

**R-SERIES (R5, R6, R8)  
Instructions Manuel**

TECHNICAL CHARACTERISTICS		
R5	R6	R8
<b>Working range</b>		
From 2,4mm to 4,0mm Ø All materials and 4,8mm Ø Aluminum	From 2,4mm to 4,8mm Ø All materials	From 4,0mm to 6,4mm Ø All materials
From 3/32" to 5/32" Ø All materials and 3/16" Ø Aluminum	From 3/32" to 3/16" Ø All materials	From 5/32" to 1/4" Ø All materials
<b>Weight</b>		
1,30kg – 2,87lbs	1,50kg – 3,11lbs	1,74kg – 3,84lbs
<b>Operating air pressure</b>		
5 to 7 bar – 75 to 105lbs	5 to 7 bar – 75 to 105lbs	5 to 7 bar – 75 to 105lbs
<b>Usable stroke</b>		
14mm – 0,551"	16mm – 0,630"	18mm – 0,709"
<b>Dimensions</b>		
305mm x 274mm	313mm x 305mm	316mm x 315mm
<b>Warranty</b>		
6 months	6 months	6 months

**Safety Instructions:**

- *This instruction manual must be read by any person installing, operating, or servicing this tool.*
- *Never dismantle the tool without first having thoroughly studied the instructions given in this User manual.*
- *Always use the tool in accordance with the specified safety instructions. Direct any queries regarding optimal and safe operation or use of the tool to our compagny.*
- *The safety instructions must be made clear to all persons involved.*
- *Never connect the tool to any medium other than compressed air. Set the air pressure between 73 and 101 pounds.*
- *Do not use the tool other than placing break stem rivets.*
- *The tool must be maintained in a safe working condition at all times and examined at regular intervals for damage and function by trained competent personnel. Do not dismantle this tool without prior reference to the maintenance and service instructions.*
- *Always disconnect the airline from the tool inlet before attempting to maintenance and service.*
- *Do not operate the tool that is directed towards any person or the operator.*
- *When using the tool, the wearing of safety glasses is suggested, by the operator and others in the vicinity to protect against rivet stem ejection.*
- *Only use hydraulic oil approved by the manufacturer. Please note: Never use brake fluid.*

## **Air supply requirements**

*All tools are operated with compressed air in the range of 5 to 7 bar (75 to 100 psi). We recommend the use of pressure regulators and filtering systems on the main air supply. These should be fitted within 3 meters of the tool to ensure maximum tool life and minimum tool maintenance.*

*Air supply hoses should have a minimum working pressure rating of 150% of the maximum pressure produced in the system or 10 bar (150 psi), whichever is the highest. Air hoses should be oil resistant, have an abrasion resistant exterior and should be armoured where operating conditions may result in hoses being damaged. All air hoses must have a minimum bore diameter of 6.4 millimeters (1/4 inch).*

## **Operation**

*Determine the size rivet that you are going to use. To change the nosepiece remove it from rivet tool using wrench included. Select the nosepiece that corresponds to the size rivet you are using and screw nosepiece clockwise onto the rivet tool head. Meanwhile, check the right pusher (part #7) before operating. Use right size pusher included which can avoid several spines from obstructing in the tube together after pulling down by jaws.*

- 1) Attach air line to air supply.*
- 2) Turn on the vacuum system by turning the hex nut/vacuum adjuster nut (part #28) counter-clockwise. (See Figure 1)*
- 3) Insert a blind rivet into nosepiece. Direct the riveter with rivet to the hole needed to be operated then pull the trigger. The stems automatically reverse to the collector and the work is done.*

### **Caution:**

- The rivet will be held in place by the vacuum system. If rivet falls out of the nosepiece, vacuum is not strong enough. To increase volume of vacuum, turn the hex nut/vacuum adjuster nut counter-clockwise. (See Figure 1). To turn it off, turn it clockwise.*
- If operating without the nail collector, please wear goggles or turn off the vacuum.*



*Figure 1*

## **Oiling**

*It is important that the tool be properly lubricated. Every 10,000 cycles the tool should be oiled with lubricating oil. There may be insufficient oil if the stroke of the tool is too small for proper installation. Without proper lubrication the tool will not work properly and parts will wear prematurely.*

- 1. Keep the tool upright during all operations. Connect the tool to the air supply. Please note: don't press the trigger.*
- 2. Unscrew the oil fill screw (part #37) from the body using the Allen wrench included.*
- 3. Fill the syringe (included) with hydraulic oil.*
- 4. Screw the filled syringe in the oil fill screw hole. Then slowly inject the oil into the tool (Make sure no air is injected.) Adequate oil has been added as soon as resistance is sensed. The excess oil will flow back when the syringe is released if more oil is added than necessary. (Fig 2)*
- 5. Unscrew and remove the syringe from the body.*
- 6. Screw the oil fill screw into the hole using the Allen wrench.*
- 7. Wipe off any excess oil.*

*To test oil level, press trigger 2-3 times. Insert rivet into nosepiece (use the largest diameter rivet that tool accepts). Check to see if rivet mandrel can be inserted completely into nosepiece – head of rivet must touch nosepiece. If rivet cannot be completely inserted into tool, too much oil has been added and some must be removed. To remove excess oil, unscrew oil fill screw approximately ¼ turn. Once the tool is properly adjusted tighten the oil fill screw firmly with Allen wrench and wipe off any excess oil. When the oil fill screw is unscrewed, oil will seep from the chamber. After the rivet mandrel is full seated into the nosepiece, the oil level is then ready for operation.*



*Figure 2*

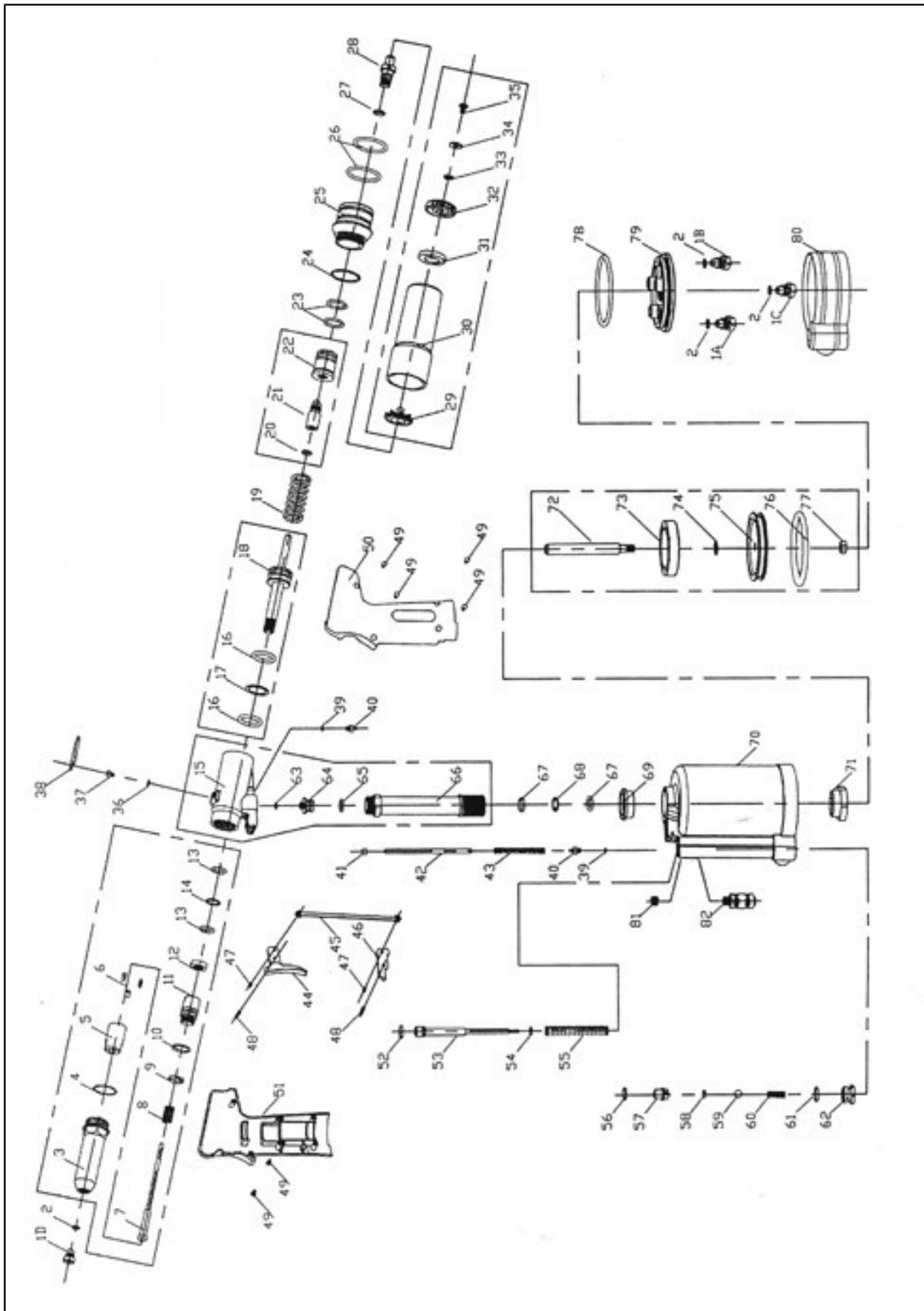
### **Jaw cleaning**

*Every 10,000 cycles the jaws of the tool should be cleaned and oiled. Disconnect the air supply. To access jaws (part #6), remove the head (part #3) to expose the jaw case (part #5). To remove jaw case from pulling mechanism, use 2 wrenches (included). Jaws will be under slight spring pressure from the jaw pusher (part #8). Separate the jaw case from pusher. Jaws will be loose. Clean jaws with a wire brush. Place a small dab of multi-purpose lithium grease on the outside of jaws (not serrated side). Return jaws into jaw case ensuring proper placement of jaws. All serrated faces should be touching each other.*



*Figure 3*

A5 , A6 , A8  
LISTE DES PIECES ET SCHEMA  
PARTS LIST AND DIAGRAM



NO. DE LISTE	MODELES D'OUTIL	NOUVEAU CODE	DESCRIPTION	ENGLISH
LIST NUMBER	TOOL MODELS	NEW PART NUMBER	FRANCAISE	DESCRIPTION
01	R5, R6	R0124	TETE DE PIECE 3/32	3/32 NOSEPIECE
01	R5, R6	R0132	TETE DE PIECE 1/8	1/8 NOSEPIECE
01	R5, R6, R8	R0140	TETE DE PIECE 5/32	5/32 NOSEPIECE
01	R5, R6, R8	R0148	TETE DE PIECE 3/16	3/16 NOSEPIECE
01	R8	R0164	TETE DE PIECE 1/4	1/4 NOSEPIECE
01	R5, R6	R0124A	TETE DE PIECE 3/32 ALLONGE	3/32 ELONGATED NOSEPIECE
01	R5, R6	R0132A	TETE DE PIECE 1/8 ALLONGE	1/8 ELONGATED NOSEPIECE
01	R5, R6, R8	R0140A	TETE DE PIECE 5/32 ALLONGE	5/32 ELONGATED NOSEPIECE
01	R5, R6, R8	R0148A	TETE DE PIECE 3/16 ALLONGE	3/16 ELONGATED NOSEPIECE
01	R8	R0164A	TETE DE PIECE 1/4 ALLONGE	1/4 ELONGATED NOSEPIECE
02	R5, R6, R8	R02	JOINT TORIQUE	O'RING
03	R5, R6, R8	R03	CANON	HEAD
04	R5, R6, R8	R04	JOINT TORIQUE	O'RING
05	R5, R6, R8	R05	CARTER DE MACHOIRE	JAW CASE
06	R5, R6	R06	MACHOIRES (3 PIECES)	JAWS (3 PARTS)
06	R8	R068	MACHOIRES (3 PIECES)	JAWS (3 PARTS)
07	R5, R6	R07A	POUSSOIR DE MACHOIRES (2.4/3.2)	JAW PUSHER
07	R5, R6, R8	R07B	POUSSOIR DE MACHOIRES (4.0/4.8)	JAW PUSHER
07	R8	R07C	POUSSOIR DE MACHOIRES (4.8/6.4)	JAW PUSHER
08	R5, R6, R8	R08	RESSORT POUSSOIR DE MACHOIRES	JAW PUSHER SPRING
09	R5, R6, R8	R09	ANNEAU AUTOBLOCANT	LOCK RING
10	R5, R6, R8	R10	JOINT TORIQUE	O'RING
11	R5, R6	R11	UNION DU CARTER	JAW HOUSING COUPLER
11	R8	R118	UNION DU CARTER	JAW HOUSING COUPLER
12	R5, R6	R12	CONTRE-ECROU	SET NUT
12	R8	R128	CONTRE-ECROU	SET NUT
13	R5, R6	R13	JOINT TORIQUE	O'RING
13	R8	R138	JOINT TORIQUE	O'RING
14	R5, R6	R14	JOINT TORIQUE TEFLON	TEFLON O'RING
14	R8	R148	JOINT TORIQUE TEFLON	TEFLON O'RING
15	R5	R155	POIGNEE HYDRAULIQUE	HYDRAULIC SECTION
15	R6	R156	POIGNEE HYDRAULIQUE	HYDRAULIC SECTION
15	R8	R158H	POIGNEE HYDRAULIQUE	HYDRAULIC SECTION
16	R5	R165	JOINT TORIQUE	O'RING
16	R6	R166	JOINT TORIQUE	O'RING
16	R8	R168	JOINT TORIQUE	O'RING
17	R5	R175	JOINT TORIQUE TEFLON	TEFLON O'RING
17	R6	R176	JOINT TORIQUE TEFLON	TEFLON O'RING
17	R8	R178	JOINT TORIQUE TEFLON	TEFLON O'RING
18	R5	R185	PLONGEUR HYDRAULIQUE	HYDRAULIC PLUNGER
18	R6	R186	PLONGEUR HYDRAULIQUE	HYDRAULIC PLUNGER
18	R8	R188H	PLONGEUR HYDRAULIQUE	HYDRAULIC PLUNGER
19	R5, R6, R8	R19	RESSORT DE RETOUR	RETURN SPRING
20	R5, R6	R20	JOINT TORIQUE	O'RING
20	R8	R208	JOINT TORIQUE	O'RING
21	R5, R6	R21	TUBE DU VACUUM	VACCUM TUBE
21	R8	R218	TUBE DU VACUUM	VACCUM TUBE
22	R5, R6	R22	SIEGE DU TUBE DU VACUUM	VACCUM TUBE SEAT
22	R8	R228	SIEGE DU TUBE DU VACUUM	VACCUM TUBE SEAT
23	R5, R6, R8	R23	JOINT TORIQUE	O'RING
24	R5, R6, R8	R24	JOINT TORIQUE	O'RING
25	R5	R255	ENSEMBLE COUVERCLE SCELLANT	SEALING LID ASSEMBLY

NO. DE LISTE	MODELES D'OUTIL	NOUVEAU CODE	DESCRIPTION	ENGLISH
LIST NUMBER	TOOL MODELS	NEW PART NUMBER	FRANCAISE	DESCRIPTION
25	R6, R8	R25	ENSEMBLE COUVERCLE SCELLANT	SEALING LID ASSEMBLY
26	R5	R265	JOINT TORIQUE	O'RING
26	R6, R8	R26	JOINT TORIQUE	O'RING
27	R5, R6, R8	R27	JOINT TORIQUE	O'RING
28	R5, R6	R28	VIS D'AJUSTEMENT DU VACUUM	VACUUM ADJUSTER NUT
28	R8	R288	VIS D'AJUSTEMENT DU VACUUM	VACUUM ADJUSTER NUT
29	R5	R295	AMORTISSEUR DU MANDRIN	BREAKNAIL
29	R6, R8	R29	AMORTISSEUR DU MANDRIN	BREAKNAIL
30	R5	R305	RECUPERATEUR DE MANDRIN	MANDREL COLLECTOR
30	R6, R8	R30	RECUPERATEUR DE MANDRIN	MANDREL COLLECTOR
31	R5	R315	SILENCIEUX	SILENCER
31	R6, R8	R31	SILENCIEUX	SILENCER
32	R5	R325	COUVERT DU SILENCIEUX	SILENCER COVER
32	R6, R8	R32	COUVERT DU SILENCIEUX	SILENCER COVER
33	R5, R6, R8	R33	JOINT TORIQUE	O'RING
34	R5, R6, R8	R34	JOINT D'ETANCHEITE	GASKET
35	R5, R6, R8	R35	VIS A TETE HEXAGONALE	HEX HEAD SCREW
36	R5, R6, R8	R36	RONDELLE D'ETANCHEITE	BLEED SCREW SEAL
37	R5, R6, R8	R37	VIS DU RESERVOIR D'HUILE	OIL REFILL SCREW
38	R5, R6, R8	R38	CROCHET	HOOK
39	R5, R6, R8	R39	JOINT D'ETANCHEITE	SEALING GASKET
40	R5, R6, R8	R40	RACCORD POUR L'AIR	AIR TIE-IN
41	R5, R6, R8	R41	ANNEAU D'ETANCHEITE	SHROUD RING
42	R5, R6, R8	R42	CONDUIT D'AIR	AIR TUBE
43	R5, R6, R8	R43	ANNEAU PROTECTEUR	PROTECTIVE RING
44	R5, R6, R8	R44	GACHETTE	TRIGGER
45	R5, R6, R8	R45	BIELLE	CONNECTING ROD
46	R5, R6, R8	R46	POUSSOIR DE LA SOUPE	VALVE PUSHER
47	R5, R6, R8	R47	TIGE DE LA BIELLE	CONNECTING ROD PIN
48	R5, R6, R8	R48	TIGE DE LA GACHETTE	TRIGGER PIN
49	R5, R6, R8	R49	VIS POUR POIGNEE	HANDLE SCREW
50	R5, R6, R8	R50	POIGNEE (GAUCHE)	HANDLE (LEFT)
51	R5, R6, R8	R51	POIGNEE (DROITE)	HANDLE (RIGHT)
52	R5, R6	R52	JOINT TORIQUE	O'RING
52	R8	R528	JOINT TORIQUE	O'RING
53	R5	R535	TIGE DE LA SOUPE A AIR	AIR VALVE ROD
53	R6	R536	TIGE DE LA SOUPE A AIR	AIR VALVE ROD
53	R8	R538	TIGE DE LA SOUPE A AIR	AIR VALVE ROD
54	R5, R6	R54	JOINT TORIQUE	O'RING
54	R8	R548	JOINT TORIQUE	O'RING
55	R5	R555	RESSORT DE LA SOUPE	VALVE SPRING
55	R6	R556	RESSORT DE LA SOUPE	VALVE SPRING
55	R8	R558	RESSORT DE LA SOUPE	VALVE SPRING
56	R5, R6, R8	R56	JOINT TORIQUE	O'RING
57	R5, R6, R8	R57	BASE DE LA SOUPE	VALVE BASE
58	R5, R6, R8	R58	JOINT TORIQUE	O'RING
59	R5, R6, R8	R59	BILLE EN ACIER	STEEL BALL
60	R5, R6, R8	R60	RESSORT SCELLANT	SEALING SPRING
61	R5, R6, R8	R61	JOINT TORIQUE	O'RING
62	R5, R6, R8	R62	ECROU SCELLANT	SEALING NUT
63	R5, R6, R8	R63	JOINT TORIQUE	O'RING
64	R5, R6, R8	R64	CONNECTEUR	CONNECTOR
65	R5, R6, R8	R65	JOINT TORIQUE	O'RING



NO. DE LISTE	MODELES D'OUTIL	NOUVEAU CODE	DESCRIPTION	ENGLISH
LIST NUMBER	TOOL MODELS	NEW PART NUMBER	FRANCAISE	DESCRIPTION
66	R5	R665	MANCHON HYDRAULIQUE	HYDRAULIC ROD
66	R6, R8	R66	MANCHON HYDRAULIQUE	HYDRAULIC ROD
67	R5	R675	JOINT TORIQUE	O'RING
67	R6, R8	R67	JOINT TORIQUE	O'RING
68	R5	R685	JOINT TORIQUE TEFLON	TEFLON O'RING
68	R6, R8	R68	JOINT TORIQUE TEFLON	TEFLON O'RING
69	R5, R6, R8	R69	CONTRE-ECROU	SET NUT
70	R5	R705	CORPS DU CYLINDRE A L'AIR	AIR BODY CYLINDER
70	R6	R706	CORPS DU CYLINDRE A L'AIR	AIR BODY CYLINDER
70	R8	R708H	CORPS DU CYLINDRE A L'AIR	AIR BODY CYLINDER
71	R5, R6, R8	R71	ECROU DE LA CHAMBRE A L'HUILE	OIL CHAMBER NUT
72	R5	R725	TIGE DU PLONGEUR A L'AIR	AIR PLUNGER ROD
72	R6	R726	TIGE DU PLONGEUR A L'AIR	AIR PLUNGER ROD
72	R8	R728	TIGE DU PLONGEUR A L'AIR	AIR PLUNGER ROD
73	R5, R6	R73	SOURDINE	DAMPING RING
73	R8	R738	SOURDINE	DAMPING RING
74	R5, R6, R8	R74	JOINT D'ETANCHEITE	GASKET
75	R5, R6	R75	PISTON	PISTON
75	R8	R758	PISTON	PISTON
76	R5, R6	R76	JOINT TORIQUE DU PLONGEUR	AIR PLUNGER O'RING
76	R8	R768	JOINT TORIQUE DU PLONGEUR	AIR PLUNGER O'RING
77	R5, R6, R8	R77	ECROU	NUT
78	R5, R6	R78	JOINT TORIQUE	O'RING
78	R8	R788	JOINT TORIQUE	O'RING
79	R5, R6	R79	COUVERT DU CORPS	CYLINDER LID
79	R8	R798	COUVERT DU CORPS	CYLINDER LID
80	R5	R805	BASE EN CAOUTCHOUC	RUBBER BASE
80	R6	R806	BASE EN CAOUTCHOUC	RUBBER BASE
80	R8	R808	BASE EN CAOUTCHOUC	RUBBER BASE
81	R5, R6, R8	R81	VIS	SCREW
82	R5, R6, R8	R82	SILENCIEUX	SILENCER



*For any questions, feel free to contact us:*

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