

**A-SERIES (A5, A6, A8)
Instructions Manuel**

TECHNICAL CHARACTERISTICS		
A5	A6	A8
Working range		
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
Weight		
1,30kg – 2,87lbs	1,50kg – 3,11lbs	1,74kg – 3,84lbs
Operating air pressure		
5 to 7 bar – 75 to 105lbs	5 to 7 bar – 75 to 105lbs	5 to 7 bar – 75 to 105lbs
Usable stroke		
14mm – 0,551"	16mm – 0,630"	18mm – 0,709"
Dimensions		
295mm x 262mm	295mm x 293mm	305mm x 318mm
Warranty		
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 #6) 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 #27) 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 #16) 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

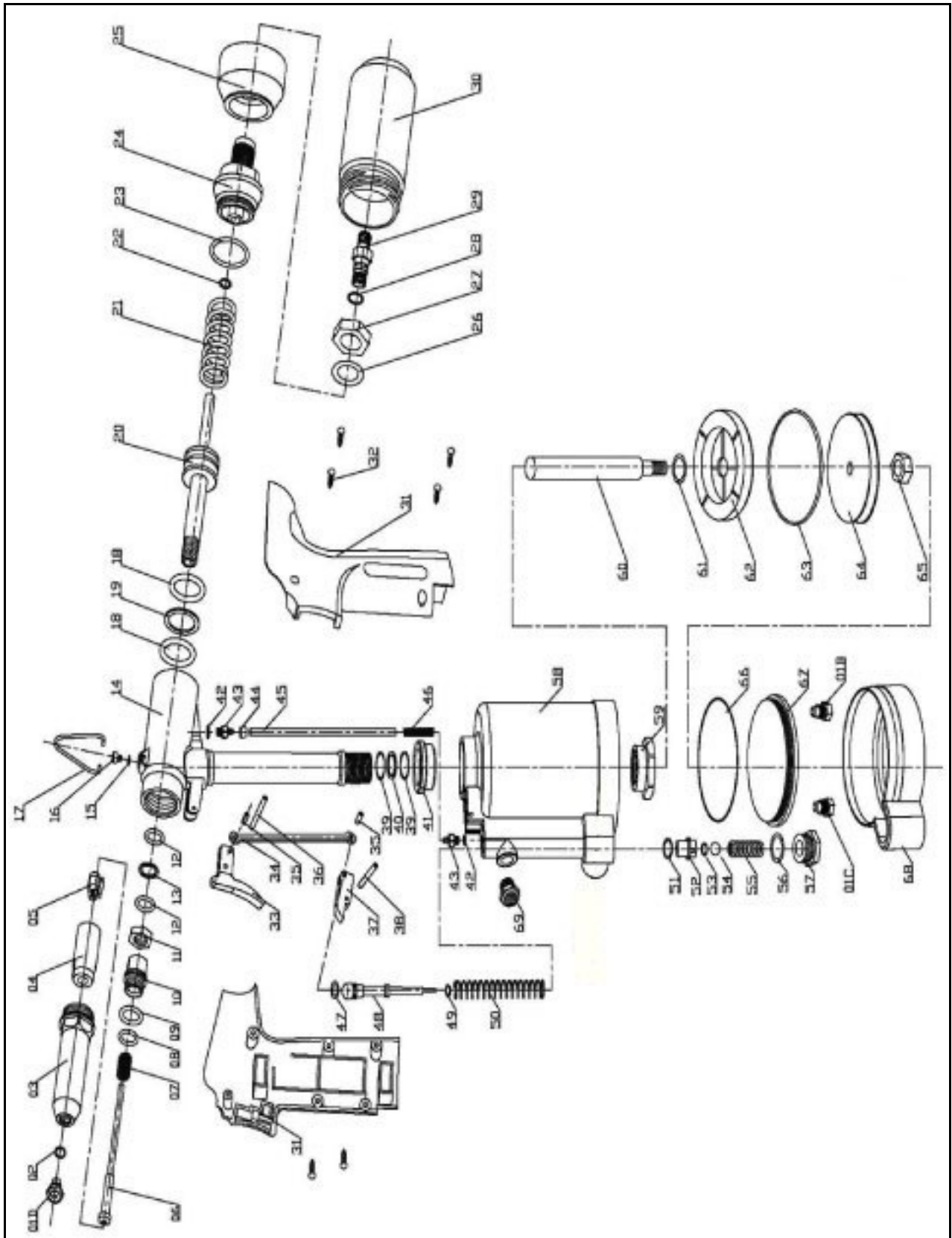
Jaw cleaning

Every 10,000 cycles the jaws of the tool should be cleaned and oiled. Disconnect the air supply. To access jaws (part #5), remove the head (part #3) to expose the jaw case (part #4). To remove jaw case from pulling mechanism, use 2 wrenches (included). Jaws will be under slight spring pressure from the jaw pusher (part #6). 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	CODE	DESCRIPTION	ENGLISH
LIST NUMBER	TOOL MODELS	CODE	FRANCAISE	DESCRIPTION
01	A5	AX0124	TETE DE PIECE 3/32	3/32 NOSEPIECE
01	A5, A6	AX0132	TETE DE PIECE 1/8	1/8 NOSEPIECE
01	A5, A6, A8	AX0140	TETE DE PIECE 5/32	5/32 NOSEPIECE
01	A5, A6, A8	AX0148	TETE DE PIECE 3/16	3/16 NOSEPIECE
01	A8	AX0164	TETE DE PIECE 1/4	1/4 NOSEPIECE
01	A5	AX0124A	TETE DE PIECE 3/32 ALLONGE	3/32 ELONGATED NOSEPIECE
01	A5, A6	AX0132A	TETE DE PIECE 1/8 ALLONGE	1/8 ELONGATED NOSEPIECE
01	A5, A6, A8	AX0140A	TETE DE PIECE 5/32 ALLONGE	5/32 ELONGATED NOSEPIECE
01	A5, A6, A8	AX0148A	TETE DE PIECE 3/16 ALLONGE	3/16 ELONGATED NOSEPIECE
02	A5, A6, A8	AX02	JOINT TORIQUE	O'RING
03	A5, A6, A8	AX03	CANON	HEAD
04	A5, A6, A8	AX04	CARTER DE MACHOIRE	JAW CASE
05	A5, A6	AX05	MACHOIRES (3 PIECES)	JAWS (3 PARTS)
05	A8	AX058	MACHOIRES (3 PIECES)	JAWS (3 PARTS)
06	A5, A6	AX06	POUSSOIR DE MACHOIRES	JAW PUSHER
06	A8	AX068	POUSSOIR DE MACHOIRES	JAW PUSHER
07	A5, A6, A8	AX07	RESSORT POUSSOIR DE MACHOIRES	JAW PUSHER SPRING
08	A5, A6, A8	AX08	ANNEAU AUTOBLOCANT	LOCK RING
09	A5, A6, A8	AX09	JOINT TORIQUE	O'RING
10	A5, A6	AX10	UNION DU CARTER	JAW HOUSING COUPLER
10	A8	AX108	UNION DU CARTER	JAW HOUSING COUPLER
11	A5, A6	AX11	CONTRE-ECROU	SET NUT
11	A8	AX118	CONTRE-ECROU	SET NUT
12	A5, A6	AX12	JOINT TORIQUE	O'RING
12	A8	AX128	JOINT TORIQUE	O'RING
13	A5, A6	AX13	JOINT TORIQUE TEFLON	TEFLON O'RING
13	A8	AX138	JOINT TORIQUE TEFLON	TEFLON O'RING
14	A5, A6	AX14	POIGNEE HYDRAULIQUE	HYDRAULIC SECTION
14	A8	AX148	POIGNEE HYDRAULIQUE	HYDRAULIC SECTION
15	A5, A6, A8	AX15	RONDELLE D'ETANCHEITE	BLEED SCREW SEAL
16	A5, A6, A8	AX16	VIS DU RESERVOIR D'HUILE	OIL REFILL SCREW
17	A5, A6, A8	AX17	CROCHET	HOOK
18	A5, A6	AX18	JOINT TORIQUE	O'RING
18	A8	AX188	JOINT TORIQUE	O'RING
19	A5, A6	AX19	JOINT TORIQUE TEFLON	TEFLON O'RING
19	A8	AX198	JOINT TORIQUE TEFLON	TEFLON O'RING
20	A5, A6	AX20	PLONGEUR HYDRAULIQUE	HYDRAULIC PLUNGER
20	A8	AX208	PLONGEUR HYDRAULIQUE	HYDRAULIC PLUNGER
21	A5, A6, A8	AX21	RESSORT DE RETOUR	RETURN SPRING
22	A5, A6	AX22	JOINT TORIQUE	O'RING
22	A8	AX228	JOINT TORIQUE	O'RING
23	A5, A6, A8	AX23	JOINT TORIQUE	O'RING
24	A5	AX245	ENSEMBLE COUVERCLE SCELLANT	SEALING LID ASSEMBLY
24	A6	AX246	ENSEMBLE COUVERCLE SCELLANT	SEALING LID ASSEMBLY
24	A8	AX248	ENSEMBLE COUVERCLE SCELLANT	SEALING LID ASSEMBLY
25	A5	AX255	ADAPTEUR	ADAPTER
25	A6, A8	AX25	ADAPTEUR	ADAPTER
26	A5, A6, A8	AX26	JOINT D'ETANCHEITE	GASKET
27	A5, A6, A8	AX27	ECROU	NUT
28	A5, A6, A8	AX28	JOINT TORIQUE	O'RING
29	A5, A6	AX29	VIS D'AJUSTEMENT DU VACUUM	VACUUM ADJUSTER NUT
29	A8	AX298	VIS D'AJUSTEMENT DU VACUUM	VACUUM ADJUSTER NUT
30	A5	AX305	RECUPERATEUR DE MANDRIN	MANDREL COLLECTOR
30	A6, A8	AX30	RECUPERATEUR DE MANDRIN	MANDREL COLLECTOR
31	A5, A6, A8	AX31	POIGNEE (2 PIECES)	HANDLE (2 PARTS)
32	A5, A6, A8	AX32	VIS POUR POIGNEE	HANDLE SCREW
33	A5, A6, A8	AX33	GACHETTE	TRIGGER

NO. DE LISTE	MODELES D'OUTIL	CODE	DESCRIPTION	ENGLISH
LIST NUMBER	TOOL MODELS	CODE	FRANCAISE	DESCRIPTION
34	A5, A6, A8	AX34	BIELLE	CONNECTING ROD
35	A5, A6, A8	AX35	TIGE DE LA BIELLE	CONNECTING ROD PIN
36	A5, A6, A8	AX36	TIGE DE LA GACHETTE	TRIGGER PIN
37	A5, A6	AX37	POUSOIR DE LA SOUPE	VALVE PUSHER
37	A8	AX378	POUSOIR DE LA SOUPE	VALVE PUSHER
38	A5, A6, A8	AX38	TIGE DU POUSSOIR DE LA VALVE	VALVE PUSHER PIN
39	A5	AX395	JOINT TORIQUE	O'RING
39	A6, A8	AX39	JOINT TORIQUE	O'RING
40	A5	AX405	JOINT TORIQUE TEFLON	TEFLON O'RING
40	A6, A8	AX40	JOINT TORIQUE TEFLON	TEFLON O'RING
41	A5, A6	AX41	CONTRE-ECROU	SET NUT
41	A8	AX418	CONTRE-ECROU	SET NUT
42	A5, A6, A8	AX42	JOINT D'ETANCHEITE	SEALING GASKET
43	A5, A6, A8	AX43	RACCORD POUR L'AIR	AIR TIE-IN
44	A5, A6, A8	AX44	ANNEAU D'ETANCHEITE	SHROUD RING
45	A5, A6, A8	AX45	CONDUIT D'AIR	AIR TUBE
46	A5, A6, A8	AX46	ANNEAU PROTECTEUR	PROTECTIVE RING
47	A5, A6	AX47	JOINT TORIQUE	O'RING
47	A8	AX478	JOINT TORIQUE	O'RING
48	A5	AX485	TIGE DE LA SOUPE A AIR	AIR VALVE ROD
48	A6	AX486	TIGE DE LA SOUPE A AIR	AIR VALVE ROD
48	A8	AX488	TIGE DE LA SOUPE A AIR	AIR VALVE ROD
49	A5, A6, A8	AX49	JOINT TORIQUE	O'RING
50	A5	AX505	RESSORT DE LA SOUPE	VALVE SPRING
50	A6	AX506	RESSORT DE LA SOUPE	VALVE SPRING
50	A8	AX508	RESSORT DE LA SOUPE	VALVE SPRING
51	A5, A6, A8	AX51	JOINT TORIQUE	O'RING
52	A5, A6, A8	AX52	BASE DE LA SOUPE	VALVE BASE
53	A5, A6, A8	AX53	JOINT TORIQUE	O'RING
54	A5, A6, A8	AX54	BILLE EN ACIER	STEEL BALL
55	A5, A6, A8	AX55	RESSORT SCELLANT	SEALING SPRING
56	A5, A6, A8	AX56	JOINT TORIQUE	O'RING
57	A5, A6, A8	AX57	ECROU SCELLANT	SEALING NUT
58	A5	AX585	CORPS DU CYLINDRE A L'AIR	AIR BODY CYLINDER
58	A6	AX586	CORPS DU CYLINDRE A L'AIR	AIR BODY CYLINDER
58	A8	AX588	CORPS DU CYLINDRE A L'AIR	AIR BODY CYLINDER
59	A5	AX595	ECROU DE LA CHAMBRE A L'HUILE	OIL CHAMBER NUT
59	A6	AX596	ECROU DE LA CHAMBRE A L'HUILE	OIL CHAMBER NUT
59	A8	AX598	ECROU DE LA CHAMBRE A L'HUILE	OIL CHAMBER NUT
60	A5	AX605	TIGE DU PLONGEUR A L'AIR	AIR PLUNGER ROD
60	A6	AX606	TIGE DU PLONGEUR A L'AIR	AIR PLUNGER ROD
60	A8	AX608	TIGE DU PLONGEUR A L'AIR	AIR PLUNGER ROD
61	A5, A6, A8	AX61	JOINT D'ETANCHEITE	GASKET
62	A5, A6	AX62	SOURDINE	DAMPING RING
62	A8	AX628	SOURDINE	DAMPING RING
63	A5, A6	AX63	JOINT TORIQUE DU PLONGEUR	AIR PLUNGER O'RING
63	A8	AX638	JOINT TORIQUE DU PLONGEUR	AIR PLUNGER O'RING
64	A5, A6	AX64	PISTON	PISTON
64	A8	AX648	PISTON	PISTON
65	A5, A6, A8	AX65	ECROU	NUT
66	A5, A6	AX66	JOINT TORIQUE	O'RING
66	A8	AX668	JOINT TORIQUE	O'RING
67	A5, A6	AX67	COUVERT DU CORPS	CYLINDER LID
67	A8	AX678	COUVERT DU CORPS	CYLINDER LID
68	A5, A6	AX68	BASE EN CAOUTCHOUC	RUBBER BASE
68	A8	AX688	BASE EN CAOUTCHOUC	RUBBER BASE
69	A5, A6, A8	AX69	SILENCIEUX	SILENCER



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