



INSTRUCTION MANUAL

CARTRIDGE EXTRUSION MANUAL GUN

670 240

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Modif.:

TRANSLATION OF THE ORIGINAL MANUAL

IMPORTANT : Before assembly and start-up, please read and clearly understand all the documents relating to this equipment (professional use only).

THE PICTURES AND DRAWINGS ARE NON CONTRACTUAL. WE RESERVE THE RIGHT TO MAKE CHANGES WITHOUT PRIOR NOTICE.

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Dear Customer,

You are the owner of our new equipment and we would like to take this opportunity to thank you.

To make sure your investment will provide full satisfaction, special care has been taken by KREMLIN REXSON during all designing and manufacturing processes.

To obtain the best result, safe and efficient operation of your equipment, we advise you to read and make yourself familiar with this instruction and service manual. Indeed, the non-compliance with instructions and precautions stated in this manual could reduce the equipment working life, result in operating trouble and create unsafe conditions.

01. WARRANTY

We reserve the right to make changes. These changes may be carried out after the receipt of the order. No claim will be accepted as a consequence of any change carried out in the instruction manuals or in the selection guides.

Our equipment is checked and tested prior to shipment. In the case of a problem arising with the equipment, this must be in writing, within ten days from the delivery date.

KREMLIN REXSON warrants all equipment manufactured bearing its name, to be free from defect in material or workmanship for a period of 12 months (one shift per day or 1800 hours - 1 term reached) from the date of delivery. Work life is based on single shift working - 8 hours per day. Warranty claims for defective items will only be accepted in writing and will be verified and confirmed by us.

The warranty does not cover fair wear and tear, damage or wear caused by misuse, improper maintenance or non-observance of our recommendations.

KREMLIN REXSON will repair or replace parts (carriage paid to our plant and accepted as defective by us). We shall not be liable for any losses resulting from a production breakdown. Upon request, we can carry out service work at your premises; all expenses (travelling and accommodation) for KREMLIN REXSON technicians will be chargeable.

In the event that it is found that equipment has been tampered with, this will invalidate the warranty. Equipment that is bought in will be subject to the suppliers' warranty.

02. SAFETY INSTRUCTIONS

GENERAL SAFETY INSTRUCTIONS



CAUTION : The equipment can be dangerous if you do not follow our instructions concerning installation and servicing described in this manual and in accordance with applicable European standards and local national safety regulations.

Please carefully read all the instruction literature before operating your equipment.

Only trained operators can use the equipment (To acquire an essential training, please contact the "KREMLIN REXSON University" training center - Stains).

The foreman must ensure that the operator has understood the safety instructions for this equipment as well as the instructions in the manuals for the different parts and accessories.

Read carefully all instruction manuals, label markings before operating the equipment.

Incorrect use may result in injury. This equipment is for professional use only. It must be used only for what it has been designed for. Never modify the equipment. The parts and accessories supplied must be regularly inspected. Defective or worn parts must be replaced.

Guards (air motor cover, coupling shields, housings ...) have been designed for safe use of the equipment.

The manufacturer will not be held responsible for bodily injury or failure and / or damage to property due to removal or partial removal of the guards.

Never exceed the equipment components' maximum working pressure.

Comply with regulations concerning safety, fire risks, electrical regulations in force in the country of final destination of the material. Use only products or solvent compatible with the parts in contact with the material (refer to data sheet of the material manufacturer).

PICTOGRAMS

A	B	F	E	C	G
NIP HAZARD	WARNING MOVING ELEVATOR	WARNING MOVING PARTS	WARNING MOVING SHOVEL	DO NOT EXCEED THIS PRESSURE	HIGH PRESSURE HAZARD
H	J	L	K	M	O
RELIEF OR DRAIN VALVE	WARNING HOSE UNDER PRESSURE	WEAR GLASSES OBLIGATORY	WEAR OF GLOVES IS OBLIGATORY	PRODUCT VAPOR HAZARDS	WARNING HOT PARTS OR AREAS
N	P	R	I	Q	S
ELECTRICAL HAZARD	WARNING FIRE HAZARDS	EXPLOSION HAZARDS	GROUNDING	WARNING (USER)	WARNING SERIOUS INJURIES

FIRE - EXPLOSION - SPARKS - STATIC ELECTRICITY HAZARDS

A poor earth connection, inadequate ventilation, sparks or static electricity can cause an explosion or fire. To avoid these risks when using or servicing KREMLIN REXSON equipment, the following safety procedures must be followed :



- ensure a good earth connection and ground the parts to be handled i.e. solvents, materials, components and equipment,
- ensure adequate ventilation,
- keep working area clean and free from waste solvents, chemicals, or solid waste i.e. rags, paper and empty chemicals drums,
- never use electrical switches / power if in an atmosphere of volatile solvent vapour,
- stop working immediately in case of electrical arcs,
- never store chemicals and solvents in the working area.
- use paint whose flash point is the highest possible to prevent from any formation of gas and inflammable vapours (refer to materials' safety instructions),
- install a cover on the drums to reduce the diffusion of gas and vapours in the spraybooth.

TOXIC PRODUCT HAZARDS

Toxic products or vapours can cause severe injury not only through contact with the body, but also if the products are ingested or inhaled. It is imperative :



- to know the material products and their risks,
- notified or hazardous materials must be stored in accordance with the regulations,
- the material must be stored in an appropriate container, never place materials in a container where there is a risk of spillage or leakage,
- a procedure must be applied for the safe disposal of waste material. It must comply with all prevailing regulations and legislations of the country where the equipment is to be used,
- protective clothing should always be worn in compliance with the material manufacturers' recommendations,
- depending on the application and chemical safety instructions, safety glasses, hearing protective earplug, gloves, foot wear, protective masks and possible breathing equipment should be worn to comply with the regulations (Refer to chapter "Safety equipment of KREMLIN selection guide).



CAUTION!

It is forbidden to use material containing high concentrations of halogenated hydrocarbon solvents with **aluminium** or **zinc fillers**. Non-compliance with the instructions may cause explosion risk causing serious or fatal injury.



EQUIPMENT REQUIREMENTS

Guards (air motor cover, coupling shields, housings ...) have been designed for safe use of the equipment.

The manufacturer will not be held responsible for bodily injury or failure and / or damage to property due to removal or partial removal of the guards.

PUMP



Before carrying out any work, it is imperative to read and clearly understand the disassembly and reassembly instructions before servicing. The operator must understand the equipment and the safety instructions. These instructions are available in the equipment manuals.



The air motor is designed to be mounted with a pump. Never modify any components or couplings. When operating, please keep hands away from moving parts. Before starting up the equipment, please read the PRESSURE RELIEF instructions. Please ensure that any relief or drain valves fitted are in good working order.

HOSES

- Keep hoses out of circulation areas, moving parts or hot surfaces,
- Never expose product hoses to temperature higher than + 60°C / 140° F or lower than 0°C / 32° F,
- Never pull or use the hoses to move the equipment,
- Tighten all fittings as well as the hoses before operating the equipment,
- Check the hoses regularly; change them if they are damaged,
- Never exceed the working pressure (WP) indicated on the hose.

USED PRODUCTS

Considering the wide variety of products that are available and can be used in our equipment it is impossible to check and make recommendations for all chemical data, regarding the risks of possible chemical attack and their long term chemical reaction

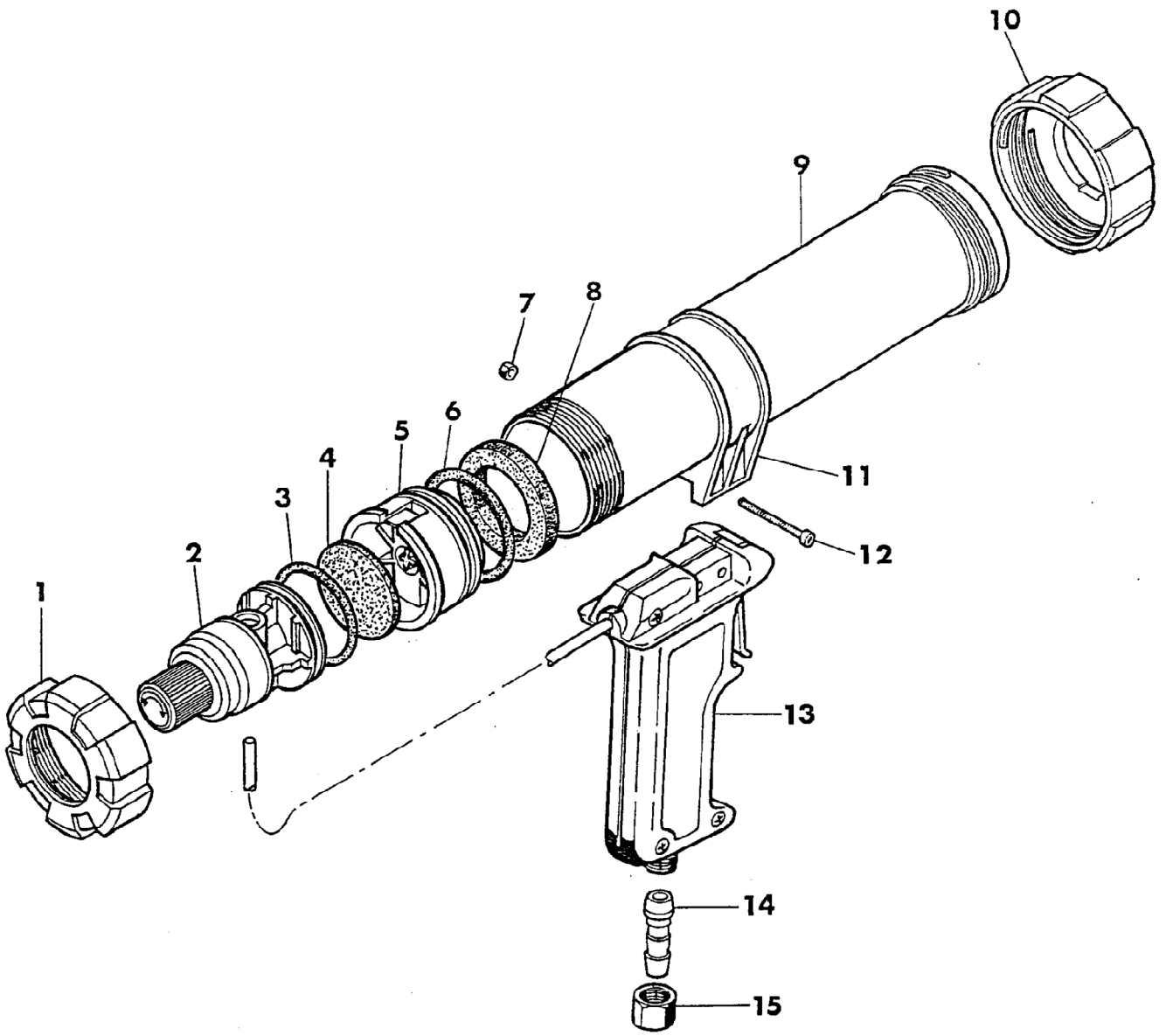
KREMLIN REXSON can not be held liable for :

- Compatibility of wetted parts,
- Risks to staff and the surroundings,
- for worn or defective parts, for faulty equipment or units, or the quality of final product.

It is the responsibility of the user to know and prevent any possible risks such as toxic vapours, fires or explosions. He shall determine the risks of immediate reactions or pursuant to repeated exposures of the staff,

KREMLIN REXSON shall not be liable for physical injuries, direct or indirect material damages caused by the use of chemicals.

03. EXPLODED VIEW



04. SPARE PARTS' LIST

Ind	#	Désignation	Description	Bezeichnung	Denominación	Qté
1	NCS / NSS	Chapeau arrière	Rear hat	Hinterhaube	Tapa trasera	1
2	NCS / NSS	Régulateur air	Air regulator	Luftregler	Regulador de aire	1
3	NCS / NSS	Joint NBR	NBR seal	NBR Dichtung	Junta NBR	1
4	NCS / NSS	Membrane	Diaphragm	Membran	Membrana	1
5	NCS / NSS	Diffuseur air	Air diffuser	Luftdiffuser	Difusor de aire	1
6	NCS / NSS	Joint NBR	NBR seal	NBR Dichtung	Junta NBR	1
7	NCS / NSS	Ecrou	Nut	Mutter	Tuerca	2
8	NCS / NSS	Joint de butée	Stop seal	Anschlagdichtung	Junta de tope	1
9	206 246	Corps	Body	Körper	Cuerpo	1
10	206 247	Chapeau avant	Front hat	Vorderhaube	Tapa delantera	1
11	NCS / NSS	Collier de serrage	Mounting clip	Befestigungsschelle	Collar de cierre	1
12	NCS / NSS	Vis	Screw	Schraube	Tornillo	1
13	NCS / NSS	Poignée	Handle	Handgriff	Empuñadura	1
14	NCS / NSS	Embout air	Air end	Endestück, Luft	Terminal de aire	1
15	NCS / NSS	Ecrou de raccord air	Air coupling nut	Mutter des Luftpipels	Tuerca de racor de aire	1
*	104 723	Pochette de réparation du régulateur d'air	Servicing kit for the air regulator	Reparatursatz des Luftreglers	Bolsa de reparación del regulador de aire	1
*	104 724	Pochette de réparation de la poignée	Handle servicing kit	Reparatursatz für das Handgriff	Bolsa de reparación de la empuñadura	1

Servicing kit for air regulator

104 723

Ind	Désignation	Description	Bezeichnung	Denominación	Qté
1	Chapeau arrière	Rear hat	Hinterhaube	Tapa trasera	1
2	Régulateur air	Air regulator	Luftregler	Regulador de aire	1
3	Joint NBR	NBR seal	NBR Dichtung	Junta NBR	1
4	Membrane	Diaphragm	Membran	Membrana	1
5	Diffuseur air	Air diffuser	Luftdiffuser	Difusor de aire	1
7	Ecrou	Nut	Mutter	Tuerca	2
8	Joint de butée	Stop seal	Anschlagdichtung	Junta de tope	1

Handle servicing kit

104 724

Ind	Désignation	Description	Bezeichnung	Denominación	Qté
6	Joint NBR	Screw	Schraube	Tornillo	1
12	Vis	Handle	Handgriff	Empuñadura	1
13	Poignée	Air end	Endestück, Luft	Terminal de aire	1
14	Embout air	Air fitting nut	Mutter des Luftpipels	Tuerca de racor de aire	1
15	Ecrou de raccord d'air	Screw	Schraube	Tornillo	1

* Pièces de maintenance préconisées tenues en stock

* Preceding the index number denotes a suggested spare part.

* Bezeichnete Teile sind empfohlene Ersatzteile.

* Piezas de mantenimiento preventivo a tener en stock

N C S : Non commercialisé seul.

N S S : Denotes parts are not serviceable separately.

N S S : Bezeichnete Teile gibt es nicht einzeln, sondern nur komplett.

N S S : no suministrado por separado.

05. MAINTENANCE

Before any removal or intervention on the gun, you must isolate it by means of a safety valve (compulsory upstream of the gun) and ensure that the working pressure has been drained to avoid risks of serious injuries : spatters especially in eyes or injections under the skin can cause a blood poisoning when using such material.

The maintenance consists in checking seals as well as the parts of the gun following fluid leaks or only for a preventive maintenance.

We advice you to change the parts with an unfair wear and tear.

DO NOT SOAK THE GUN INTO SOLVENT
The seals of the pneumatic section will be damaged.

06. DISASSEMBLY OF THE CARTRIDGE GUN

- Make sure the pneumatic pressure has been drained to avoid risks of spatters,
- Disconnect the tube,
- Remove the front hat (10),
- Remove the rear hat (1),
- Put aside the air regulator (2),
- Remove the seal (3),
- Remove the diaphragm (4),
- Remove the air diffuser (5),
- Remove the seal (6),
- Remove the stop seal (8),
- Untighten the screws (12),
- Take off the nuts (7),
- Put aside the handle (13),
- Remove the mounting clip (11),
- Clean the parts with a dry rag; never use solvent : it would damage the seals,
- Only the metal parts can be cleaned with a solvent compatible with the material to be sprayed,
- Check carefully the parts and change them if necessary.

07. ASSEMBLY OF THE GUN

- Carry out the gun assembly in the reverse order of the disassembly sequence.