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EQUIPMENT FOR APPLICATION OF DISPERSION ADHESIVES AND OTHER LIQUID PRODUCTS BROCHURE OCTOBER 2012

- Glue feed units
 - Diaphragm pump
 - Piston Pump
 - Pressure tank
 - Microprocessor controls
 - Distributors, hoses and accessories



- Glue guns for line, dot and spray application
 - Electromagnetic guns
 - Electropneumatic guns



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Note: All prices are subject to change, excl. VAT and delivery as well. According to our general terms and conditions.
 Photos and drawings of the products in the catalog may differ from the actual products.

1 GLUE FEED UNITS

DIAPHRAGM PUMP

The glue feed unit with diaphragm pump are designed to be used to supply low viscosity adhesives.

They are equipped with a Diaphragm pump ratio 1:1.

The pump is fitted on a plastic cover and it is easy to transferable bucket with water to flush the system.

The unit can be provided with a stainless steel filter / pulsation dampener.

In order to control the Glue quantity in function of the machine speed, a pneumatic stainless steel pressure regulator is controlled by an I/P transducer.

Technical data	
Pump ratio	1:1
Pump air control	Max 6.0 bar
Max Glue viscosity	1000 mPas
I/P transducer	0-20 mA
Outlet pressure range	from 0,5 to 6,0 bar



PISTON PUMP

The Glue feed unit with piston pump are designed to be used to supply medium viscosity adhesives.

They are equipped with a piston pump ratio 4:1.

The pump is fitted on a plastic and it is easy to transferable bucket with water to flush the system.

The unit can be provided with a stainless steel filter / pulsation dampener.

In order to control the Glue quantity in function of the machine speed, a pneumatic stainless steel pressure regulator 4:1 is controlled by a I/P transducer.

Technical data	
Pump ratio	4:1
Pump air control	Max 6.0 bar
Max Glue viscosity	10000 mPas
I/P transducer	0-20 mA
Outlet pressure range	from 0,5 to 24,0

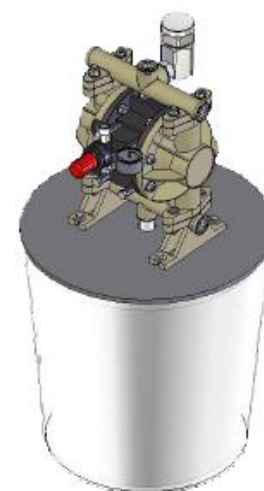


1.1 DIAPHRAGM PUMP

Code	Description	Price€
A15810900	Glue feed unit med Diaphragm pump: Pump polypropylene, seat polypropylene, Diaphragms and balls teflon. Bucket, cover and suction pipe with filter and bottom valve	
A15810901	Glue feed unit with Diaphragm pump: Pump polypropylene, seat polypropylene, Diaphragms and balls santoprene. Bucket, cover and suction pipe with filter and bottom valve	
A15810902	Glue feed unit with Diaphragm pump: Pump polypropylene, Diaphragms teflon balls and seat stainless steel. Bucket, cover and suction pipe with filter and bottom valve	



Code	Description	Price€
A15810910	Glue feed unit with Diaphragm pump: Pump polypropylene, seat polypropylene, Diaphragms and balls teflon. Bucket, cover and suction pipe with filter, bottom valve and stainless steel filter / pulsation dampener	
A15810911	Glue feed unit with Diaphragm pump: Pump polypropylene, seat polypropylene, Diaphragms and balls santoprene. Bucket, cover and suction pipe with filter, bottom valve and stainless steel filter / pulsation dampener	
A15810912	Glue feed unit with Diaphragm pump: Pump polypropylene, Diaphragms teflon balls and seat stainless steel. Bucket, cover and suction pipe with filter, bottom valve and stainless steel filter / pulsation dampener	

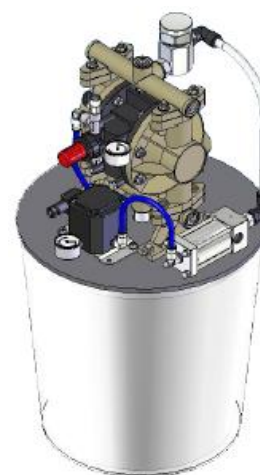


1.1 DIAPHRAGM PUMP – 2.

Code	Description	Price€
A15811100	Glue feed unit with Diaphragm pump: Pump polypropylene, seat polypropylene, Diaphragms and balls teflon. Bucket, cover and suction pipe with filter, bottom valve, stainless steel filter / pulsation dampener and stainless steel manual Pressure regulator	
A15811101	Glue feed unit with Diaphragm pump: Pump polypropylene, seat polypropylene, Diaphragms and balls santoprene. Bucket, cover and suction pipe with filter, bottom valve, stainless steel filter / pulsation dampener and stainless steel manual Pressure regulator	
A15811102	Glue feed unit with Diaphragm pump: Pump polypropylene, Diaphragms teflon balls and seat stainless steel. Bucket, cover and suction pipe with filter, bottom valve, stainless steel filter / pulsation dampener and stainless steel manual Pressure regulator	



Code	Description	Price€
A15911100	Glue feed unit with Diaphragm pump: Pump polypropylene, seat polypropylene, Diaphragms and balls teflon. Bucket, cover and suction pipe with filter, bottom valve, stainless steel filter / pulsation dampener and stainless steel automatic Pressure regulator	
A15911101	Glue feed unit with Diaphragm pump: Pump polypropylene, seat polypropylene, Diaphragms and balls santoprene. Bucket, cover and suction pipe with filter, bottom valve, stainless steel filter / pulsation dampener and stainless steel automatic Pressure regulator	
A15911102	Glue feed unit with Diaphragm pump: Pump polypropylene, Diaphragms teflon balls and seat stainless steel. Bucket, cover and suction pipe with filter, bottom valve, stainless steel filter / pulsation dampener and stainless steel automatic Pressure regulator	



1.1 DIAPHRAGM PUMP – 3.

Code	Description	Price€
A15911200	Glue feed unit with Diaphragm pump: Pump polypropylene, seat polypropylene, Diaphragms and balls teflon. Bucket, cover and suction pipe with filter, bottom valve, stainless steel filter / pulsation dampener, stainless steel automatic Pressure regulator and level sensor	
A15911201	Glue feed unit with Diaphragm pump: Pump polypropylene, seat polypropylene, Diaphragms and balls santoprene. Bucket, cover and suction pipe with filter, bottom valve, stainless steel filter / pulsation dampener, stainless steel automatic Pressure regulator and level sensor	
A15911202	Glue feed unit with Diaphragm pump: Pump polypropylene, Diaphragms teflon balls and seat stainless steel. Bucket, cover and suction pipe with filter, bottom valve, stainless steel filter / pulsation dampener, stainless steel automatic Pressure regulator and level sensor	



1.2 PISTON PUMP

Code	Description	Price€
A16810910	Glue feed unit with piston pump: Stainless steel piston pump 4:1 Bucket, cover suction pipe with filter and stainless steel filter / pulsation dampener	



Code	Description	Price€
A16811100	Glue feed unit with piston pump: Stainless steel piston pump 4:1 Bucket, cover suction pipe with filter, stainless steel filter / pulsation dampener and stainless steel manual Pressure regulator	



Code	Description	Price€
A16811200	Glue feed unit with piston pump: Stainless steel piston pump 4:1 Bucket, cover suction pipe with filter, stainless steel filter / pulsation dampener, stainless steel manual Pressure regulator and level sensor	



1.2 PISTON PUMP – 2.

Code	Description	Price€
A16911100	Glue feed unit with piston pump: Stainless steel piston pump 4:1 Bucket, cover suction pipe with filter, stainless steel filter / pulsation dampener, stainless steel automatic Pressure regulator and proportional valve.	



Code	Description	Price€
A16911200	Glue feed unit with piston pump: Stainless steel piston pump 4:1 Bucket, cover suction pipe with filter, stainless steel filter / pulsation dampener, stainless steel automatic Pressure regulator, proportional valve and level sensor.	



Code	Description	Price€
A17010910	Glue feed unit with piston pump: Stainless steel piston pump 4:1 Bucket, cover suction pipe with filter and bottom valve and stainless steel filter / pulsation dampener.	



1.2 PISTON PUMP – 3.

Code	Description	Price€
A17011100	Glue feed unit with piston pump: Stainless steel piston pump 4:1 Bucket, cover suction pipe with filter and bottom valve, stainless steel filter / pulsation dampener and stainless steel manual pressure regulator	



Code	Description	Price€
A17111100	Glue feed unit with piston pump: Stainless steel piston pump 4:1 Bucket, cover suction pipe with filter and bottom valve, stainless steel filter / pulsation dampener, stainless steel automatic Pressure regulator 4:1 and proportional valve	



1.3 PRESSURE TANKS

Code	Description	Price€
A12900300	Pressure tank Capacity 9 liters Max Pressure 3 bar Pressure regulator with manometer Ball valves input / output Safety valve	



Code	Description	Price€
A12906300	Pressure tank Capacity 9 liters Max Pressure 3 bar Pressure regulator with manometer Ball valves input / output Safety valve Stainless steel filter	



Code	Description	Price€
A12900100	Pressure tank Capacity 18 liters Max Pressure 3 bar Pressure regulator with manometer Ball valves input / output Safety valve	



Code	Description	Price€
A12906100	Pressure tank Capacity 18 liters Max Pressure 3 bar Pressure regulator with manometer Ball valves input / output Safety valve Stainless steel filter	



1.3 PRESSURE TANKS – 2.

Code	Description	Price€
V4405160013	Pressure tank LDG Capacity 5 liters Max Pressure 6 bar Pressure regulator with manometer Ball valves input / output Safety valve CE certification	



Code	Description	Price€
V4405170013	Pressure tank LDG Capacity 5 liters Max Pressure 6 bar Pressure regulator with manometer Ball valves input / output Safety valve CE certification Level sensor	



Code	Description	Price€
V4410160013	Pressure tank LDG Capacity 10 liters Max Pressure 6 bar Pressure regulator with manometer Ball valves input / output Safety valve CE certification	



Code	Description	Price€
V4410170013	Pressure tank LDG Capacity 10 liters Max Pressure 6 bar Pressure regulator with manometer Ball valves input / output Safety valve CE certification Level sensor	



1.3 PRESSURE TANKS – 3.

Code	Description	Price€
V4420160013	Pressure tank LDG Capacity 20 liters Max pressure 6 bar Pressure regulator with manometer Ball valves input / output Safety valve CE certification	



Code	Description	Price€
V4420170013	Pressure tank LDG Capacity 20 liters Max Pressure 6 bar Pressure regulator with manometer Ball valves input / output Safety valve CE certification	



Code	Description	Price€
V4424160013	Pressure tank MDG Capacity 45 liters Max Pressure 6 bar Pressure regulator with manometer Ball valves input / output Safety valve TUV certification	



Code	Description	Price€
V4424170013	Pressure tank MDG Capacity 45 liters Max Pressure 6 bar Pressure regulator with manometer Ball valves input / output Safety valve TUV certification Level sensor	



2 MICROPROCESSOR CONTROLS

MICROPROCESSOR CONTROL

The microprocessor controls are designed and realized for its use on various kind of production machines operating at high speed.

Its design and versatility make it ideal whenever a production process will require that manufactured products receive precision applications of cold Glues by means of programmable Glue guns.

The controls can memorize up to 99 different gluing patterns and may operate up to forty independent Glue guns (channels), each one having the possibility to produce four different Glue lengths.

The Glue guns may deposit Glue lines or Glue dots up to a programmed speed at which dots will, automatically, convert to lines.

These equipments may run with the use of a machine speed detector (encoder) whenever machines may run at variable speeds or in mode timer, without the encoder, if machines are designed to run at constant speed.

The friendly programming procedures, an LCD display, menus in various languages, all make the learning of the basic functions of the equipment extremely simple.



2 MICROPROCESSOR CONTROLS – 2.

Code	Description	Price€
MZ02	Programmable configuration for packaging or collator 99 programs memory Application accuracy +/- 1 mm at 600 mt/min Encoder or timer mode Input: 2 photocells, 1 encoder, 1 Glue reset, 1 Glue level sensor. Output: 2 gun channels, 1 shutter control, 1 I/P transducer (0-20 mA), 1 Glue level output	



Code	Description	Price€
MZ04	Programmable configuration for packaging or collator 99 programs memory Application accuracy +/- 1 mm at 600 mt/min Encoder or timer mode Input: 4 photocells, 1 encoder, 1 Glue reset, 1 Glue level sensor. Output: 4 gun channels, 1 shutter control, 1 I/P transducer (0-20 mA), 1 Glue level output, 2 programmable outputs	



Code	Description	Price€
MZ08	Programmable configuration for packaging or collator 99 programs memory Application accuracy +/- 1 mm at 600 mt/min Encoder or timer mode Input: 6 photocells, 2 encoder, 2 Glue reset, 2 Glue level sensor. Output: 8 gun channels, 2 shutter control, 2 I/P transducer (0-20 mA), 2 programmable outputs	



2 MICROPROCESSOR CONTROLS – 3.

MULTICHANNEL MICROPROCESSOR CONTROLS

Code	Description	Price€
TZ01N	Multichannel microprocessor control Touch Screen Colors LCD 10,4" TFT Keyboard Nr. 1 USB client Nr. 1 USB host Nr. 1 RS485 Compact Flash type II socket SD card socket Operating system Windows CE Power supply 12 Volt.	



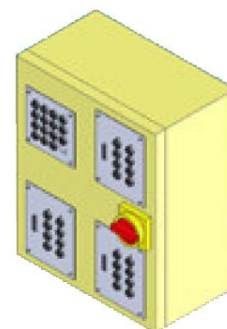
Code	Description	Price€
TZ01B	Multichannel microprocessor control Touch Screen Colors LCD 10,4" TFT Keyboard Nr. 1 USB client Nr. 1 USB host Nr. 1 RS485 Compact Flash type II socket SD card socket Operating system Windows CE Power supply 12 Volt. Fitted in a box	



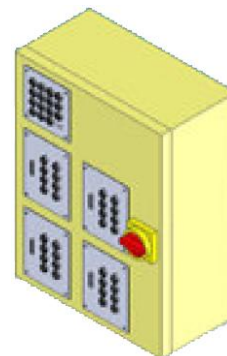
2 MICROPROCESSOR CONTROLS – 4.

EXPANSION BOXS

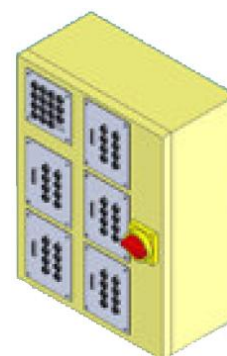
Code	Description	Price€
BZ0124	Expansion box 24 channels Application accuracy +/- 1 mm at 600 mt/min Encoder or timer mode Input: 6 photocells, 2 encoder, 2 Glue reset, 2 Glue level sensor. Output: 24 gun channels, 2 shutter control, 2 I/P transducer (0-20 mA), 2 programmable outputs	



Code	Description	Price€
BZ0132	Expansion box 32 channels Application accuracy +/- 1 mm at 600 mt/min Encoder or timer mode Input: 6 photocells, 2 encoder, 2 Glue reset, 2 Glue level sensor. Output: 32 gun channels, 2 shutter control, 2 I/P transducer (0-20 mA), 2 programmable outputs	



Code	Description	Price€
BZ0140	Expansion box 40 channels Application accuracy +/- 1 mm at 600 mt/min Encoder or timer mode Input: 6 photocells, 2 encoder, 2 Glue reset, 2 Glue level sensor. Output: 40 gun channels, 2 shutter control, 2 I/P transducer (0-20 mA), 2 programmable outputs	



3 ELECTROMAGNETIC GUNS

Electromagnetic guns are designed to dispense Glue on where an high application speed is required.

These guns are versatile and it can be used with different type of Glue or fluid, with low/medium viscosity. The main quality of these type guns is the very high working frequency of dots or lines application, without contact, were high speed and precision is required.

No air supply is needed, the reliability of these guns grand a long working life without any service. At the present they are the best technical solution, on the market for cold glue dispensing guns.



DLK 22 KV — DLK 22 LV — DLK 22 S

Electromagnetic guns for dots or lines application at very high speed.

Available with short nozzle (**DLK22KV**) or long nozzle (**DLK22LV**).

These guns can handle low and medium viscosity cold Glue.

A micrometric adjustment knob gives a fine control of dot or lines size without the use of any tools.

It is possible to make multi-nozzle head for cross gluing with minimum 11 mm nozzle distance.

Technical data	
Nozzle size available	from 0,3 to 0,8 mm
Max Glue viscosity	2500 mPas
Max Glue pressure	25 bar
Max working frequency	350 dots/sec.

DLK 15 KV

Compact electromagnetic gun for dots application at very high speed.

Small dimensions allows this gun to be fitted in small space.

A micrometric adjustment knob gives a fine control of dot size without the use of any tools.

It is possible to make multi-nozzle head for cross gluing with minimum 8 mm nozzle distance.

Technical data	
Nozzle size available	from 0,3 to 1,0 mm
Max Glue viscosity	500 mPas
Max Glue pressure	6 bar
Max working frequency	500 dots/sec.

3 ELECTROMAGNETIC GUNS – 2.

DLK GUN

Code	Description	Price€
B27550300	Electromagnetic gun DLK 22 KV 0,3 24V	
B27550400	Electromagnetic gun DLK 22 KV 0,4 24V	
B27550600	Electromagnetic gun DLK 22 KV 0,6 24V	
B27550800	Electromagnetic gun DLK 22 KV 0,8 24V	
B27600300	Electromagnetic gun DLK 22 KV 0,3 6V	
B27600400	Electromagnetic gun DLK 22 KV 0,4 6V	
B27600600	Electromagnetic gun DLK 22 KV 0,6 6V	
B27600800	Electromagnetic gun DLK 22 KV 0,8 6V	



Code	Description	Price€
B27650300	Electromagnetic gun DLK 22 LV 0,3 24V	
B27650400	Electromagnetic gun DLK 22 LV 0,4 24V	
B27650600	Electromagnetic gun DLK 22 LV 0,6 24V	
B27650800	Electromagnetic gun DLK 22 LV 0,8 24V	
B27700300	Electromagnetic gun DLK 22 LV 0,3 6V	
B27700400	Electromagnetic gun DLK 22 LV 0,4 6V	
B27700600	Electromagnetic gun DLK 22 LV 0,6 6V	
B27700800	Electromagnetic gun DLK 22 LV 0,8 6V	



Code	Description	Price€
B27490500	Electromagnetic spray gun DLK 22 S 0,5 24 V	
B27490800	Electromagnetic spray gun DLK 22 S 0,8 24 V	
B27491500	Electromagnetic spray gun DLK 22 S 1,5 6 V	
B27491800	Electromagnetic spray gun DLK 22 S 1,8 6 V	



Code	Description	Price€
K27500400	Electromagnetic gun DLK 15 KV 0,4 6V	
K27500600	Electromagnetic gun DLK 15 KV 0,6 6V	
K27500800	Electromagnetic gun DLK 15 KV 0,8 6V	
K27501000	Electromagnetic gun DLK 15 KV 1,0 6V	



4 ELECTROPNEUMATIC SPRAY GUNS

MZF

Spray gun which is suitable for low viscosity adhesives, and other liquid materials which are desired to be applied by spray. MZF gun is made as a compact, reliable and solid construction, it is controlled by externally mounted 2/3 way solenoid valve.

It comes with nozzle and air cap coated with an anti-stick over-surface and can be supplied in special version for solvent or acetate-based materials.



Technical data	
Nozzle size available	from 0,5 to 1,5 mm
Control air Pressure	minimum 5 bar
Max Glue Pressure	6 bar
Atomizing air	0,5...2,5 bar
Dimensions (gun only)	122 x 22 x 35 mm

MMZF

Spray gun which is suitable for low viscosity adhesives, and other liquid materials which are desired to be applied by spray. MMZF gun made as a compact, reliable and solid construction, it is controlled by externally mounted 2/3 way solenoid valve.

It comes with nozzle and air cap coated with an anti-stick over-surface and can be supplied in special version for solvent or acetate-based materials.



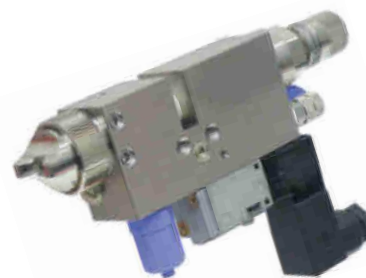
Technical data	
Nozzle size available	from 0,5 to 1,5 mm
Control air Pressure	minimum 5 bar
Max Glue Pressure	4 bar
Atomizing air	0,5...2,5 bar
Dimensions (gun only)	115 x 15 x 30 mm

AMKDD-1XX-ISX-RA

Spray gun which is suitable for low viscosity adhesives, and other liquid materials which are desired to be applied by spray.

The AMKDD-1XX-ISX-RA gun is made in a compact reliable and solid construction, controlled by flanged 5/2 way solenoid valves.

It comes with nozzle and air cap coated with an anti-stick over-surface and can be supplied in special version for solvent or acetate-based materials.



Technical data	
Nozzle size available	from 0,5 to 1,5 mm
Control air Pressure	minimum 5 bar
Max Glue Pressure	4 bar
Atomizing air	0,5...2,5 bar
Dimensions (gun only)	115 x 15 x 30 mm

4 ELECTROPNEUMATIC SPRAY GUNS – 2.

MZF GUN

Code	Description	Price€
C36110300	Spray gun MZF 06 003 NR 0,3 round	
C36110500	Spray gun MZF 06 005 NR 0,5 round	
C36110800	Spray gun MZF 06 008 NR 0,8 round	
C36111000	Spray gun MZF 06 010 NR 1,0 round	
C36111500	Spray gun MZF 06 015 NR 1,5 round	



Code	Description	Price€
C36120300	Spray gun MZF 07 003 NR 0,3 flat cap	
C36120500	Spray gun MZF 07 005 NR 0,5 flat cap	
C36120800	Spray gun MZF 07 008 NR 0,8 flat cap	
C36121000	Spray gun MZF 07 010 NR 1,0 flat cap	
C36121500	Spray gun MZF 07 015 NR 1,5 flat cap	



Code	Description	Price€
C36130300	Spray gun MZF 06 003 RM 0,3 round cap	
C36130500	Spray gun MZF 06 005 RM 0,5 round cap	
C36130800	Spray gun MZF 06 008 RM 0,8 round cap	
C36131000	Spray gun MZF 06 010 RM 1,0 round cap	
C36131500	Spray gun MZF 06 015 RM 1,5 round cap	



Code	Description	Price€
C36140300	Spray gun MZF 06 003 RM 0,3 flat cap	
C36140500	Spray gun MZF 06 005 RM 0,5 flat cap	
C36140800	Spray gun MZF 06 008 RM 0,8 flat cap	
C36141000	Spray gun MZF 06 010 RM 1,0 flat cap	
C36141500	Spray gun MZF 06 015 RM 1,5 flat cap	



4 ELECTROPNEUMATIC SPRAY GUNS – 3.

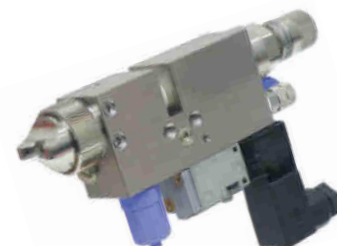
MMZF GUN

Code	Description	Price€
MMZF0105RM	Spray gun MMZF 0,5 round cap	
MMZF0108RM	Spray gun MMZF 0,8 round cap	
MMZF0110RM	Spray gun MMZF 1,0 round cap	
MMZF0115RM	Spray gun MMZF 1,5 round cap	



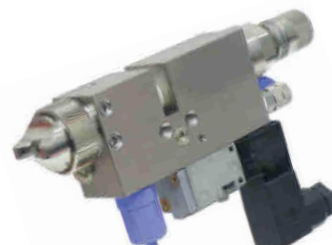
AMKDD-1XX-ISR-RA GUN

Code	Description	Price€
AMKDD-102-ISR-RA	Spray gun AMKDD-102-ISR-RA 0,2 round cap	
AMKDD-103-ISR-RA	Spray gun AMKDD-103-ISR-RA 0,3 round cap	
AMKDD-105-ISR-RA	Spray gun AMKDD-105-ISR-RA 0,5 round cap	
AMKDD-108-ISR-RA	Spray gun AMKDD-108-ISR-RA 0,8 round cap	
AMKDD-110-ISR-RA	Spray gun AMKDD-110-ISR-RA 1,0 round cap	
AMKDD-112-ISR-RA	Spray gun AMKDD-112-ISR-RA 1,2 round cap	
AMKDD-115-ISR-RA	Spray gun AMKDD-115-ISR-RA 1,5 round cap	
AMKDD-120-ISR-RA	Spray gun AMKDD-120-ISR-RA 2,0 round cap	



AMKDD-1XX-ISF-RA GUN

Code	Description	Price€
AMKDD-102-ISF-RA	Spray gun AMKDD-102-ISF-RA 0,2 flat cap	
AMKDD-103-ISF-RA	Spray gun AMKDD-103-ISF-RA 0,3 flat cap	
AMKDD-105-ISF-RA	Spray gun AMKDD-105-ISF-RA 0,5 flat cap	
AMKDD-108-ISF-RA	Spray gun AMKDD-108-ISF-RA 0,8 flat cap	
AMKDD-110-ISF-RA	Spray gun AMKDD-110-ISF-RA 1,0 flat cap	
AMKDD-112-ISF-RA	Spray gun AMKDD-112-ISF-RA 1,2 flat cap	
AMKDD-115-ISF-RA	Spray gun AMKDD-115-ISF-RA 1,5 flat cap	
AMKDD-120-ISF-RA	Spray gun AMKDD-120-ISF-RA 2,0 flat cap	



5 ELECTROPNEUMATIC EXTRUSION GUNS

MZD

Compact elettropneumatic extrusion gun with long nozzle, micrometric adjustment knob, double effect operation with solenoid valve. Suited for contact or not contact Glue application. The micrometric adjustment knob give a fine control of glue quantity.

On request this gun is available for solvent or acetate fluids.



Technical data	
Nozzle size available	from 0,3 to 1,5 mm
Control air Pressure	minimum 5 bar
Max Glue Pressure	30 bar
Max Glue Viscosity	2.500 mPas
Solenoid valve	24 or 220 volt
Max working frequency	40 dots/sec.

MZV

Extrusion gun for low and medium viscosity Glue. Suited for contact or not contact Glue application. External solenoid valve (on request). The micrometric adjustment knob give a fine control of glue quantity.

On request this gun is available for solvent or acetate fluids.



Technical data	
Nozzle size available	from 0,3 to 1,5 mm
Control air Pressure	minimum 5 bar
Max Glue Pressure	80 bar
Max working frequency	40 dots/sec.

MZK

Extrusion gun for low and medium viscosity Glue with solenoid valve. Suited for contact or not contact Glue application. The micrometric adjustment knob give a fine control of Glue quantity.

On request this gun is available for solvent or acetate fluids.



Technical data	
Nozzle size available	from 0,3 to 1,5 mm
Control air Pressure	minimum 5 bar
Max Glue Pressure	80 bar
Solenoid valve	24 or 220 volt
Max working frequency	40 dots/sec.

5 ELECTROPNEUMATIC EXTRUSION GUNS – 2.

MZB

MZB gun is designed to dispense medium / high viscosity liquid, where high volume flow of material is required.

The gun is controlled by an external solenoid valve, it can act as a single effect (air opening - spring closing) or double effect (air opening and air closing).

A selection of special seals are available for the use of different types of fluids. A large number of nozzles makes it possible to use the gun for a large number of purposes: for example. glue, silicone, grease, paints and sealants.



Technical data	
Nozzle size available	From 2,0 to 5,0 mm
Control air Pressure	Min. 5 bar
Max material pressure	150 bar
Solenoid valve	External

AMMKD-5XX-XX-RA

Coldgluegun for low and medium viskositets glue and similar materials. Suitable for contact and nonkontakt glue application. With mounted solenoid valve. Mirko adjustment allows fine control over the amount of glue.

This gun is needed is supplied in execution of solvents or acetate solutions.



Technical data	
Nozzle size available	From 0,3 to 1,5 mm
Control air Pressure	Min. 5 bar
Max material pressure	100 bar
Solenoid valve	24 VDC
Maximum operating frequency	200 dot/sec.

5 ELECTROPNEUMATIC EXTRUSION GUNS – 3.

MZD GUN

Code	Description	Price€
C3121XX00	Extrusion gun MZD 2XX LV 24VDC	
C3123XX00	Extrusion gun MZD 2XX LV 220VAC	



Code	Description	Price€
C31210001	Extrusion gun MZD 200 MG 24VDC	
C31230001	Extrusion gun MZD 200 MG 220VAC	



Code	Description	Price€
C31210004	Extrusion gun MZD 200 18 24VDC	
C31230004	Extrusion gun MZD 200 18 220VAC	



Code	Description	Price€
C31210005	Extrusion gun MZD 200 SY 24VDC	
C31230005	Extrusion gun MZD 200 SY 220VAC	



5 ELECTROPNEUMATIC EXTRUSION GUNS – 4.

MZV GUN

Code	Description	Price€
C3311XX00	Extrusion gun MZV 4XX KV	



Code	Description	Price€
C3321XX00	Extrusion gun MZV 4XX KV	



Code	Description	Price€
C3312XX00	Extrusion gun MZV 4XX LV	



Code	Description	Price€
C3322XX00	Extrusion gun MZV 4XX LV	



5 ELECTROPNEUMATIC EXTRUSION GUNS – 5.

Code	Description	Price€
C3311XX01	Extrusion gun MZV 4XX KL NR	



Code	Description	Price€
C3321XX01	Extrusion gun MZV 4XX KL RM	



Code	Description	Price€
C3311XX02	Extrusion gun MZV 4XX KL NR 10mm	



Code	Description	Price€
C3321XX02	Extrusion gun MZV 4XX KL RM 10mm	



5 ELECTROPNEUMATIC EXTRUSION GUNS – 6.

Code	Description	Price€
C33110005	Extrusion gun MZV 400 SY NR	



Code	Description	Price€
C33210005	Extrusion gun MZV 400 SY RM	



Code	Description	Price€
C33110018	Extrusion gun MZV 400 18 NR	



Code	Description	Price€
C33210018	Extrusion gun MZV 400 18 RM	



5 ELECTROPNEUMATIC EXTRUSION GUNS – 7.

Code	Description	Price€
C3311006	Extrusion gun MZV 400 MG NR	



Code	Description	Price€
C3312006	Extrusion gun MZV 400 MG RM	



5 ELECTROPNEUMATIC EXTRUSION GUNS – 8.

MZK GUN

Code	Description	Price€
C3251XX00	Extrusion gun MZK 4XX KV NR 24VDC	
C3253XX00	Extrusion gun MZK 4XX KV NR 220VAC	



Code	Description	Price€
C3261XX00	Extrusion gun MZK 4XX KV RM 24VDC	
C3263XX00	Extrusion gun MZK 4XX KV RM 220VAC	



Code	Description	Price€
C3254XX00	Extrusion gun MZK 4XX LV NR 24VDC	
C3256XX00	Extrusion gun MZK 4XX LV NR 220VAC	



Code	Description	Price€
C3264XX00	Extrusion gun MZK 4XX LV RM 24VDC	
C3266XX00	Extrusion gun MZK 4XX LV RM 220VAC	



Code	Description	Price€
C3251XX01	Extrusion gun MZK 4XX KL NR 24VDC	
C3253XX01	Extrusion gun MZK 4XX KL NR 220VAC	



Code	Description	Price€
C3261XX01	Extrusion gun MZK 4XX KL RM 24VDC	
C3263XX01	Extrusion gun MZK 4XX KL RM 220VAC	



5 ELECTROPNEUMATIC EXTRUSION GUNS – 9.

Code	Description	Price€
C3251XX02	Extrusion gun MZK 4XX KL NR 24VDC 10mm	
C3253XX02	Extrusion gun MZK 4XX KL NR 220VAC 10mm	



Code	Description	Price€
C3261XX02	Extrusion gun MZK 4XX KL RM 24VDC 10mm	
C3263XX02	Extrusion gun MZK 4XX KL RM 220VAC 10mm	



Code	Description	Price€
C32510005	Extrusion gun MZK 400 SY NR 24VDC	
C32530005	Extrusion gun MZK 400 SY NR 220VAC	



Code	Description	Price€
C32610005	Extrusion gun MZK 400 SY RM 24VDC	
C32630005	Extrusion gun MZK 400 SY RM 220VAC	



Code	Description	Price€
C32510018	Extrusion gun MZK 400 18 NR 24VDC	
C32530018	Extrusion gun MZK 400 18 NR 220VAC	



Code	Description	Price€
C32610018	Extrusion gun MZK 400 18 RM 24VDC	
C32630018	Extrusion gun MZK 400 18 RM 220VAC	



5 ELECTROPNEUMATIC EXTRUSION GUNS – 10.

Code	Description	Price€
C32510006	Extrusion gun MZK 400 MG NR 24VDC	
C32530006	Extrusion gun MZK 400 MG NR 220VAC	



Code	Description	Price€
C32610006	Extrusion gun MZK 400 MG RM 24VDC	
C32630006	Extrusion gun MZK 400 MG RM 220VAC	



MZB GUN

Code	Description	Price€
C35112000	Gun MZB 120 KV NR 2,0 mm	
C35113000	Gun MZB 130 KV NR 3,0 mm	
C35114000	Gun MZB 140 KV NR 4,0 mm	
C35115000	Gun MZB 150 KV NR 5,0 mm	



Code	Description	Price€
C35122000	Gun MZB 120 LV NR 2,0 mm	
C35123000	Gun MZB 130 LV NR 3,0 mm	
C35124000	Gun MZB 140 LV NR 4,0 mm	
C35125000	Gun MZB 150 LV NR 5,0 mm	



Code	Description	Price€
C35112001	Gun MZB 120 KL NR 2,0 10mm	
C35113001	Gun MZB 130 KL NR 3,0 10mm	
C35114001	Gun MZB 140 KL NR 4,0 10mm	
C35115001	Gun MZB 150 KL NR 5,0 10mm	
C35112002	Gun MZB 120 KL NR 2,0 15mm	
C35113002	Gun MZB 130 KL NR 3,0 15mm	
C35114002	Gun MZB 140 KL NR 4,0 15mm	
C35115002	Gun MZB 150 KL NR 5,0 15mm	
C35112003	Gun MZB 120 KL NR 2,0 20mm	
C35113003	Gun MZB 130 KL NR 3,0 20mm	
C35114003	Gun MZB 140 KL NR 4,0 20mm	
C35115003	Gun MZB 150 KL NR 5,0 20mm	



Code	Description	Price€
C35110014	Gun MZB 100 14 NR 1/4"	



5 ELECTROPNEUMATIC EXTRUSION GUNS – 11.

AMMKD-5XX-XX-RA

Code	Description	Price€
AMMKD-502-LV-RA	Gun AMMKD-502-LV-RA 0,2	
AMMKD-503-LV-RA	Gun AMMKD-503-LV-RA 0,3	
AMMKD-504-LV-RA	Gun AMMKD-504-LV-RA 0,4	
AMMKD-505-LV-RA	Gun AMMKD-505-LV-RA 0,5	
AMMKD-506-LV-RA	Gun AMMKD-506-LV-RA 0,6	
AMMKD-507-LV-RA	Gun AMMKD-507-LV-RA 0,7	
AMMKD-508-LV-RA	Gun AMMKD-508-LV-RA 0,8	
AMMKD-510-LV-RA	Gun AMMKD-510-LV-RA 1,0	
AMMKD-512-LV-RA	Gun AMMKD-512-LV-RA 1,2	
AMMKD-515-LV-RA	Gun AMMKD-515-LV-RA 1,5	



Code	Description	Price€
AMMKD-502-KV-RA	Gun AMMKD-502-KV-RA 0,2	
AMMKD-503-KV-RA	Gun AMMKD-503-KV-RA 0,3	
AMMKD-504-KV-RA	Gun AMMKD-504-KV-RA 0,4	
AMMKD-505-KV-RA	Gun AMMKD-505-KV-RA 0,5	
AMMKD-506-KV-RA	Gun AMMKD-506-KV-RA 0,6	
AMMKD-507-KV-RA	Gun AMMKD-507-KV-RA 0,7	
AMMKD-508-KV-RA	Gun AMMKD-508-KV-RA 0,8	
AMMKD-510-KV-RA	Gun AMMKD-510-KV-RA 1,0	
AMMKD-512-KV-RA	Gun AMMKD-512-KV-RA 1,2	
AMMKD-515-KV-RA	Gun AMMKD-515-KV-RA 1,5	

6 GLUE DISTRIBUTORS

GLUE DISTRIBUTORS LOW PRESSURE

Code	Description	Price€
A19101200	Stainless steel Glue distributor Low Pressure Ball valves Drain valve 1 Inlet 2 Outlet	



Code	Description	Price€
A19101300	Stainless steel Glue distributor Low Pressure Ball valves Drain valve 1 Inlet 3 Outlet	



Code	Description	Price€
A19101400	Stainless steel Glue distributor Low Pressure Ball valves Drain valve 1 Inlet 4 Outlet	



6 GLUE DISTRIBUTORS – 2.

GLUE DISTRIBUTORS HIGH PRESSURE

Code	Description	Price€
A19104200	Stainless steel Glue distributor High Pressure Ball valves Drain valve 1 Inlet 2 Outlet	



Code	Description	Price€
A19104300	Stainless steel Glue distributor High Pressure Ball valves Drain valve 1 Inlet 3 Outlet	



Code	Description	Price€
A19104400	Stainless steel Glue distributor High Pressure Ball valves Drain valve 1 Inlet 4 Outlet	



Code	Description	Price€
A19104600	Stainless steel Glue distributor High Pressure Ball valves Drain valve 1 Inlet 6 Outlet	

Code	Description	Price€
A19104800	Stainless steel Glue distributor High Pressure Ball valves Drain valve 1 Inlet 8 Outlet	

7 ENCODER

Code	Description	Price€
K96313102	Encoder 254 imp/rev	
K96313104	Encoder 1000 imp/rev	



Code	Description	Price€
K96313021	Encoder Bracket	



Code	Description	Price€
K96313003	Encoder pulley	



Code	Description	Price€
K96313192	Kit encoder Encoder 254 imp/rev Encoder bracket Encoder pulley	
K96313194	Kit encoder Encoder 1000 imp/rev Encoder bracket Encoder pulley	



8 PHOTOCELLS

Code	Description	Price€
K96311100	Photocell reflex PNP Diameter 18mm Cable 5 meters with connector	



Code	Description	Price€
K96312100	Magnetic sensor Diameter 8mm Cable 2 meters with connector	



Code	Description	Price€
K96311200	Optical fibers photocell Diameter 6mm Amplifier and cable 5 meters with connector	
K96311210	Optical fibers photocell S Diameter 6mm Amplifier and cable 5 meters with connector	



Code	Description	Price€
K96311300	Optical fibers photocell with shield Diameter 6mm Amplifier and cable 5 meters with connector	

8 PHOTOCELLS – 2.

Code	Description	Price€
K96320651	Optical fibers photocell diameter 6 mm	
K96320652	Optical fibers photocell S diameter 6 mm	



Code	Description	Price€
K96320055	Optical fibers photocell with shield Ø 6 mm	



Code	Description	Price€
K96305013	Amplifier for optical fibers photocell	
K96305014	Amplifier for optical fibers photocell S	



Code	Description	Price€
K96305043	Amplifier for optical fibers photocell with shield	



Code	Description	Price€
K96310907	Connector with cable 5 meters	
K96310908	Connector with cable 5 meters S	



9 CABLES

CABLES

Code	Description	Price€
G77140200	Power supply cable 220V for control I. 2 m	



Code	Description	Price€
G77230200	Gun cable length 2 m	
G77230300	Gun cable length 3 m	
G77230400	Gun cable length 4 m	
G77230500	Gun cable length 5 m	
G77230600	Gun cable length 6 m	
G77230800	Gun cable length 8 m	
G77231000	Gun cable length 10 m	
G77231500	Gun cable length 15 m	



Code	Description	Price€
G77110300	Encoder cable length 3 m	
G77110500	Encoder cable length 5 m	
G77110600	Encoder cable length 6 m	
G77110800	Encoder cable length 8 m	
G77111000	Encoder cable length 10 m	
G77111500	Encoder cable length 15 m	

Code	Description	Price€
G77150300	Proportional valve cable length 3 m	
G77150500	Proportional valve cable length 5 m	
G77150600	Proportional valve cable length 6 m	
G77150800	Proportional valve cable length 8 m	
G77151000	Proportional valve cable length 10 m	
G77151500	Proportional valve cable length 15 m	

Code	Description	Price€
G77170300	Level sensor cable length 3 m	
G77170500	Level sensor cable length 5 m	
G77170800	Level sensor cable length 8 m	
G77171000	Level sensor cable length 10 m	
G77171500	Level sensor cable length 15 m	

9 CABLES – 2.

EXTENSION CABLES

Code	Description	Price€
G77290200	Gun extension cable length 2 m	
G77290300	Gun extension cable length 3 m	
G77290400	Gun extension cable length 4 m	
G77290500	Gun extension cable length 5 m	
G77290600	Gun extension cable length 6 m	
G77290800	Gun extension cable length 8 m	
G77291000	Gun extension cable length 10 m	
G77291500	Gun extension cable length 15 m	



Code	Description	Price€
G77120300	Encoder extension cable length 3 m	
G77120500	Encoder extension cable length 5 m	
G77120600	Encoder extension cable length 6 m	
G77120800	Encoder extension cable length 8 m	
G77121000	Encoder extension cable length 10 m	
G77121500	Encoder extension cable length 15 m	

Code	Description	Price€
G77160300	Proportional valve extension cable l. 3 m	
G77160500	Proportional valve extension cable l. 5 m	
G77160600	Proportional valve extension cable l. 6 m	
G77160800	Proportional valve extension cable l. 8 m	
G77161000	Proportional valve extension cable l. 10 m	
G77161500	Proportional valve extension cable l. 15 m	

Code	Description	Price€
G78130300	Photocell extension cable length 3 m	
G78130500	Photocell extension cable length 5 m	
G78130600	Photocell extension cable length 6 m	
G78130800	Photocell extension cable length 8 m	
G78131000	Photocell extension cable length 10 m	
G78131500	Photocell extension cable length 15 m	

10 BRACKETS

BRACKET VS

Code	Description	Price€
H89300100	DLK gun bracket VS complete	



Code	Description	Price€
H89335200	Optical fibers photocell bracket	



Code	Description	Price€
SLD0101	Pumpe side bracket right	
SLS0101	Pumpe side bracket left	



Code	Description	Price€
H89300101	Upper bracket L VS	



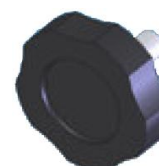
Code	Description	Price€
H89300102	Rod VS	



Code	Description	Price€
H89300103	Stopper ring VS	



Code	Description	Price€
H89300104	Knob VS	



11 GUN SET

GUN SET LOW PRESSURE

Code	Description	Price€
A10200200	Gun set low Pressure Cable, connector, pipe length 2 meters	
A10200300	Gun set low Pressure Cable, connector, pipe length 3 meters	
A10200400	Gun set low Pressure Cable, connector, pipe length 4 meters	
A10200500	Gun set low Pressure Cable, connector, pipe length 5 meters	
A10200600	Gun set low Pressure Cable, connector, pipe length 6 meters	
A10200800	Gun set low Pressure Cable, connector, pipe length 8 meters	
A10201000	Gun set low Pressure Cable, connector, pipe length 10 meters	
A10201500	Gun set low Pressure Cable, connector, pipe length 15 meters	



Code	Description	Price€
A10310200	Gun set high Pressure Cable, connector, pipe 1/8 length 2 meters	
A10310300	Gun set high Pressure Cable, connector, pipe 1/8 length 3 meters	
A10310400	Gun set high Pressure Cable, connector, pipe 1/8 length 4 meters	
A10310500	Gun set high Pressure Cable, connector, pipe 1/8 length 5 meters	



Code	Description	Price€
A10300200	Gun set high Pressure Cable, connector, pipe 1/4 length 2 meters	
A10300300	Gun set high Pressure Cable, connector, pipe 1/4 length 3 meters	
A10300400	Gun set high Pressure Cable, connector, pipe 1/4 length 4 meters	
A10300500	Gun set high Pressure Cable, connector, pipe 1/4 length 5 meters	

12 STANDS

STAND FOR MEMBRAN PUMPE

Code	Description	Price€
CF12M04	Stand for Membran pumpe Complete with: wheels, upright, tray for MZ04 and cross bar for gun brackets	
CF12M08	Stand for Membran pumpe Complete with: wheels, upright, tray for MZ08 and cross bar for gun brackets	

**STAND FOR PISTON PUMPE**

Code	Description	Price€
CF0141P04	Stand for piston pumpe 4:1 Complete with: wheels, upright, pumpe side brackets, Pressure regulators brackets, tray for MZ04 and cross bar for gun brackets	
CF0141P08	Stand for piston pumpe 4:1 Complete with: wheels, upright, pumpe side brackets, Pressure regulators brackets, tray for MZ08 and cross bar for gun brackets	



13 PRESSURE REGULATORS

PRESSURE REGULATORS

Code	Description	Price€
A19511100	Stainless steel manual Pressure regulator Adjustment range 0-7 bar Max Pressure 40 bar	
A19512100	Stainless steel manual Pressure regulator Adjustment range 0-17 bar Max Pressure 40 bar	
A19513100	Stainless steel manual Pressure regulator Adjustment range 0-50 bar Max Pressure 70 bar	



Code	Description	Price€
A19515100	Stainless steel pneumatic Pressure regulator Ratio 1:1 Max Pressure 30 bar	



Code	Description	Price€
A19517100	Stainless steel pneumatic Pressure regulator Ratio 5:1 Max Pressure 30 bar	



14 FILTERS

FILTERS

Code	Description	Price€
K95518600	Stainless steel filter/pulsation dampener 1/2" Mesh 0,2 mm Max Pressure 250 bar	



Code	Description	Price€
K95516100	Stainless steel Y filter 1/2" Mesh 0,15 mm Max Pressure 100 bar	



Code	Description	Price€
MZF1138	Stainless steel filter 1 inlet — 1 outlet 3/8"	
MZF1138S	Stainless steel filter 1 inlet — 1 outlet 3/8" S	
MZF2138	Stainless steel filter 2 inlet — 1 outlet 3/8"	
MZF2314	Stainless steel filter 2 inlet — 3 outlet 1/4"	



14 FILTERS – 2.

Code	Description	Price€
K95510104	Cartridge filter Mesh 0,2 mm	



Code	Description	Price€
K95510102	Cartridge Y filter Mesh 0,15 mm	



Code	Description	Price€
MZF50	Cartridge filter MZF	



Code	Description	Price€
K95510112	Bottom valve filter	



15 ACCESSORIES

PROPORTIONAL VALVE

Code	Description	Price€
K95451100	Proportional valve 0 — 20 mA	



LEVEL SENSOR

Code	Description	Price€
A19910000	Level sensor 1/8 L 320 mm	



Code	Description	Price€
G77190050	Level sensor lamp	



TRAYS

Code	Description	Price€
V01MZ04	Tray for MZ04	
V01MZ08	Tray for MZ08	



16 PIPES

AIR PIPES

Code	Description	Price€
K95101105	Air pipe 6x4	
K95101107	Air pipe 8x6	
K95101108	Air pipe 10x8	



GLUE PIPES LOW PRESSURE

Code	Description	Price€
K95101302	Glue pipe 6x4	
K95101303	Glue pipe 8x6	
K95101305	Glue pipe 10x8	
K95101306	Glue pipe 12x10	



GLUE PIPES HIGH PRESSURE WITH FITTINGS

Code	Description	Price€
K95100102	High Pressure pipe with fittings 1/8 L=2 m	
K95100103	High Pressure pipe with fittings 1/8 L=3 m	
K95100104	High Pressure pipe with fittings 1/8 L=4 m	
K95100105	High Pressure pipe with fittings 1/8 L=5 m	



Code	Description	Price€
K95102102	High Pressure pipe with fittings 1/4 L=2 m	
K95102103	High Pressure pipe with fittings 1/4 L=3 m	
K95102104	High Pressure pipe with fittings 1/4 L=4 m	
K95102105	High Pressure pipe with fittings 1/4 L=5 m	

Code	Description	Price€
K95102201	High Pressure pipe with fittings 3/8 L=1 m	
K95102202	High Pressure pipe with fittings 3/8 L=2 m	
K95102203	High Pressure pipe with fittings 3/8 L=3 m	
K95102204	High Pressure pipe with fittings 3/8 L=4 m	
K95102205	High Pressure pipe with fittings 3/8 L=5 m	

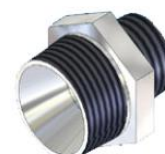
17 FITTINGS

STAINLESS STEEL FITTINGS

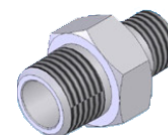
Code	Description	Price€
K95181611	High Pressure fitting for pipe 1/4	
K95181612	High Pressure fitting for pipe 3/8	



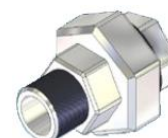
Code	Description	Price€
K95180506	Stainless steel nipples 1/8 — 1/8 tapered	
K95180505	Stainless steel nipples 1/8 — 1/4 tapered	
K95180507	Stainless steel nipples 1/4 — 1/4 tapered	
K95180510	Stainless steel nipples 3/8 — 3/8 tapered	
K95180511	Stainless steel nipples 3/8 — 1/2 tapered	



Code	Description	Price€
K95180607	Stainless steel nipples 1/4	
K95180610	Stainless steel nipples 3/8	
K95180613	Stainless steel nipples 1/2	
K95180611	Stainless steel nipples 3/8 — 1/2	



Code	Description	Price€
K95182813	Stainless steel 3 pieces nipples 1/2 MF	



Code	Description	Price€
K95183102	Stainless steel 90° elbow 1/4 FF	
K95183103	Stainless steel 90° elbow 3/8 FF	
K95183104	Stainless steel 90° elbow 1/2 FF	

Code	Description	Price€
K95183302	Stainless steel 90° elbow 1/4 MF	
K95183303	Stainless steel 90° elbow 3/8 MF	
K95183304	Stainless steel 90° elbow 1/2 MF	

Code	Description	Price€
K95011101	Stainless steel ball valve 1/4 FF	
K95011102	Stainless steel ball valve 3/8 FF	



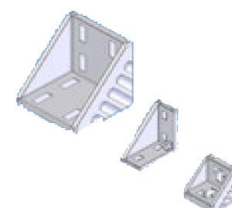
18 ALUMINIUM PROFILES

ALUMINIUM PROFILES

Code	Description	Price€
PR0300308	Profile 30X30 slot 8 length 1 meters	
PR030002	Profile 30X30 slot 8 length 1 meters	
PR045045L	Profile 45x45 slot 10 length 1 meters	
PR090090L	Profile 90x90 slot 10 length 1 meters	
PR090180P	Profile 90x180 slot 10 length 1 meters	



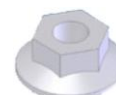
Code	Description	Price€
SQ028020	Aluminium square 28x20	
SQ042042	Aluminium square 42x43	
SQ087042	Aluminium square 87x42	
SQ087087	Aluminium square 87x87	



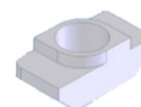
Code	Description	Price€
VTM082510	T screw M8x25 slot 10	
VTM084510	T screw M8x45 slot 10	



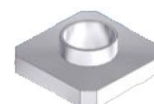
Code	Description	Price€
DAEFL08	Nut M8	



Code	Description	Price€
DAM0630	T nut M6 cava 8	
DAM0610	T nut M6 cava 10	
DAM0810	T nut M8 cava 10	



Code	Description	Price€
DAQ0610	Square nut M6 cava 10	
DAQ0810	Square nut M8 cava 10	



18 ALUMINIUM PROFILES – 2.

Code	Description	Price€
TAC303008	Cap 30x30	
TAC454510	Cap 45x45	
TAC909010	Cap 90x90	
TAC90180X	Cap 90x180P	



Code	Description	Price€
MA935	Handle	



Code	Description	Price€
CE3030	Hinge 30x30	

