

EXTRUSION GUN

EXT 85

OPERATING AND MAINTENANCE INSTRUCTIONS



LARIUS

PAINT SPRAYING EQUIPMENT

ENGLISH

CE

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LARIUS

EXTRUSION GUN








INTRODUCTION	p.1	H HOSE SAFETY	p.7
WARNINGS	p.2	I FIRE OR EXPLOSION HAZARD	p.8
A TECHNICAL DATA.....	p.3	L MOVING PART HAZARD	p.8
B DESCRIPTION OF THE EQUIPMENT.....	p.4	M OPERATION.....	p.8
C TRANSPORT AND UNPACKING	p.5	N TRIGGER LOCK	p.9
D SAFETY RULES.....	p.5	O ROUTINE MAINTENANCE	p.9
E FLUID INJECTION HAZARD	p.6	P EXTRUSION GUN EXT85	p.11
F PRESSURE RELIEF PROCEDURE	p.6	Q VERSIONS.....	p.12
G EQUIPMENT MISUSE HAZARD.....	p.7		



WE ADVISE THE USE OF THIS EQUIPMENT ONLY BY PROFESSIONAL OPERATORS.
ONLY USE THIS MACHINE FOR USAGE SPECIFICALLY MENTIONED IN THIS MANUAL.

Thank you for choosing a **LARIUS S.R.L.** product.
As well as the product purchased,
you will receive a range of support services
enabling you to achieve the results desired,
quickly and professionally.

WARNINGS

The table below provides the meaning of the symbols used in this manual in relation to using, earthing, operating, maintaining, and repairing of this equipment.

	<p>Read this operator's manual carefully before using the equipment. An improper use of this machine can cause injuries to people or things. Do not use this gun when under the influence of drugs or alcohol. Do not modify the gun under any circumstances. Use products and solvents that are compatible with the various parts of the gun, and read the manufacturer's warnings carefully. See the Technical Details for the equipment given in the Manual. Check the equipment for worn parts once a day. If any worn parts are found, replace them using ONLY original spare parts. Keep children and animals away from work area. Comply with all safety standards.</p>
	<p>It indicates an accident risk or serious damage to equipment if this warning is not followed.</p>
 	<p>Report any risk of chemical reaction or explosion if this warning has not been given. There is a risk of injury or serious lesion related to contact with the jet from the spray gun. If this should occur, IMMEDIATELY contact a doctor, indicating the type of product injected. Do not spray before the guard has been placed over the nozzle and the trigger on the spray gun. Do not put your fingers in the spray gun nozzle. Once work has been completed, before carrying out any maintenance, complete the decompression procedure explained in this manual.</p>
	<p>It indicates important recommendations about disposal and recycling process of products in accordance with the environmental regulations.</p>
	<p>Report any danger of electric shock if the warning and presence of live electrical parts has not been indicated. Store in a dry place and do not expose to the rain. Check that the cables are in good condition. Switch off the equipment and discharge any electricity before cleaning or maintaining the equipment.</p>
	<p>Mark any clamps attached to earth cables. Use ONLY 3-wire extension cords and grounded electrical outlets. Before starting work make sure that the electrical system is earthed and that it complies with safety standards.</p>
   	<p>FIRE AND EXPLOSION HAZARD Solvent and paint fumes in work area can ignite or explode. To help prevent fire and explosion:</p> <ul style="list-style-type: none"> - Use equipment ONLY in well ventilated area. - Eliminate all ignition sources, such as pilot lights, cigarettes and plastic drop cloths (potential static arc). - Ground equipment and conductive objects. - Use only grounded hoses. - Do not use trichloroethane, methylene chloride, other halogenated hydrocarbon solvents or fluids containing such solvents in pressurized aluminium equipment. Such use can cause serious chemical reaction and equipment rupture, and result in death, serious injury, and property damage. <p>If electrical shocks or discharges are encountered the operation being carried out using the equipment must be stopped immediately. Keep a fire extinguisher at hand in the immediate vicinity of the work area.</p>

	<p>INJECTION HAZARD High-pressure fluid from gun, hose leaks, or ruptured components will pierce skin. To help prevent injection, always:</p> <ul style="list-style-type: none"> - Engage trigger lock when not spraying. - Do not put your hand over the spray tip. Do not stop or deflect leaks with your hand, body or other. - Do not point gun at anyone or at any part of the body. - Never spray without tip guard. - Do pressure relief if you stop spraying or being servicing sprayer and before any maintenance operations. - Do not use components rated less than sprayer Maximum Working Pressure. - Never allow children to use this unit - Brace yourself; gun may recoil when triggered. <p>If high pressure fluid pierces your skin, the injury might look like "just a cut", but it is a serious wound! Get immediate medical attention.</p>
	<p>It is obligatory to wear suitable clothing as gloves, goggles and face shield. Wear clothing that complies with the safety standards in force in the country in which the equipment is used. Do not wear bracelets, earrings, rings, chains, or anything else that may hinder the operator's work. Do not wear clothing with wide sleeves, scarves, ties, or any other piece of clothing that could get tangled up in moving parts of the equipment during the work, inspection, or maintenance cycles.</p>

A TECHNICAL DATA

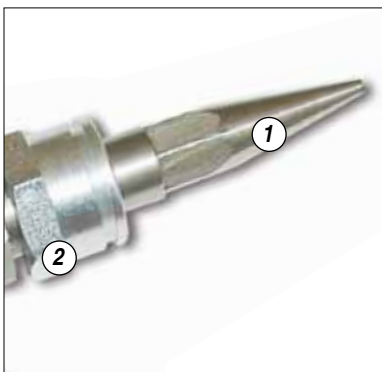


GUN EXT85	
MAXIMUM PRESSURE WORK	280 bar (4060 PSI)
INLET PORT SIZE	1/4"GAS - 3/8"GAS - M16X1,5
OVERAL (mm)	170X195X45
WEIGHT	450 g

WETTED PARTS Stainless steel; Aluminium

B DESCRIPTION OF THE EQUIPMENT

English




POS.	Description
1	Nozzle
2	Sleeve
3	Trigger lock
4	Gun body

POS.	Description
5	Plug
6	Nipples
7	Trigger

C TRANSPORT AND UNPACKING


- The manufacturer will not be responsible for the unloading operations and transport to the workplace of the machine.
- Check the packing is undamaged on receipt of the equipment. Unpack the machine and verify if there has been any damage due to transportation. In case of damage, call immediately **LARIUS** and the Shipping Agent. All the notices about possible damage or anomalies must arrive timely within 8 days at least from the date of receipt of the plant through Registered Letter to the Shipping Agent and to **LARIUS**.




The disposal of packaging materials is a customer's competence and must be performed in accordance with the regulations in force in the country where the plant is installed and used. It is nevertheless sound practice to recycle packaging materials in an environment-friendly manner as much as possible.

D SAFETY RULES


- THE EMPLOYER SHALL TRAIN ITS EMPLOYEES ABOUT ALL THOSE RISKS STEMMING FROM ACCIDENTS, ABOUT THE USE OF SAFETY DEVICES FOR THEIR OWN SAFETY AND ABOUT THE GENERAL RULES FOR ACCIDENT PREVENTION IN COMPLIANCE WITH INTERNATIONAL REGULATIONS AND WITH THE LAWS OF THE COUNTRY WHERE THE PLANT IS USED.
- THE BEHAVIOUR OF THE EMPLOYEES SHALL STRICTLY COMPLY WITH THE ACCIDENT PREVENTION AND ALSO ENVIRONMENTAL REGULATIONS IN FORCE IN THE COUNTRY WHERE THE PLANT IS INSTALLED AND USED.



Read carefully and entirely the following instructions before using the product. Please save these instructions in a safe place.






The unauthorised tampering/replacement of one or more parts composing the machine, the use of accessories, tools, expendable materials other than those recommended by the manufacturer can be a danger of accident.









The manufacturer will be relieved from tort and criminal liability.


- KEEP YOUR WORK PLACE CLEAN AND TIDY. DISORDER WHERE YOU ARE WORKING CREATES A POTENTIAL RISK OF ACCIDENTS.
- ALWAYS KEEP PROPER BALANCE AVOIDING UNUSUAL STANCE.
- BEFORE USING THE TOOL, ENSURE THERE ARE NOT DAMAGED PARTS AND THE MACHINE CAN WORK PROPERLY.
- ALWAYS FOLLOW THE INSTRUCTIONS ABOUT SAFETY AND THE REGULATIONS IN FORCE.
- KEEP THOSE WHO ARE NOT RESPONSIBLE FOR THE EQUIPMENT OUT OF THE WORK AREA.
- **NEVER** EXCEED THE MAXIMUM WORKING PRESSURE INDICATED.
- **NEVER** POINT THE SPRAY GUN AT YOURSELVES OR AT OTHER PEOPLE. THE CONTACT WITH THE CASTING CAN CAUSE SERIOUS INJURIES.
- IN CASE OF INJURIES CAUSED BY THE GUN CASTING, SEEK IMMEDIATE MEDICAL ADVICE SPECIFYING THE TYPE OF THE PRODUCT INJECTED. **NEVER** UNDERVALUE A WOUND CAUSED BY THE INJECTION OF A FLUID.
- ALWAYS DISCONNECT THE SUPPLY AND RELEASE THE PRESSURE IN THE CIRCUIT BEFORE PERFORMING ANY CHECK OR PART REPLACEMENT OF THE EQUIPMENT.
- NEVER MODIFY ANY PART IN THE EQUIPMENT. CHECK REGULARLY THE COMPONENTS OF THE SYSTEM. REPLACE THE PARTS DAMAGED OR WORN.
- TIGHTEN AND CHECK ALL THE FITTINGS FOR CONNECTION BETWEEN PUMP, FLEXIBLE HOSE AND SPRAY GUN BEFORE USING THE EQUIPMENT.
- ALWAYS USE THE FLEXIBLE HOSE SUPPLIED WITH STANDARD KIT. THE USE OF ANY ACCESSORIES OR TOOLING OTHER THAN THOSE RECOMMENDED IN THIS MANUAL, MAY CAUSE DAMAGE OR INJURE THE OPERATOR.
- THE FLUID CONTAINED IN THE FLEXIBLE HOSE CAN BE VERY DANGEROUS. HANDLE THE FLEXIBLE HOSE CAREFULLY. DO NOT PULL THE FLEXIBLE HOSE TO MOVE THE EQUIPMENT. NEVER USE A DAMAGED OR A REPAIRED FLEXIBLE HOSE.

	The high speed of travel of the product in the hose can create static electricity through discharges and sparks. It is suggested to earth the equipment. The pump is earthed through the earth cable of the supply.
	The gun is earthed through the high pressure flexible hose.
	All the conductors near the work area must be earthed.

- NEVER SPRAY OVER FLAMMABLE PRODUCTS OR SOLVENTS IN CLOSED PLACES.
- NEVER USE THE TOOLING IN PRESENCE OF POTENTIALLY EXPLOSIVE GAS.

	Always check the product is compatible with the materials composing the equipment (<i>pump, spray gun, flexible hose and accessories</i>) with which it can come into contact. Never use paints or solvents containing halogen hydrocarbons (<i>as the methylene chloride</i>).
	If these products come into contact with aluminium parts can provoke dangerous chemical reactions with risk of corrosion and explosion.
	

	IF THE PRODUCT TO BE USED IS TOXIC, AVOID INHALATION AND CONTACT BY USING PROTECTION GLOVES, GOGGLES AND PROPER FACE SHIELDS.
	
	




	TAKE PROPER SAFETY MEASURES FOR THE PROTECTION OF HEARING IN CASE OF WORK NEAR THE PLANT.
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- WHENEVER YOU STOP DISPENSING, EVEN FOR A MOMENT, ALWAYS SET THE GUN TRIGGER LOCK. FULLY RELEASE THE TRIGGER AND ROTATE THE TRIGGER LOCK FORWARD (*see page 9*).
- USE EXTREME CAUTION WHEN CLEANING OR CHANGING THE FLUID NOZZLE. IF THE NOZZLE CLOGS WHILE DISPENSING, FULLY RELEASE THE TRIGGER IMMEDIATELY. ALWAYS FOLLOW THE PRESSURE RELIEF PROCEDURE, BELOW, BEFORE WIPING OFF BUILD-UP AROUND THE NOZZLE OR REMOVING THE NOZZLE TO CLEAN IT.

E FLUID INJECTION HAZARD




This is a high pressure dispensing gun. Fluid dispensed under high pressure could be injected through your skin and into your body. This could cause extremely serious injury, including the need for amputation. Also, fluid injected or splashed into the eyes or on the skin can cause serious damage.

	Never put hand or fingers over the nozzle.
	Never wipe off build-up around the fluid nozzle until pressure is fully relieved and the gun trigger lock is engaged.
	Never try to stop or deflect leaks with your hand or body.

Always follow the Pressure Relief Procedure, at right, before cleaning or removing the fluid nozzle or servicing any system equipment.

MEDICAL ALERT – FLUID INJECTION WOUNDS

If any fluid appears to penetrate your skin, get EMERGENCY MEDICAL CARE AT ONCE. DO NOT TREAT AS A SIMPLE CUT. Tell the doctor exactly what fluid was injected


	Injection into the skin is a traumatic injury. It is important to treat the injury surgically as soon as possible. Do not delay treatment to research toxicity. Toxicity is a concern with some exotic materials injected directly into the blood stream. Consultation with a plastic surgeon may be advisable.
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F PRESSURE RELIEF PROCEDURE

To reduce the risk of serious injury, including fluid injection, splashing in the eyes or on skin, always follow this procedure whenever the dispensing equipment is shut off, when checking or servicing any part of system, when installing, cleaning or changing nozzles and whenever you stop dispensing.


- Fully release the gun trigger and set the gun trigger lock by rotating the trigger lock forward.

- Shut off the supply pump.
- Hold a metal part of the gun firmly to the side of a grounded metal waste container. Disengage the trigger lock by rotating the trigger lock backward. Trigger the gun to relieve fluid pressure.
- Fully release the gun trigger and set the gun trigger lock by rotating the trigger lock forward.
- Open the pump drain valve to help relieve fluid pressure in the pump, hose, and gun. Triggering the gun to relieve pressure may not be sufficient. Have a container ready to catch the drainage.
- Leave the drain valve open until you are ready to dispense again.


 **If you suspect that the nozzle or hose is clogged or that pressure has not been fully relieved, after following the steps above, very slowly loosen the hose end coupling and relieve pressure gradually; then loosen completely. Now clear the nozzle or hose obstruction.**

G EQUIPMENT MISUSE HAZARD

Any misuse of the dispensing equipment or accessories, such as overpressurizing, modifying parts, using incompatible chemicals and fluids, or using worn or damaged parts, can cause them to rupture and result in serious injury, including fluid injection and splashing fluid in the eyes or on the skin, or in fire, explosion or property damage.

 **The maximum working pressure of the gun is 280 bar. Do not exceed the maximum Working pressure.**


Be sure that all dispensing equipment and accessories are properly rated to withstand the pressures developed by your system. Never exceed the maximum working pressure of your gun model.

 **Be sure all fluids and solvents used are chemically compatible with the “WETTED PARTS” shown in the TECHNICAL DATA. Always read the fluid and solvent manufacturer’s literature before using any fluid or solvents in your system.**


H HOSE SAFETY

High pressure fluid in the hoses can be very dangerous. If the hose develops a leak, split or rupture due to any kind of wear, damage or misuse, the high pressure fluid emitted from it can cause a fluid injection injury or other serious injury or property damage.

- Tighten all fluid connections securely before each use. High pressure fluid can dislodge a loose coupling or allow high pressure fluid to be emitted from the coupling
- Never use a damaged hose. If any of these conditions exist, replace the hose immediately.

 **Before each use, check the entire hose for cuts, leaks, abrasion, bulging cover, or damage or movement of the hose couplings.**




- Do not try to recouple high pressure hose or mend it with tape or any other device. A repaired hose cannot contain the high pressure fluid.
- Handle and route hoses carefully.

 **Do not pull on hoses to move equipment. Do not use fluids or solvents which are not compatible with the inner tube and cover of the hose. Do not expose hose to extreme temperatures; check with your hose supplier to determine temperature tolerance.**

Proper hose grounding continuity is essential to maintaining a grounded dispensing system. Check the electrical resistance of your fluid hoses at least once a week. If your hose does not have a tag on it which specifies the maximum electrical resistance, contact the hose supplier or manufacturer for the maximum resistance limits. Use a resistance meter in the appropriate range for your hose to check the resistance. If the resistance exceeds the recommended limits, replace it immediately. An ungrounded or poorly grounded fluid hose can make your system hazardous.

I FIRE OR EXPLOSION HAZARD

Static electricity is created by the flow of fluid through the pump and hose. If every part of the equipment is not properly grounded, sparking may occur, and the system may become hazardous. Sparks may also occur when plugging in or unplugging a power supply cord. Sparks can ignite fumes from solvents and the fluid being dispensed, dust particles and other flammable substances, whether you are pumping indoors or outdoors, and cause a fire or explosion, serious injury, and property damage.

  	<p>Do not plug in or unplug any power supply cords in the dispensing area when there is any chance of igniting fumes still in the air.</p>
	<p>If you experience any static sparking or feel even a slight shock while using this equipment, STOP DISPENSING IMMEDIATELY. Check for proper grounding of the entire system. Do not use the system again until the cause of the problem is identified and corrected.</p>
	<p>Do not use the system again until the cause of the problem is identified and corrected.</p>

GROUNDING

To reduce the risk of static sparking, ground the pump and all other equipment used or located in the dispensing area. Check your local electrical code for detailed grounding instructions for your area and type of equipment and be sure to ground all of the following equipment.

- Pump: ground the pump by connecting a grounding wire from the pump's grounding lug to a true earth ground.
- Air compressor or hydraulic power supply: ground according to local code and manufacturer's recommendations.
- Fluid hoses: use only grounded hoses with a maximum of 150 mt. Combined hose length to ensure grounding continuity. Refer to hose grounding continuity, above.
- Flo-gun: obtain grounding through connection a properly grounded fluid hose and pump.
- Fluid supply container: according to local code.
- All solvent pails used when flushing: according to local code. Use only metal pails. Do not place the pail on a non-conductive surface, such as paper or cardboard, which interrupts the grounding continuity.
- To maintain grounding continuity when flushing or relieving pressure always hold a metal part of the gun firmly to the side of a grounded metal pail, then trigger the gun.



Before flushing, be sure the entire system and flushing pails are properly grounded. Refer to GROUNDING, above. Always use the lowest possible fluid pressure, and maintain firm metal-to-metal contact between the gun and grounded metal pail during flushing to reduce the risk of fluid injection injury, static sparking and splashing.

L MOVING PART HAZARD

Moving parts can pinch or amputate your fingers or other body parts. Keep clear of moving parts when starting or operating your system. Before checking or servicing the gun, pump, or any other system component follow the PRESSURE RELIEF PROCEDURE (see page 6 to prevent the pump from starting accidentally).

M OPERATION

Fluid flow rate is controlled at the pump. Adjust the pump pressure to obtain the desired flow rate; use lowest pressure necessary. The pressure adjustment will depend on hose length, the viscosity of the fluid, and the nozzle size. To dispense fluid with the gun, start the supply pump, disengage the trigger lock, and squeeze the trigger in all the way. Fluid flow begins with the slightest pressure and stops when trigger is released.

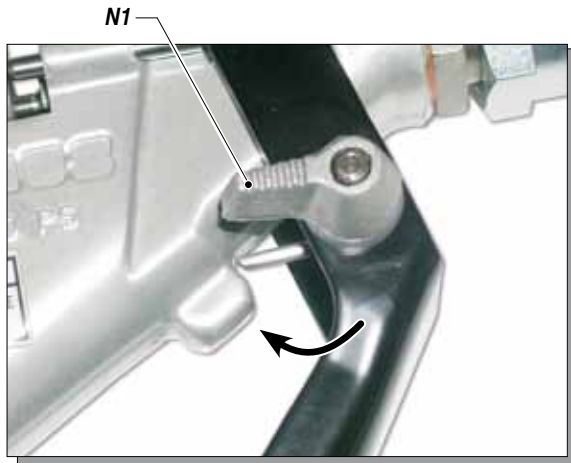


To reduce the risk of serious injury, including fluid injection or splashing in the eyes or on skin, always follow the PRESSURE RELIEF PROCEDURE (on page 6) whenever the dispensing equipment is shut off, when checking or servicing any part of system, when installing or changing nozzles and whenever you stop dispensing. Always engage the trigger lock when the flo-gun is not in use to prevent accidental triggering of the gun.

N TRIGGER LOCK

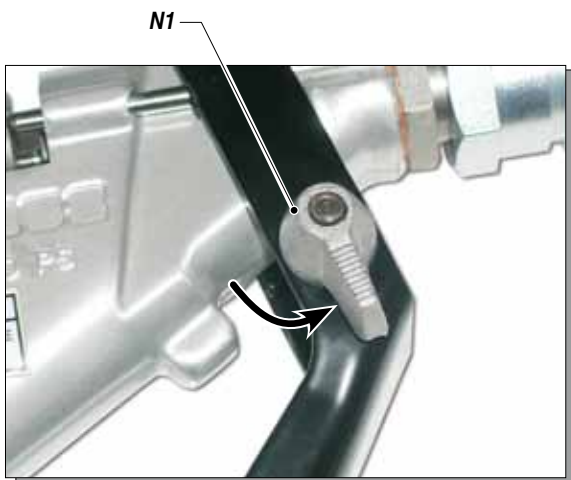
TRIGGER LOCK ENGAGED

To engage the trigger lock, release the trigger and rotate the trigger lock (N1) forward



TRIGGER LOCK DISENGAGED

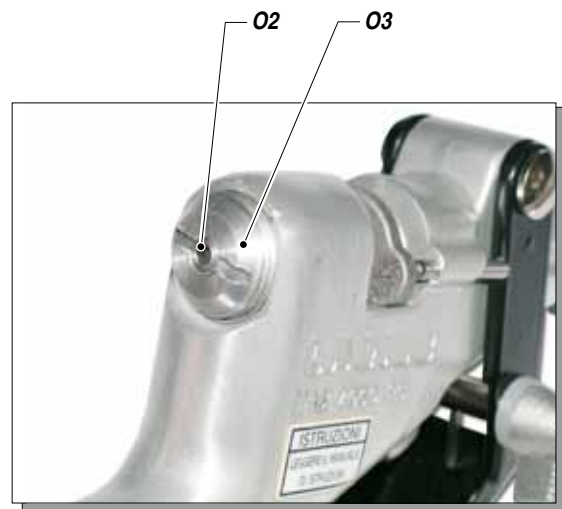
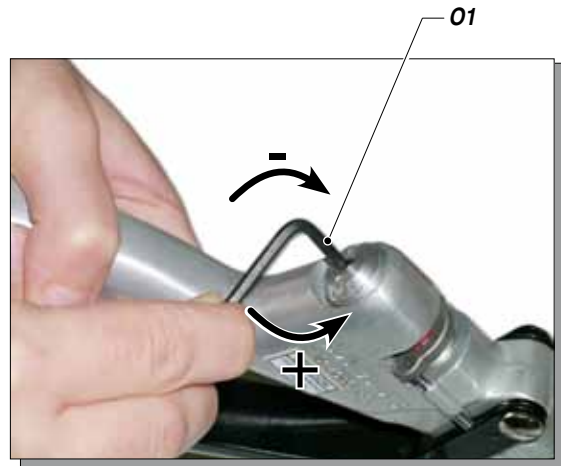
To disengage the trigger lock (N1), rotate the trigger lock backward



O ROUTINE MAINTENANCE

ADJUSTING THE VALVE

- Always follow the Pressure Relief Procedure on (see page 6), and disconnect the gun from the hose.
- Insert a n°3 (O1) allen wrench through the hole in the adjustment screw (O2). Turn the wrench clockwise to reduce the valve opening turn the wrench anticlockwise to increase the valve opening.
- Adjust the spring (O3) rear plug to the desired trigger resistance.



ADJUSTING THE SPRING TENSION

Follow the Pressure Relief Procedure (see page 6) and disconnect the gun from the hose. Turn the spring rear plug as needed until the spring force is adjusted to close the valve.

To reduce the risk of serious injury, including fluid injection or splashing the eyes or on the skin:

- Always follow the PRESSURE RELIEF PROCEDURE (see page 6) before checking, adjusting, cleaning or repairing the gun or any part of the system.
- After adjusting or servicing the gun, if fluid does flow, the gun is not assembled properly or the trigger lock is damaged. Reassembled the gun or return it to your nearest distributor. Do not use the gun until the problem is corrected.
- When removing the gun from the hose, be sure to hold the inlet fitting securely to avoid loosening from the gun body.



INSPECTING THE VALVE FOR OBSTRUCTIONS OR DAMAGE:

PLEASE NOTE: For details see the exploded diagram on page 11

If fluid continues to flow after the trigger is released, the gun valve may be obstructed or need adjustment. The valve stem (7) or valve seat (5) may be worn or damaged. Adjust or replace parts as instructed below. To reduce the risk of serious injury, do not use the gun until the problem is corrected.

- Follow the PRESSURE RELIEF PROCEDURE (see page 6) and disconnect the gun from the hose.
- Disassemble the gun as instructed, then clean and inspect the parts.
- Replace any worn or damaged parts and reassemble the gun as instructed. Adjust the free travel of the trigger as instructed in ADJUSTING THE VALVE, above.

VALVE NEEDLE AND SEAL SERVICE

PLEASE NOTE: For details see the exploded diagram on page 11

If fluid leaks past the v-block seal (9a), the v-block seal or valve stem (7) may be worn or damaged. To replace the seal or valve stem, follow the procedure below:

- Be sure to read the WARNING (see page 5). Follow the Pressure Relief Procedure (see page 6) and disconnect the gun from the hose.
- Unscrew the rear plug (16) and remove the spring (14).
- Unscrew the coupling sleeve (5), clean it, and if necessary, replace it.
- Remove the needle (7), unscrewing it from the plaque (12), clean it and, if necessary, replace it.
- Remove the gasket pressing screw (10) and the gasket (9). Replace the gasket (9a).
- Fit the gasket pressing screw (10).
- Insert the needle (7) through the gasket (9a) screwing it into the plaque (12).
- Screw the coupling sleeve (5) with the dedicated washer (6) into the gun body (11).



The needle (7) and the coupling sleeve (5) must be accurately fitted: during the last turn of the screwing coupling sleeve (5) must compress the needle (7) to provide the proper seal.

- Insert the n°3 allen wrench into the regulating screw (17). Turn it clockwise to reduce the valve opening and anticlockwise to increase the valve opening.
- Adjust the spring rear plug (16) to the required trigger resistance.



If the material will leak from the valve while operating the gun:

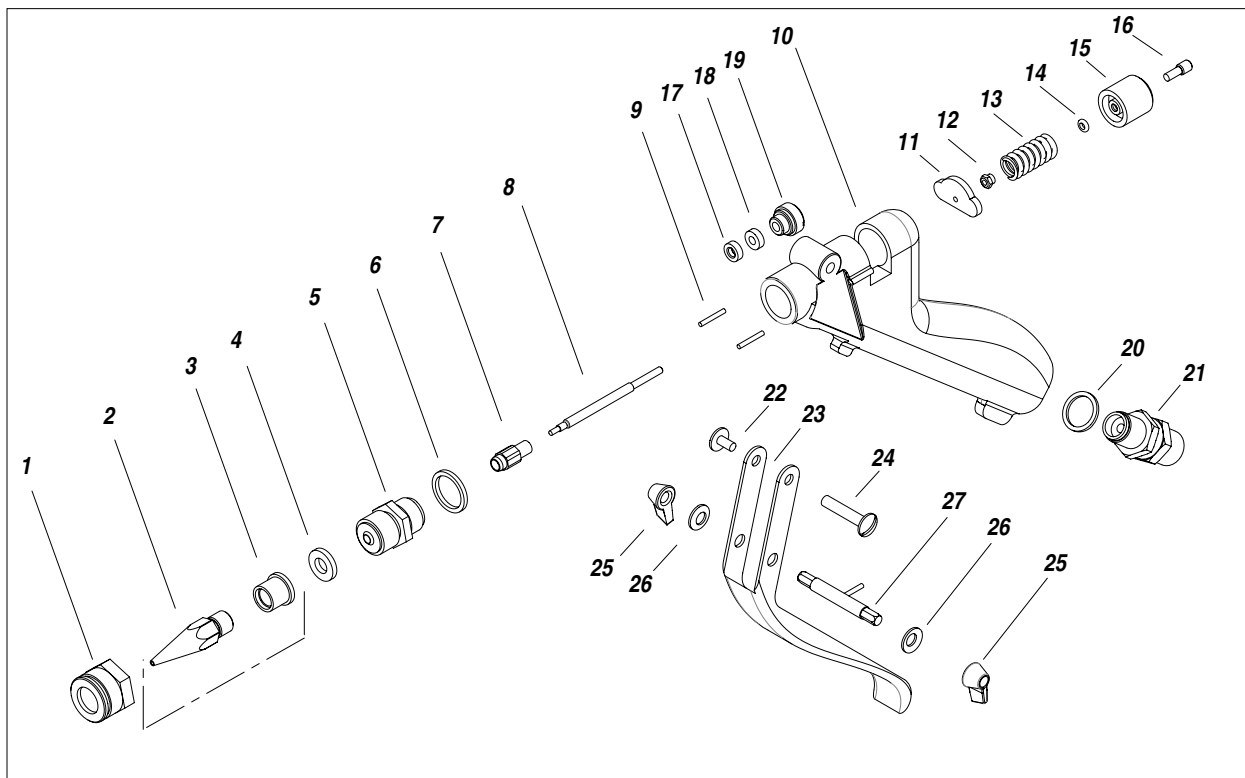
- proceed with the pressure release as described at page 6
- Disassemble the coupling sleeve (5) and turn the needle (7) anticlockwise. In this way the spring (14) compression will be increased and seal will be more accurate.

ASSEMBLING AND DISASSEMBLING THE GUN

- Be sure to read the WARNING (see page 5). Follow the Pressure Relief Procedure (see page 6) and disconnect the gun from the hose.
- Unscrew the rear plug (16) and remove the spring (14).
- Unscrew the coupling sleeve (5), clean it, and if necessary, replace it.
- Remove the needle (7), unscrewing it from the plaque (12), clean it and, if necessary, replace it.
- Remove the gasket pressing screw (10) and the gasket (9). Replace the gasket (9a).
- Remove the trigger screw (23), the trigger pin (19) and the trigger (4).
- Remove the two operating pins (8).
- Remove the nipple, connecting the gun to the hose (18).

P EXTRUSION GUN EXT85

WARNING: Always indicate code and quantity for each part required.



Pos.	Code	Qt.y	Description	Pos.	Code	Qt.y	Description
1	11033	1	Lockring	16	17507	1	Regulation screw
2	15001	1	Nozzle Ø 1,5 mm	17	9131	1	Sealing gasket
	15016		Nozzle Ø 2 mm	18	17523	1	Gasket spacer
	15017		Nozzle Ø 2,5 mm	19	17511	1	Gasket screw
3	15002	1	Nozzle fitting	20	32010	1	Copper gasket
4	11003	1	Nozzle gasket	21	10155	1	Swivel 1/4" GAS
5	11202	1	Sleeve		11015	1	Swivel M16 x 1,5
6	11611	1	Copper gasket	22	90036	1	Trigger rod screw
7	11005/2	1	Ball support	23	17502	1	Trigger
	11005/3	1	Ball	24	17514	1	Trigger rod
8	17503	1	Needle	25	11010	2	Trigger lock lever
9	17515	2	Pin 3 x 24	26	11011	2	Washer
10	17501	1	Gun body	27	17522	1	Trigger lock rod
11	11026	1	Plate				
12	11027	1	Nut M3 UNI 7473				
13	16410	1	Spring				
14	17508	1	O-Ring ORM 003510				
15	17506	1	Plug				

English

Q VERSIONS



MIST-LESS GUN Art. 11940/M



MIST-LESS GUN
MIST-CLEAN version with nozzle Art. 19100



MIST-LESS AUTOMATIC GUN high finish
Art. 11820



MIST-LESS GUN
with long filter Art. 11946



AIRLESS AUTOMATIC GUN LA95
Art. 11700



LOW PRESSION GUN MA98L
Art. 11300



LOW PRESSION GUN RA100
Art. 11456 Nozzle 0,8 mm
Art. 11457 Nozzle 1 mm
Art. 11458 Nozzle 1,3 mm
Art. 11459 Nozzle 1,8 mm



LOW PRESSION GUN RAC2
Art. 14100



MANUAL GUN Art. 11702



GUN AT250 Airless
Art. 11200



GUN AT300 Airless
Art. 11000



GUN L91X Airless
Art. 11120



GUN PLA 180 Art. 11401

Due to a constant product improvement programme, the factory reserves the right to modify technical details mentioned in this manual without prior notice.

MANUFACTURER:

LARIUS

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