: h 95 mm x length 700 mm including closure with springs and chainlets that can be extended Power Cable: 2 meters without plug	



Heating Band - 25 Lt

Silicon Heating Band for 25 Lt. Drums

Ref.	Description	
FS25	Silicon Heating Band for 25 Lt. Drums 800X95mm W300 V230/1 ts 0/130°C Power Cable 1500mm, chainlets with springs	
	Suitable only for metal drums. Electric Supply : V 230/1 Power : 300 W Thermal Insulation : silicon and fibreglass Thermostat : adjustable from 0 °C to 130 °C Dimensions : h 95 mm x length 800 mm Closure: chainlets with springs that can be extended Power Cable : 1,5 meters without plug	



Heating Band - 50 Lt

Silicon Heating Band for 50 Lt. Drums

Ref.	Description	
FS50	Silicon Heating Band for 50 Lt. Drums 950X115mm W300 V230/1 ts 0/130°C Power Cable 1500mm, chainlets with springs	
	Suitable only for metal drums. Electric Supply: V 240/1 Power: 500 W Thermal Insulation: silicon and fibreglass Thermostat: min./max. from 0 °C to 130 °C Dimensions: h 115 mm x length 950 mm including closure with springs and chainlets Power Cable: 1,5 meters without plug	

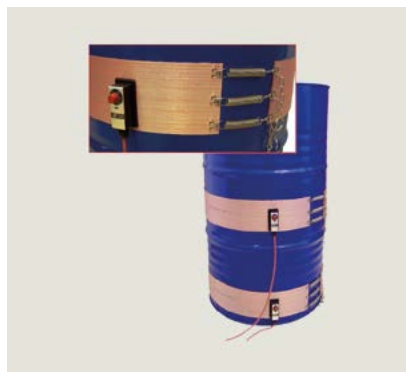


Heating Band -100 Lt

Silicon Heating Band for 100 Lt. Drums

Ref.	Description	
FS100	Silicon Heating Band for 100 Lt. Drums 1300X115mm W800 V230/1 ts 0/130°C Power Cable 1500mm, chainlets with springs	
	Suitable only for metal drums. Electric Supply: V 230/1 Power: 800 W Thermal Insulation: silicon and fibreglass Thermostat: adjustable from 0 °C to 130 °C Dimensions: h 115 mm x length 1300 mm Closure: chainlets with springs that can be extended Power Cable: 1,5 meters without plug	

HEATING SYSTEM



Heating Band - 200 Lt

Silicon Heating Band 200 Lt. Drums

Ref.	Description	
FS200	Silicon Heating Band 200 Lt. Drums 1710X115mm W1500 V230/1 ts 0/130°C Power Cable 1500mm, chainlets with springs	
	Suitable only for metal drums. Electric Supply: V 230/1 Power: 1500 W Thermal Insulation: silicon and fibreglass Thermostat: adjustable from 0 °C to 130 °C Dimensions: h 115 mm x length 1710 mm Closure: chainlets with springs that can be extended Power Cable: 1,5 meters without plug	



Heating Jacket - 25 Lt

Heating jacket for heating of 25 lt drums in plastic or metal

Ref.	Description	
CM25-90	Heating jacket for Drums 25 Lt. 0/90°	
	Electric Supply : V 230/1 - Power: 225 W Thermal Insulation: glass cloth - Thermostat : 0/90°C or 0/40°C - Construction : Outer: nylon. Inner: elastomer high temperature glass cloth. Dimensions : h 400 mm x circumference from 1.080 mm to 1.200 mm Power Cable : 4 meters with plug	
CM25-200	Heating jacket for Drums 25 Lt. 0/200°	
	Electric Supply : V 230/1 - Power: 380 W Thermal Insulation: stitch bonded, needled, non-combustible high density glass fibre mat - Thermostat : 0/220°C Construction : coated silicone glass fibre cloth. - Dimensions : h 400 mm x circumference from 870 mm to 1.200 mm - Power Cable : 4 meters with plug	



Heating Jacket - 50 Lt

Heating jacket for heating of 50 lt drums in plastic or metal

Ref.	Description	
CM50-90	Heating jacket for Drums 50 Lt. 0/90°	
	Electric Supply : V 230/1 - Power: 300 W Thermal Insulation: glass cloth Thermostat : 0/90°C (on request 0/40°C) Construction Outer: nylon. Inner: elastomer high temperature glass cloth. Dimensions : h 460 mm x circumference from 1.100 mm	
CM50-200	Heating jacket for Drums 50 Lt. 0/200°	
	Electric Supply : V 230/1 - Power: W 440 Thermal Insulation: stitch bonded, needled, non-combustible high density glass fibre mat -Thermostat : 0/220°C Construction : coated silicone glass fibre cloth. Dimensions : h 460 mm x circumference from 1.100 mm to 1.330 mm	



Heating Jacket -100 Lt

Heating Jacket for plastic drums 100 lt.



Heating Jacket -200 Lt

Heating jacket for heating of 200 lt drums in plastic or metal



Heating Jacket-1000 Lt

Heating jacket for IBC 1.000 lt tanks

Ref.	Description	
CM100-90	Heating jacket for Drums 100 Lt. 0/90°	
	Electric Supply : V 230/1 - Power: 400 W Thermal Insulation: glass cloth - Thermostat : 0/90°C (on request 0/40°C) - Construction Outer: nylon. Inner: elastomer high temperature glass cloth. Dimensions : h 370 mm x circumference from 1.530 mm to 1.650 mm	
CM100-200	Heating jacket for Drums 100 Lt. 0/200°	
	Electric Supply : V 230/1 - Power: 700 W Thermal Insulation: stitch bonded, needled, non-combustible high density glass fibre mat - Thermostat : 0/200°C Construction : coated silicone glass fibre cloth. Dimensions : h 370 mm x circumference from 1.530 mm to 1.650 mm	

Ref.	Description	
CM200-90	Heating jacket for Drums 200 Lt. 0/90°	
	Electric Supply : V 230/1 - Power: 1.200 W Thermal Insulation: glass cloth - Thermostat : 0/90°C (on request 0/40°C) - Construction Outer: nylon. Inner: elastomer high temperature glass cloth. Dimensions : h 800 mm x perimeter from 1.800 mm to 1.990 mm	
CM200-200	Heating jacket for Drums 200 Lt. 0/200°	
	Electric Supply : V 230/1 - Power: 1.500 W Thermal Insulation: stitch bonded, needled, non-combustible high density glass fibre mat - Thermostat : 0/220°C Construction : coated silicone glass fibre cloth. Dimensions : h 800 mm x perimeter from 1.800 mm up to 1.990 mm	

Ref.	Description	
CM1000	Heating jacket for Drums 1000 Lt. 0/90°	
	Electric Supply : V 230/1 Power: W 3.200 Thermostat : adjustable 0/90°C Construction Outer: nylon. Inner: elastomer high temperature glass cloth. Dimensions : h 1000 mm x perimeter from 4.060 mm to 4.400 mm Suitable for container with 1.000 lt capacity	

NOTE

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



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