POLYCHEM CORPORATION

OPERATION MANUAL – SPARE PARTS LIST

PHT401

PNEUMATIC PLASTIC STRAPPING TOOL

CE

READ ALL INSTRUCTIONS BEFORE OPERATING THE TOOL

Ed. 06/11

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1) SAFETY INSTRUCTIONS

READ THE OPERATING INSTRUCTION CAREFULLY

WHEN OPERATING THE TOOL, WEAR EYE, FACE AND HAND SAFETY PROTECTION

GENERAL SAFETY INSTRUCTIONS :

The tool must be used by properly trained people. Failure to follow the operating instructions or improper use could cause strap breakage, injuries, or package damages.
Check tool daily, do not use tool with worn or damaged parts. Use original spare parts for replacement. Never modify any tool part.
Do not put fingers, hands or other body parts between the strap and package during the cycle.
It is your responsibility to check the seal joints made by your tool. Training about the weld time adjustment will be useful to check the seal quality in order to avoid severe injury. Never move goods with bad quality seals. Only use specific strap dispenser to dispense the strap. Keep your working area clean and always use the tool in good balance and safety conditions. Never use straps as a means of pulling or lifting goods.
Always use a proper safety strap cutter and keep other people and yourself at a safe distance from strap, always stand to side of strap, away from direction of strap trajectory once cut. Hold the upper strap portion and pay attention that the lower strap will snap forward away from you.
Improper operation, excessive tensioning, use of non recommended strap, or sharp corners on the package could cause a loss of strap tension and/or strap breakage that could lead to packaging failure or injury. The following is recommended; use edge protectors if package has sharp corners, place the strap correctly around a properly positioned package, stand in safety position (on one side of strap) during strapping cycle, and use the correct strap quality, width, thickness, and break strength as recommended in this manual.
Please save this manual, as it is a part of the tool. This tool is manufactured without any substances which could be dangerous to health. National instructions must be observed for disposal of all the parts.

GENERAL SAFETY INSTRUCTIONS FOR COMPRESSED AIR:

Never operate this tool using a bottled air or other gas source. Do not exceed the air pressure range as shown in this operation manual. For all adjustments, repairs or cleaning of the tool, always disconnect air supply. Always use dry, clean and lubricated compressed air.

2) TECHNICAL DATA

	TOOL SIZE				
	Length:				**280mm – 11”**
	Width:				**150mm – 6”**
	Height:				**175mm – 6.9”**
	Weight:				**4.9 kgs – 10.8lbs**

	AIR REQUIRED				
	Pressure range:				**4.5-7 bar / 64-99 psi**
	Air consumption:				**14 L/s – 29cuft/min**

	SPECIFICATION				
	Max.Tension force:				**2500N* - 6.5 bar – 92 psi**
	Tensioning speed:				**11 mt/min**
	Sealing:				**Friction weld seal**
	Joint strength:				**80% plastic strap strength***
	Level sound emission. Measurement type A (2003/10/CE)				**77 dB (A)**
	Vibrations at handle (2002/44/CE)				**<2.5 ms^2**

- depends of kind strap

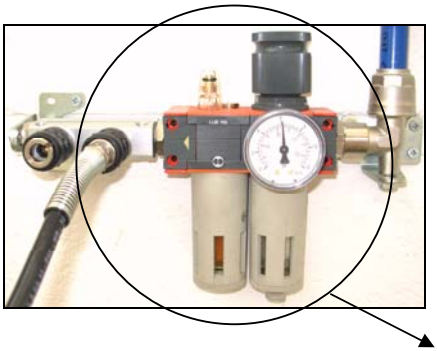
CHART OF TYPES

ITEM	MODEL	STRAP	THICKNESS
T101013	PHT401 *	PP-PET -3/8”	>.016” – 0.047”<
T101313	PHT401 *	PP–PET -1/2”	>.016” – 0.047”<
T109913	PHT401 *	PP-PET -5/8”-3/4”	>.016” – 0.047”<

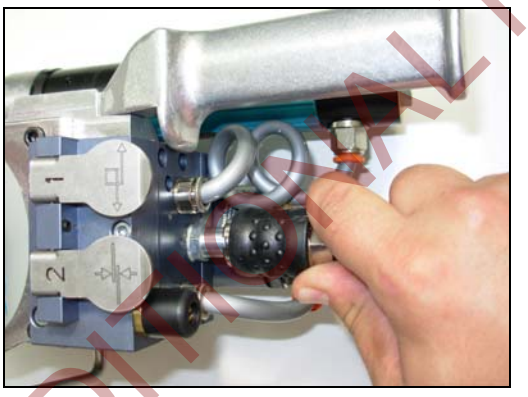
* only with clutch on tensioning

4) INSTALLATION

It is recommended to always use a dryer unit near the compressor and a filter-regulator-lubricator unit with pressure gauge (Polychem part # 200-0025) close to the tool air connection to avoid water and dirt in the valves or in the pneumatic motors. Connect the tool to air with quick connector ¼" and use minimum 8mm or 3/8" internal diameter pipe; max length for flexible pipe 10 m between tool and regulator group. Check that your compressor / air distribution plant is able to supply the right air quantity as shown in the operation manual without losing pressure.



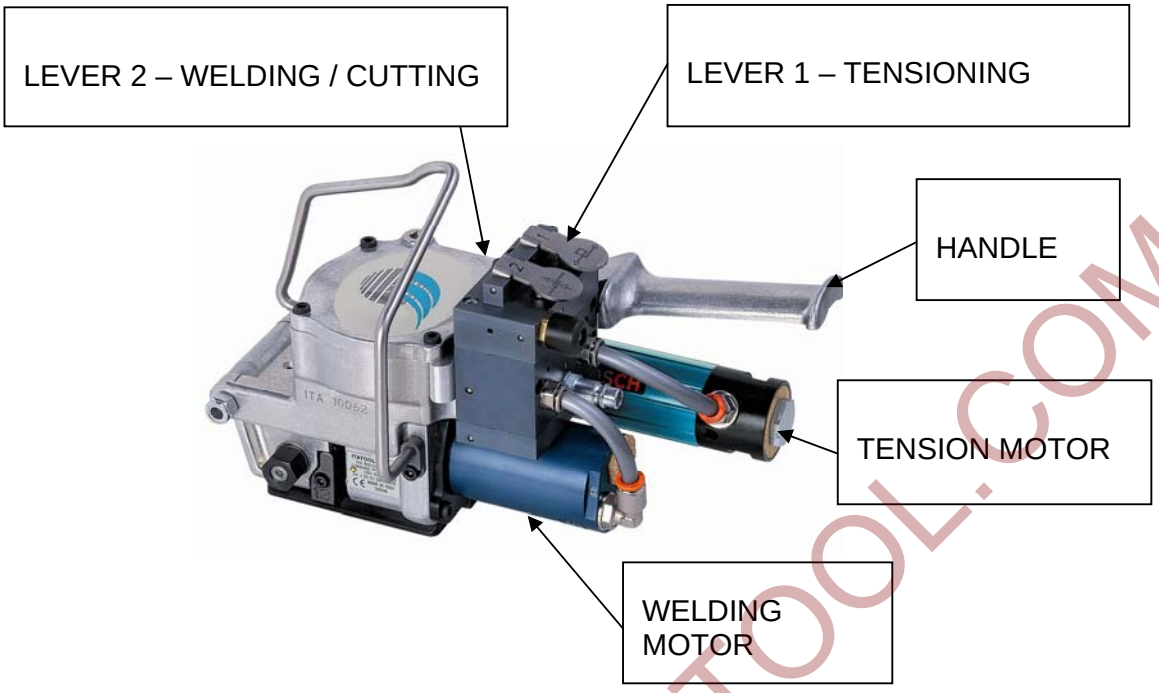
200-0025



TOOL AIR CONNECTION

5) OPERATING ELEMENTS AND / ADJUSTMENTS

DO NOT OPERATE THE TOOL WITHOUT STRAP, YOU COULD DAMAGE THE FEED WHEEL AND THE WELDING / CUTTING GROUP



Welding - cutting time adjustment

The welding time can be adjusted with a screwdriver (pic.A), depending on strap quality and dimensions. Turning clockwise will increase the time, turning counter clockwise will decrease the time

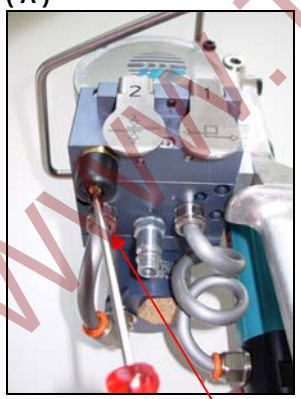
Adjusting strap tension by motor

The strap tension can be adjusted with a screwdriver on the pneumatic motor, depending on strap quality and dimensions. (pic.B). Turning clockwise will reduce the force, turning counter clockwise will increase the force – do not exceed in counter clockwise.

Adjusting strap tension by clutch

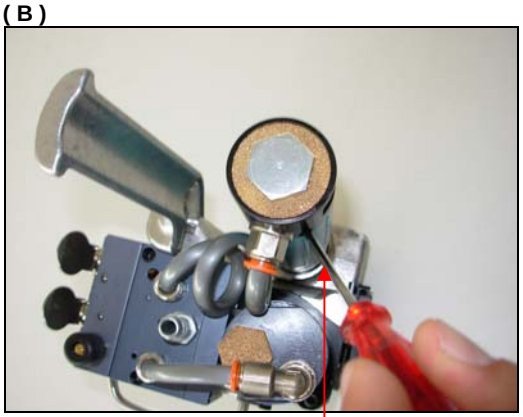
The strap tension can also be adjusted with clutch system (pic.C). Turning the nut clockwise the force will be increased, turning counter clockwise it will be reduced – do not exceed in both directions –

(A)



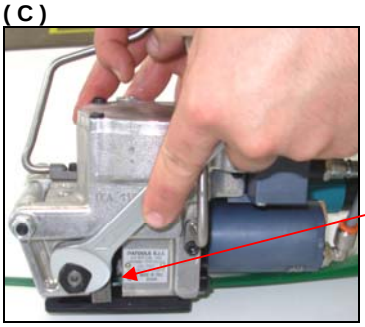
Welding time adjustment

(B)



Tension motor adjustment force

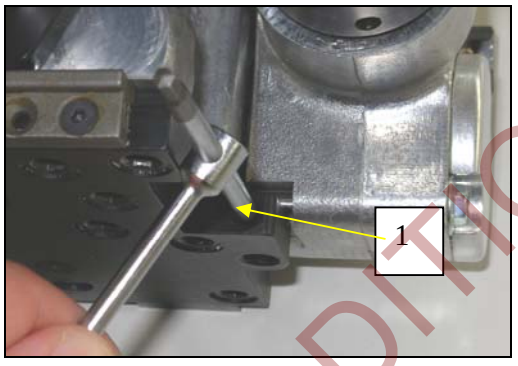
(C)



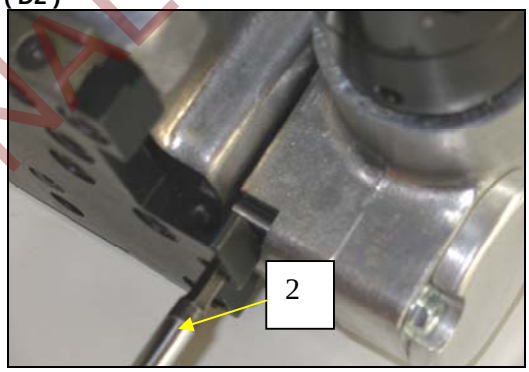
Feed Wheel gap adjustment

It is possible to adjust the gap between feed wheel and grippers in order to change the teeth pressure on strap; unscrew the locking screw 1(pic.D1) and turn screw 2 (pic.D2), clockwise the gap will be increased, counter clockwise the gap will be reduced. Screw 2 pushes against the gearbox housing pin (pic.D3). After adjusting, lock screw 1 again. The standard gap is 0.2mm (0.008") (pic.D4).

(D1)

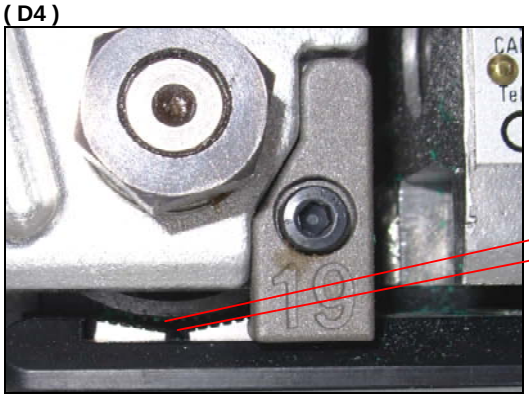


(D2)



(D3)

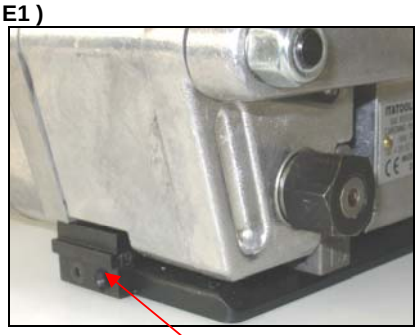
(D4)



Strap size conversion

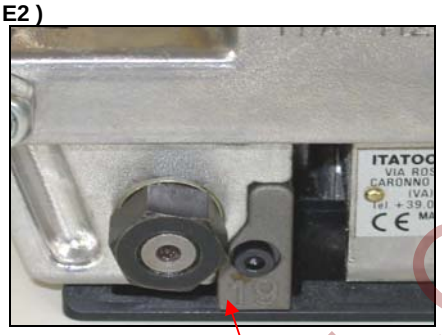
To set the tool for (13mm, ½") – (16mm, 5/8") – (19mm, ¾") strap sizes, follow the instructions below:

(E1)



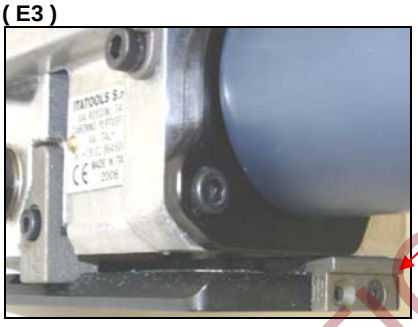
Front Strap Guide (1)

(E2)



Side Strap Guide (2)

(E3)



Rear Strap Guide (3)

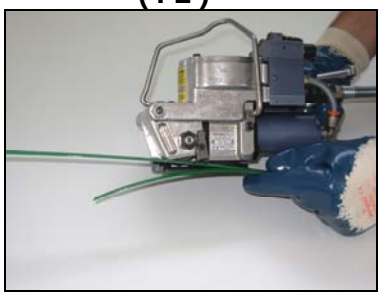
19 > 16 3/4">5/8"	Turn the strap guides 1 and 3 to 16mm 5/8" position (pic.E1-E3)- Replace the strap guide 2 with model 16mm 5/8"(pic.E2)
16 > 19 5/8">3/4"	Turn the strap guides 1 and 3 to 19mm 3/4" position (pic.E1-E3)- Replace the strap guide 2 with model 19mm 3/4"(pic.E2)
16/19 > 13 5/8"- 3/4" >1/2"	Replace the strap guides 1 and 3 with 10/13 model in 13mm 1/2" position (pic.E1-E3)- Replace the strap guide 2 with model 13mm 1/2"(pic.E2)
13 > 16/19 1/2" > 5/8"- 3/4"	Replace the strap guides 1 and 3 with 16/19 model in required position (pic.E1-E3)- Replace the strap guide 2 with required size (pic.E2)

6) OPERATION

The tool model **PHT401** is designed to strap packages with plastic strap. The strap is fed around the package manually and inserted in the tool, tensioned, cut, and friction welded by the tool. Wrap the package to be strapped with the strap, as shown in pic.F1. Open the tool by squeezing the lever and motor together with right hand and insert the two straps. Make sure they are aligned between the body and bottom plate and against the front / rear strap guides (pic.F2). Release the lever. (pic.F3).

(F1)

(F2)



(F3)

Push tension lever no.1 until required tension or maximum force (motor stalls) is reached, as shown in pic.F4, release lever no.1 and push lever no.2 (do not hold down) (pic.F5) to cut and weld the strap.

(F4)

(F5)

(F6)

WARNING

After the welding cycle wait 2-3 seconds to cool the strap before removing the tool (pic.F6)

Seal check

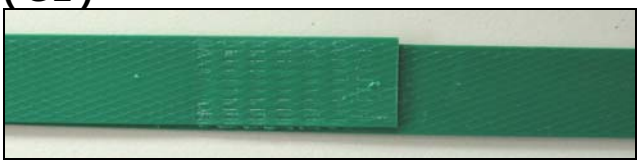
A regular seal quality control is very important and it can be checked visually as follows:

G1) Sealing time set too low

G2) Sealing time set correct

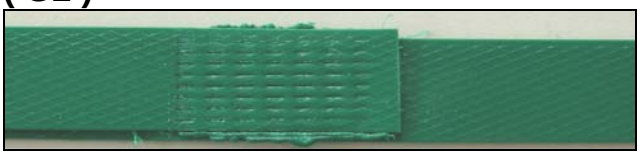
G3) Sealing time set too long

(G1)



NO – seal strength insufficient

(G2)



YES -- right

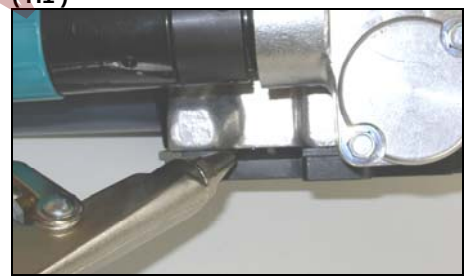
(G3)

NO – seal strength affected

7) SERVICING - CLEANING

Disconnect the air line from the tool before performing any service.
Periodically clean the tool from strap dust, particularly the feed wheel, the gripper plates and the cutter by using compressed air or wire brush (do not use other tools or objects) (pic. H1,H2)

(H1)

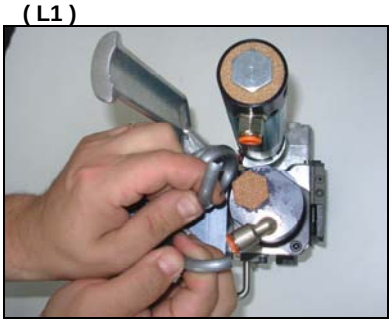


(H2)

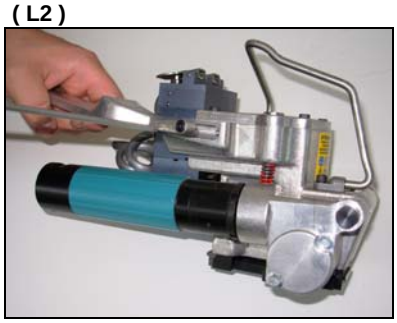
Cutter replacement

Disconnect the air pipes from welding motor and tension motor (pic.L1), remove the opening lever screw and remove the opening lever (pic.L2), remove 3 pneumatic valve screws and remove the valve (pic.L3) remove the 2 locking welding motor screws (pic.L4), remove the motor (pic.L5).Pull out the cutter spring with pliers (pic.L6), insert air into the disconnected pipe to push down the piston and free the cutter and remove it with pliers (pic.L7). Replace it and reassemble in reverse order putting grease on spring and cutter seat.

(L1)

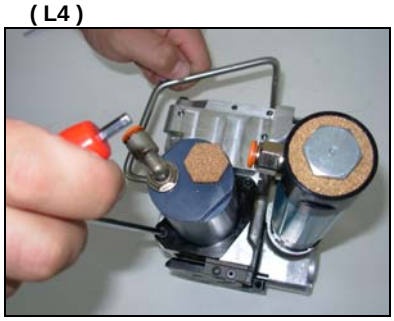


(L2)

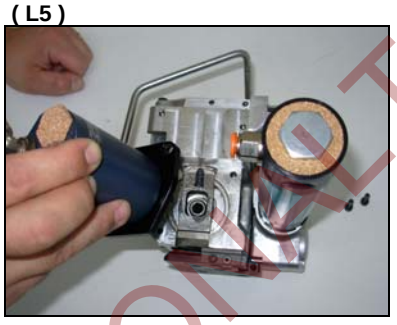


(L3)

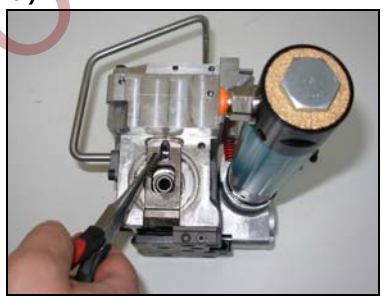
(L4)



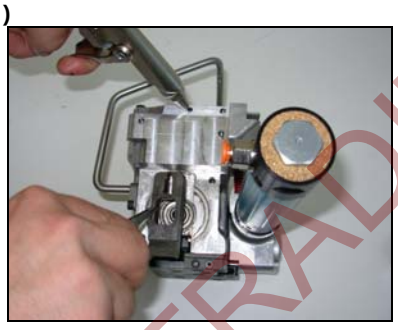
(L5)



(L6)



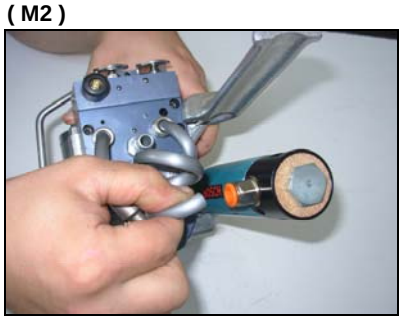
(L7)



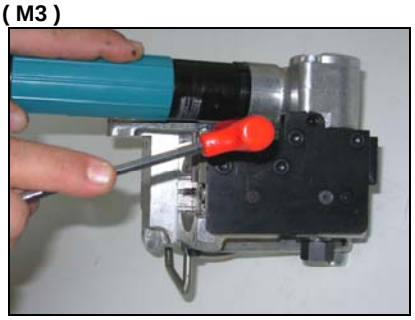
Feed Wheel replacement

(M1)

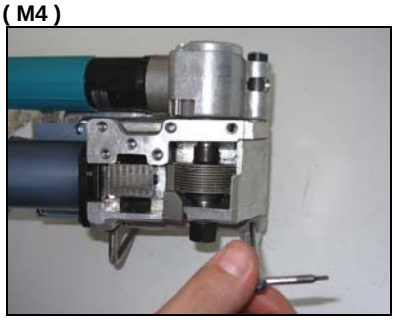
(M2)



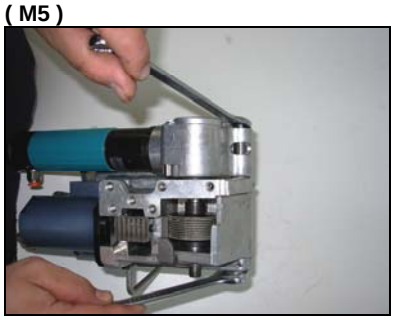
(M3)



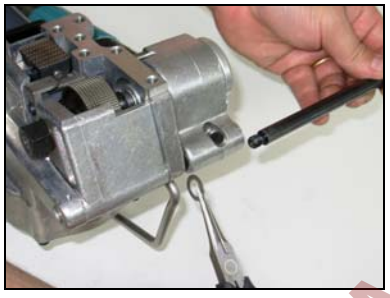
(M4)



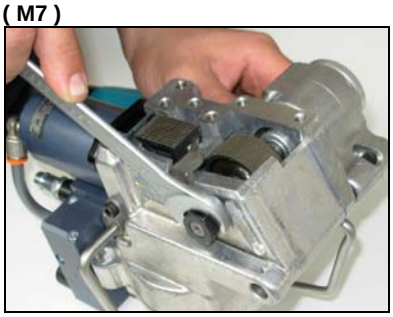
(M5)



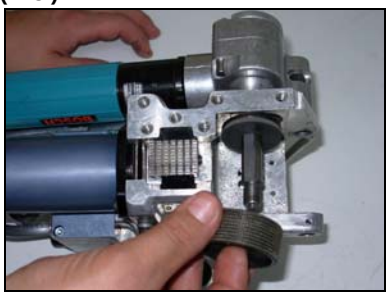
(M6)



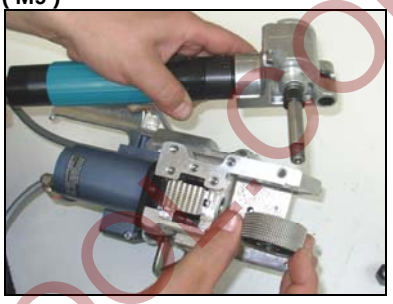
(M7)



(M8)



(M9)

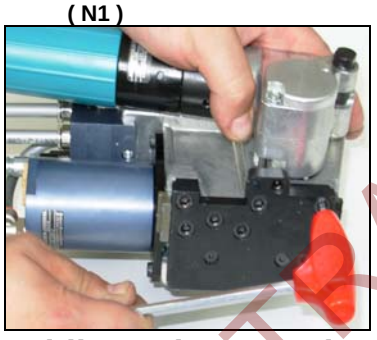


Remove the pushing spring (pic.M1), disconnect the motor pipe (pic.M2), remove the 6 bottom plate screws (pic.M3), unscrew the holding screw (pic.M4), remove the nut on connection shaft (pic.M5) and pull it out from main frame (pic.M6) pay attention to the shim. Remove the feed wheel shaft nut (pic.M7) Remove the front cover, the bush, the clutch system with the feed wheel (pic.M8); replace the worn part (pic. M9) Reassemble in reverse order.

Bottom plate grippers replacement

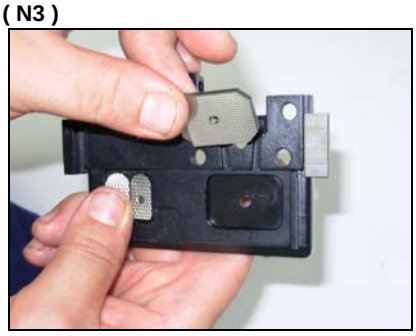
Remove the 6 bottom plate screws (pic.N1), unscrew the grippers screws (pic.N2), replace the parts (pic.N3), and reassemble.

(N1)



(N2)

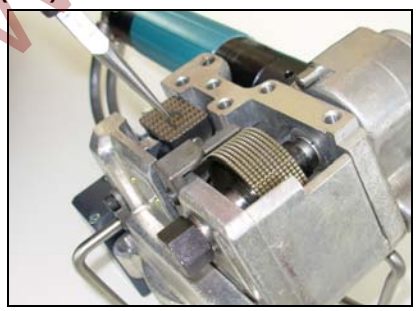
(N3)



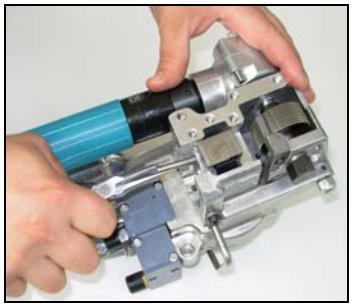
Welding gripper replacement

Remove the cutter as shown in L1 to L5 sequence, remove the bottom plate as point N1, remove the safety circlip from welding gripper pin (pic.O1), remove the pin from welding gripper (pic.O2), and replace the worn out part (fig. O3). Reassemble all parts in reverse order.

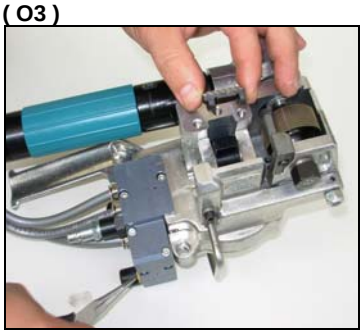
(O1)



(O2)



(O3)



8) TROUBLESHOOTING

PROBLEM
REMEDY
Insufficient strap tension
Check the following: air pressure value (min.4.5 bar), if the filter / lubricator and/or the pneumatic motor is damaged or dirty, the pneumatic circuit, tension button, connections, pipes, valve. - Check if the clutch is loose.
The feed wheel slips and mills the strap
Check if the feed wheel and grippers are dirty or damaged. Adjust the gap between feed wheel and grippers (around 0,2mm– 0.008”). Adjust the motor power—too much tension force. Check if the strap qualities are right for the strapping tool and application
The strap is breaking during tension
Adjust the motor power—too much tension force. Check if the strap qualities are right for the strapping tool and application. Check package for sharp edges.
The strap is sideways after tensioning; The seal isn’t in the middle of strap width
Adjust the motor power—too much tension force. Check if the strap qualities are right for the strapping tool and application. Check strap size; Check the strap guides for alignment.
The lower strap isn’t locked between the grippers and feed wheel so the tool goes forward during the tension
Adjust the gap between feed wheel and grippers (around 0,2mm– 0.008”). Check if the locking strap plates are dirty or damaged. Adjust the motor power.
Strap locks against itself
Adjust the gap between feed wheel and grippers (around 0,2mm– 0.008”)- try to increase the gap. Check if the strap qualities are right for the strapping tool and application.
Tool is leaking air
Check the gaskets and pipes, replace if necessary
The strap does not seal; the upper strap isn’t completely cut; the cutting is inconsistant
Improper weld time adjustment. Check if the sealing foot and the cutter are damaged or worn out. Check if the sealing foot slides on strap. Check the air pressure value. Check if the strap qualities are right for the strapping tool and application. Check if the sealing motor is locked or dirty and, the pneumatic valve - try to clean the timer valve. The cutter spring is damaged, try to replace it.
Strap is oversealed; the strap is breaking during the sealing – cutting
Improper weld time adjustment, may be too long.
During the sealing both straps are cut
Check if the gripper plate (under the sealing foot) is dirty or damaged (clean or replace it) Check if the strap is over tensioned. Improper weld timing adjustment, may be too long.
After the cycle is not possible to remove the tool from package
Check if there is too much tension. If it is not possible to remove the tool by hand, cut the strap from package and disassemble the foot from the main frame to remove the strap.
The sealing time will not remain constant
Timer valve problem, try to clean, lubricate or replace it.

9) LAYOUT-SPARE PARTS LIST

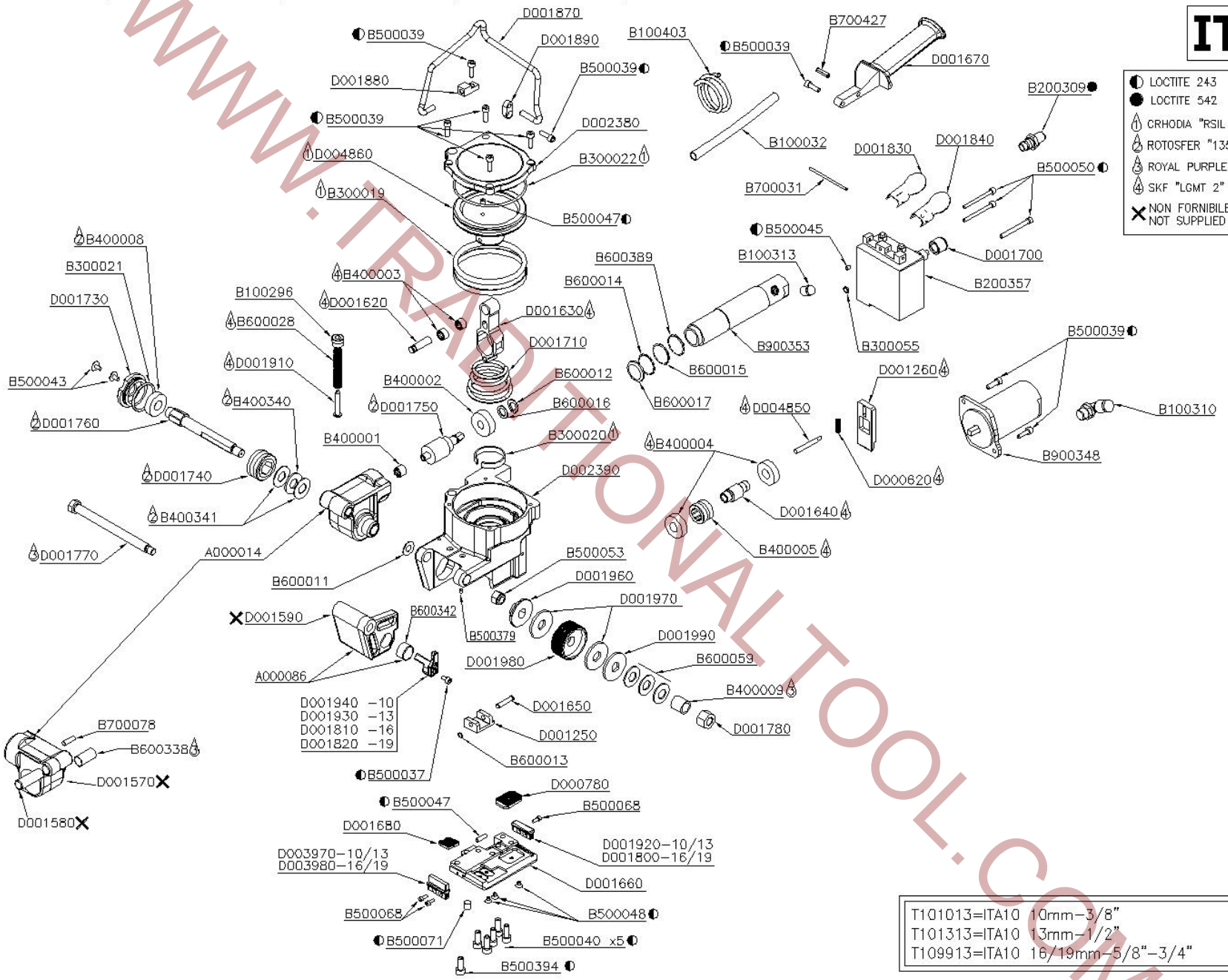
Ed. 07/09

POLYCHEM PART #	ITEM	DESCRIPTION	QNTY		
401-0042	**A000014**	ASSEMBLED GEARBOX BODY	**1**		
401-0003	**A000086**	ASSEMBLED FRONT COVER	**1**		
200-0027	**B100032**	PLASTIC PIPE 6x8	**0,09**		*
400-0021	**B100296**	GRUB SCREW 1/4" S2610 CAMOZZI	**1**		
400-0039	**B100310**	SWING ELBOW RL31 8 1/4	**1**		*
400-0094	**B100313**	AIR FITTING 1/4”	**1**		*
401-0037	**B100403**	SPIRAL PIPE 6x8	**0,25**		
400-0004	**B200309**	FAST AIR MALE CONN. APAG261.14	**1**		
400-0126	**B200357**	PNEUM.VALVE 3/2	**1**		*
400-8004	**B300019**	GASKET RING RP6287.85	**1**		
400-0019	**B300020**	GASKET 1.5X6.1 IN MTS	**0,11**		
400-0086	**B300021**	O-RING 2125 (D32)	**1**		
400-0014	**B300022**	O-RING 3300 (D85)	**1**		
400-0223	**B300055**	O-RING 2043	**1**		
400-0089	**B400001**	ROLLER BEARING BK0810	**1**		
400-0091	**B400002**	BEARING 7200BE 2RS	**1**		
400-0049	**B400003**	ROLLER BEARING HK0808	**2**		
400-0085	**B400004**	BEARING 6001 2Z	**2**		
400-0054	**B400005**	ROLLER BEARING NK1616	**1**		
400-0108	**B400008**	BEARING 6001 2RS	**1**		
400-0073	**B400009**	BUSHING RING IR 12x16x16	**1**		
401-0008	**B400340**	AXK1226 SKF	**1**		
401-0009	**B400341**	AS 1226 SKF	**2**		
400-0095	**B500037**	SCREW M4X8	**1**		
400-0038	**B500039**	SCREW UNC 10X1/2"	**9**		*
400-0044	**B500040**	SCREW M6X16	**6**		*
400-0088	**B500043**	SCREW ECOFIX M5X12 ZINC	**2**		
400-0199	**B500045**	SCREW M4X5	**1**		
401-0140	**B500047**	SCREW M5X8	**2**		
400-7135	**B500048**	SCREW M4X6	**3**		*
401-0248	**B500050**	SCREW M4X35	**3**		
400-0070	**B500053**	SELFLOCK.NUT M8 H10 DIN982	**1**		
401-2149	**B500068**	SCREW M3X8 UNI5931	**2**		
401-0011	**B500071**	SCREW M8X6 UNI5923L	**1**		
401-2028	**B500379**	SCREW STEI M4X5 UNI5923	**1**		
401-0013	**B500394**	SCREW M6X14	**1**		*
400-0102	**B600011**	WASHER PS 10x16x0.5	**1**		
400-0092	**B600012**	CIRCLIP A10 DIN471	**1**		
400-0059	**B600013**	CIRCLIP 5 UNI 7434	**1**		*
400-0103	**B600014**	WASHER PS 22x30x0,1	**VAR**		
400-0104	**B600015**	WASHER PS 22x30x0,5	**VAR**		
400-0202	**B600016**	WASHER PS 10x16x1	**1**		
400-8008	**B600028**	SPRING R10-051 ISO 10243	**1**		*
400-0077	**B600059**	CUP WASHER CB25x12.2 x 1.5	**3**		
401-0014	**B600338**	GUIDE SOCKET BM 12 14 25	**1**		
401-0015	**B600342**	GUIDE SOCKET BM 16 18 10	**1**		

POLYCHEM PART #	ITEM	DESCRIPTION	QNTY		
401-0211	**B600389**	WASHER PS 22x30x0,2	**VAR**		
400-8034	**B700031**	PIN 3x60 DIN6325	**1**		
401-0016	**B700078**	PIN 6X18DIN6325	**1**		
401-0110	**B700427**	ELASTIC PIN 5x16 UNI6874			
400-0036	**B900348**	PNEUMATIC WELD MOTOR	**1**		
401-0038	**B900353**	PNEUMATIC TENSION MOTOR	**1**		
400-0034	**D000620**	CUTTER BLADE SPRING	**1**		*
400-0063	**D000780**	LOCKING STRAP PLATE	**1**	§	*
400-0057	**D001250**	WELDING FOOT	**1**	§	*
400-0035	**D001260**	CUTTER	**1**	§	*
400-0205	**D001620**	CONNECTING ROD PIN	**1**		
400-0055	**D001630**	CONNECTING ROD	**1**		
400-8014	**D001640**	EXCENTRIC SHAFT	**1**		
400-0058	**D001650**	WELDING FOOT PIN	**1**		
401-0021	**D001660**	BOTTOM PLATE	**1**		
400-8010	**D001670**	OPENING LEVER	**1**		
400-0123	**D001680**	LOCKING STRAP PLATE	**2**	§	*
400-0067	**D001700**	WELD TIMER COVER	**1**		
400-0020	**D001710**	PISTON SPRING	**1**		
400-0087	**D001730**	GEARBOX COVER	**1**		
400-8016	**D001740**	CROWN	**1**		
400-0090	**D001750**	WORMGEAR	**1**		
400-0083	**D001760**	FEEDWHEEL SHAFT	**1**		
400-0080	**D001770**	SHAFT	**1**		
400-0100	**D001780**	SPECIAL NUT	**1**		
401-0024	**D001800**	REAR STRAP GUIDE 5/8” 3/4”	**1**		
401-0025	**D001810**	SIDE STRAP GUIDE 5/8”	**1**		
401-0026	**D001820**	SIDE STRAP GUIDE 3/4”	**1**		
401-0027	**D001830**	TENSION START LEVER	**1**		
401-0028	**D001840**	WELDING START LEVER	**1**		
401-0030	**D001870**	SUSPENSION HOOK	**1**		
400-0046	**D001880**	SIDE SUSPENSION HOOK SUPPORT	**1**		
400-0043	**D001890**	UPPER SUSP. HOOK SUPPORT	**1**		
401-0032	**D001910**	SPRING PIN	**1**		
401-0033	**D001920**	REAR STRAP GUIDE 3/8” 1/2”	**1**		
401-0034	**D001930**	SIDE STRAP GUIDE 1/2”	**1**		
401-0039	**D001940**	SIDE STRAP GUIDE 3/8”	**1**		
401-0207	**D001960**	REAR FRICTION PLATE	**1**		
400-0075	**D001970**	FRICTION PLATE	**2**	§	*
400-0076	**D001980**	FEEDWHEEL	**1**	§	*
400-0074	**D001990**	FRONT FRICTION PLATE	**1**		
401-0040	**D002380**	PISTON COVER	**1**		
401-0041	**D002390**	MAIN FRAME	**1**		
401-0035	**D003970**	FRONT STRAP GUIDE 3/8” 1/2”	**1**		
401-0036	**D003980**	FRONT STRAP GUIDE 5/8” 3/4”	**1**		
401-0209	**D004850**	CUTTER PIN	**1**		
401-0210	**D004860**	PISTON	**1**		

	§	WEARING PART
	*****	PART THAT SHOULD BE STOCKED

ITA10



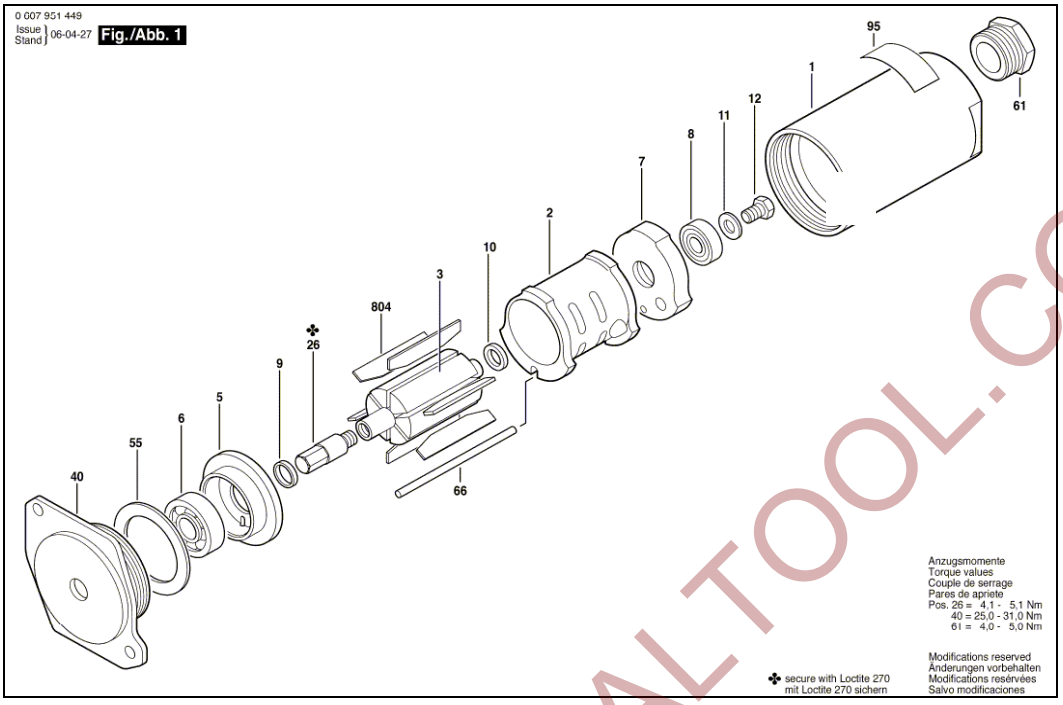
- LOCTITE 243
- LOCTITE 542
- ① CRHODIA "RSIL PATE 4"
- ② ROTOSFER "135/2 IV5"
- ③ ROYAL PURPLE "NLGI #2"
- ④ SKF "LGMT 2"
- ✕ NON FORNIBILE SINGOLARMENTE NOT SUPPLIED ALONE

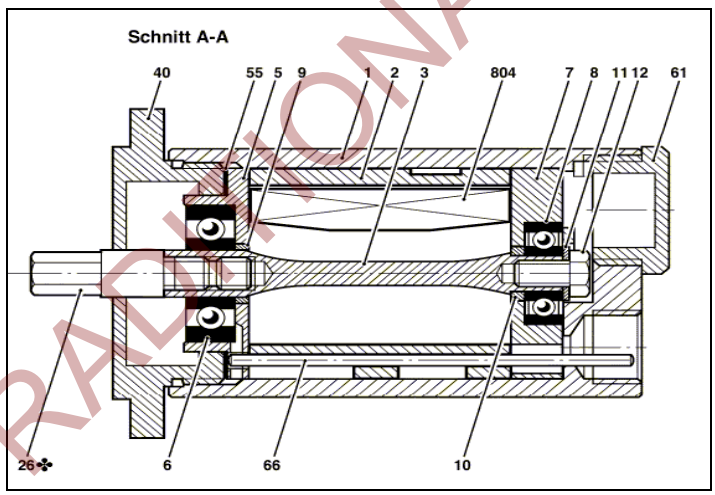
T101013=ITA10 10mm-3/8"
T101313=ITA10 13mm-1/2"
T109913=ITA10 16/19mm-5/8"-3/4"

Ed. 07/09

BOSCH 0 607 951 449 –B900348

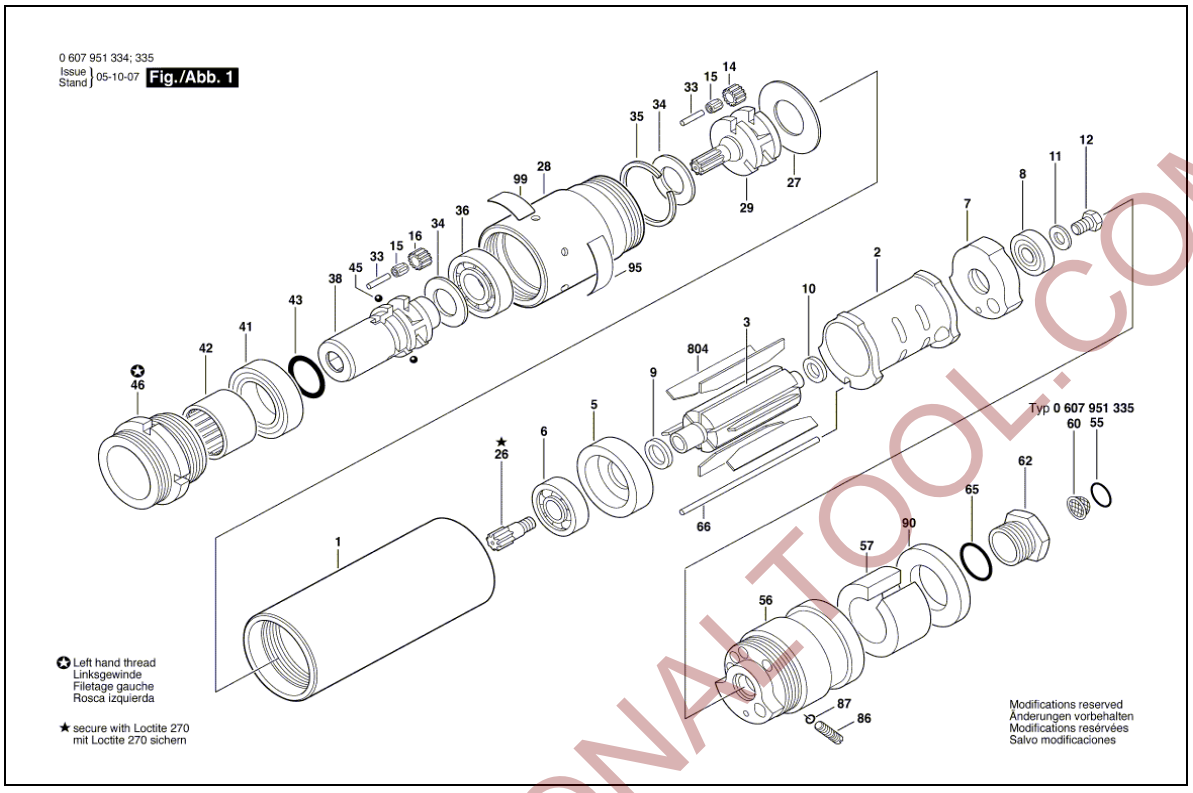
WELDING MOTOR

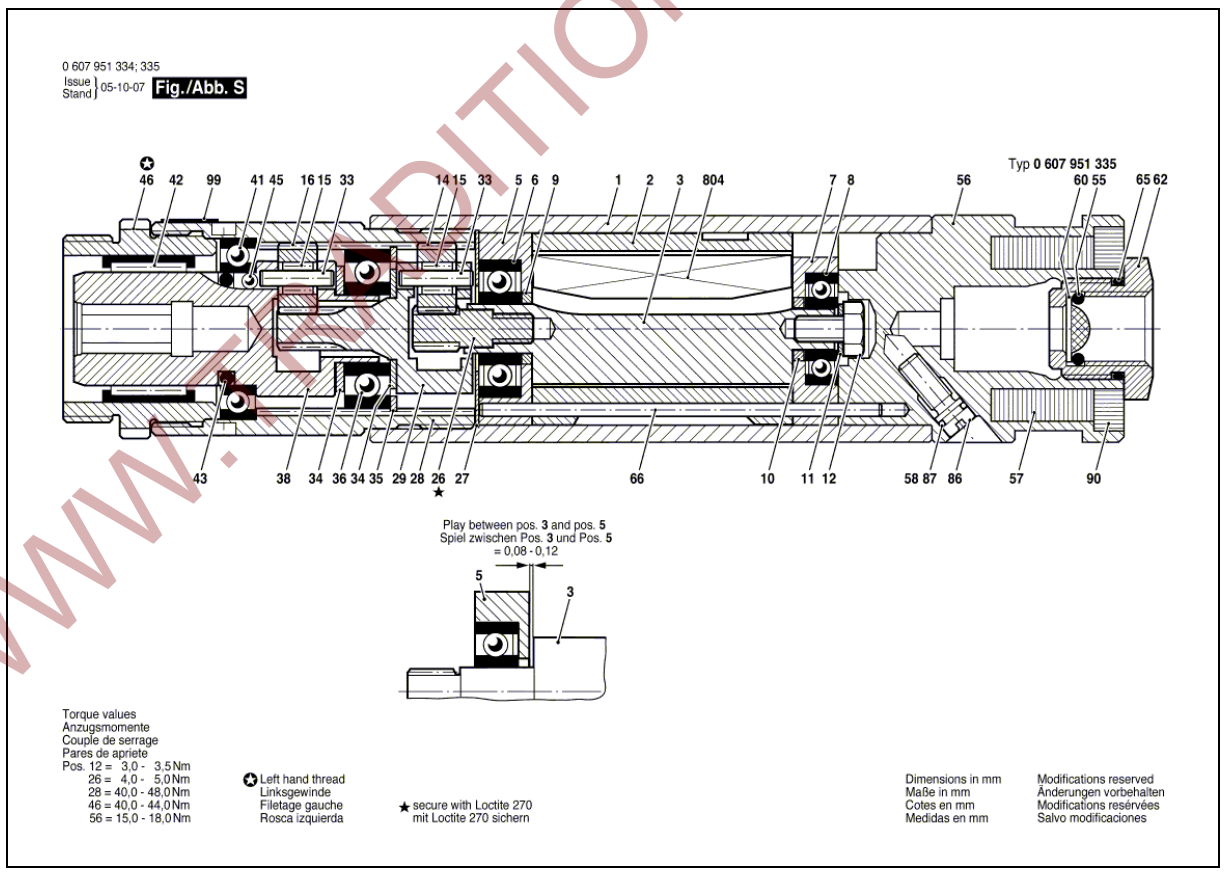




Item	Quantity	Part No.	Description
1	1	3 605 125	MOTOR HOUSING
2	1	3 604 090	STATOR / 550W
3	1	3 604 220	ROTOR
5	1	3 605 700	BEARING FLANGE
6	1	1 900 905	DEEP-GROOVE BALL BEARING / 6000-2Z/C3 DIN
7	1	3 605 700	BEARING FLANGE
8	1	1 900 905	DEEP-GROOVE BALL BEARING / DIN 625-608-2Z-C3
9	1	2 600 200	SPACER RING
10	1	3 600 202	SPACER RING
11	1	2 916 011	PLAIN WASHER / DIN 125-A5,3-ST
12	1	2 911 061	HEX SCREW / DIN 933-M5x8-8.8
26	1	3 606 337	CARRIER
40	1	3 600 390	FLANGE
55	2	3 600 100	SEALING DISC
61	1	3 603 462	SILENCER
66	1	3 604 710	STRAIGHT PIN
95	1	3 601 106	NAMEPLATE
99	1	3 601 119	REFERENCE PLATE
804	1	3 607 030	ASSEMBLY OF SERVICE PARTS / 5 PIECE

BOSCH 0 607 951 445 –B900353
TENSION MOTOR

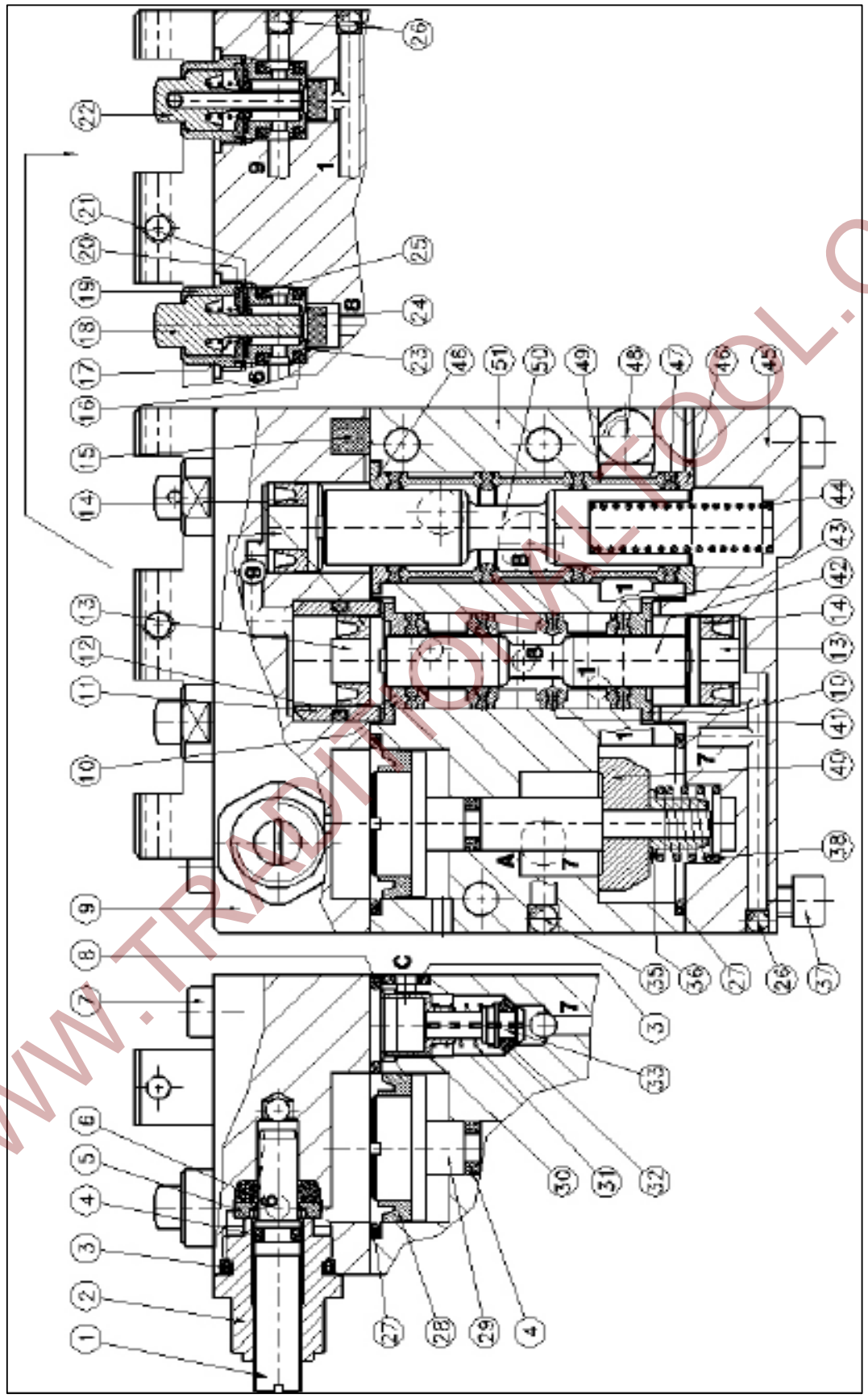




SPARE PARTS LIST B900353

#	QNTY	CODE	DESCRIPTION
1	1	3 600 760 114	MOTOR HOUSING / BLUE
2	1	3 604 090 003	STATOR / 370W
3	1	3 604 220 025	ROTOR
5	1	3 605 700 005	BEARING FLANGE
6	1	3 600 905 039	DEEP-GROOVE BALL BEARING / 9x24x7mm
7	1	3 605 700 007	BEARING FLANGE
8	1	3 600 905 148	DEEP-GROOVE BALL BEARING / DIN 625-7x19x6
9	1	2 600 202 013	SPACER RING
10	1	2 600 202 014	SPACER RING
11	1	2 916 011 012	PLAIN WASHER / DIN 125-A5,3-ST
12	1	2 911 061 150	HEX SCREW / DIN 933-M5x8-8.8
14	3	3 606 316 000	CYLINDRICAL GEAR / Z=12
15	6	3 600 913 000	NEEDLE-ROLLER ASSEMBLY / INA K3x5x7
16	3	3 606 316 002	CYLINDRICAL GEAR / Z=18
26	1	3 606 300 002	PINION / Z=23
27	1	3 600 101 001	STOP DISC
28	1	3 606 334 000	RING GEAR / Z=49
29	1	3 606 337 207	PLANETARY-GEAR CARRIER
33	6	3 603 201 000	NEEDLE ROLLER
34	2	3 600 103 002	SHIM RING
35	1	3 600 224 000	RETAINING RING
36	1	1 900 900 287	DEEP-GROOVE BALL BEARING / 6001 DIN 625
38	1	3 606 337 206	PLANETARY-GEAR CARRIER
41	1	3 600 905 145	DEEP-GROOVE BALL BEARING
42	1	3 600 910 018	FREEWHEELING
43	1	1 900 210 113	O-RING / 15x2,5 mm
45	3	1 903 230 004	BALL / DIN 5401-3 MM-III-ST
46	1	3 603 344 056	THREADED RING
56	1	3 605 190 190	VALVE HOUSING
57	1	3 601 010 002	SILENCER
62	1	3 603 458 019	FITTING
65	1	3 600 210 036	O-RING / 16x1,25 mm
66	1	3 604 710 051	STRAIGHT PIN
86	1	3 603 435 032	ADJUSTING SCREW
87	1	3 600 210 015	O-RING / 4x1 mm
90	1	3 600 105 002	SILENCER
95	1	3 601 106 047	NAMEPLATE
96	1	3 601 110 331	MANUFACTURER'S NAMEPLATE
99	1	3 601 119 236	REFERENCE PLATE
804	1	3 607 030 249	ASSEMBLY OF SERVICE PARTS

B200357 PNEUMATIC VALVE



SPARE PARTS LIST B200357

#	CODE		DESCRIPTION	QNTY
1	10.077.0		NEEDLE	1
2	12.002.1		REGULATOR NIPPLE	1
3	OR 2043		OR 2043	2
4	OR 102		OR 102	2
5	12.103.1		GASKET HOLDER REG.908	1
6	5x3x11		OR NBR 70 5x3x11	1
7	M4x20		SCREW M4x20 UNI 5931	3
8	OR 110		OR 110	1
9	10.106.1		CONTROL	1
10	00.008.0		GASKET HOLDER Ø15,5 - 1/8	2
11	00.046.0		REDUCTION	1
12	OR 2050		OR 2050	1
13	00.013.0		PISTON Ø12	3
14	00.018.0		LIP GASKET Øe12	3
15	00.021.0		SINTERED	1
16	OR 105		OR 105	2
17	08.006.0		BUTTONS SPRING	2
18	08.023.1		BUTTON	1
19	08.013.1		BUTTON GUIDE	2
20	08.008.0		GASKET HOLDER	2
21	08.007.N		OR WITH MEMBRANE Ø2,6	2
22	08.010.1		BUTTON	1
23	08.004.0		SPACER	2
24	1/82/M		SHUTTER SH75	2
25	OR 106		OR 106	3
26	SF 1/8		SPHERE 1/8 AISI 420 grade B	8
27	OR 2081		OR 2081	2
28	01.014.0		GASKET HOLDER Øe20	1
29	10.043.0/S		PISTON Ø20 WITH SUTTLE WITHOUT SCREW	1
30	11.001.0		SHUTTER GUIDE	1
31	11.004.0		SPRING	1
32	OR 101		OR 101	1
33	10.017.0		SHUTTER HOLE Ø0,5	1
34	OR 2010		OR 2010	1
35	SF 5/32		SPHERE 5/32 AISI 420 grade B	2
36	03.025.0		GUIDE SPRING	1
37	M4x12		SCREW M4x12 UNI 5931	2
38	01.036.0		UNDERPISTON SPRING	1
39	SF 3/32		SPHERE 3/32 AISI 420 grade B	1
40	03.032.0		SHUTTER	1
41	00.001.0		GASKET 1/8	4
42	00.010.0		3 WAY SHUTTLE 1/8	1
43	00.002.0		SPACER 1/8	3
44	01.047.0		SPRING	1
45	10,164,1		BOTTOM PLATE	1
46	01.013.0		GASKET HOLDER Ø17,4 - 1/4	2
47	01.002.0		GASKET 1/4	4
48	SF 9/32		SPHERE 9/32 AISI 420 grade B	1
49	01.001.0		SPACER 1/4	3
50	01.011.1		3 WAY SHUTTLE 1/4	1
51	10.105.1		BODY	1
52	OR 102		OR 102	1
53	00,407,0		PIPI CARTRIDGE	2
54	20,000,0		PISTON Ø8	1
55	DE08		DE 08	1
56	OR110		OR 110	1
57	20.002.0		CYLINDER BODY Ø8	1

58	20.001.0		STEM	1
59	20.004.0		SPRING	1

CE DECLARATION OF CONFORMITY

Polychem Corporation declares under own responsibility that the under mentioned machinery, to which this declarations refers, is in conformity with **2006/42/CE** Directive and successive modifications, as well as with standards **EN12100-1 / EN12100-2.**

MODEL:
PHT401

MACHINE TYPE:

PNEUMATIC PLASTIC STRAPPING TOOL