

OPERATION MANUAL – SPARE PARTS LIST

SP6119 / SP6132

PNEUMATIC SEALER FOR STEEL STRAP WITH SEAL JOINT



CE

POLYCHEM

READ ALL INSTRUCTIONS BEFORE OPERATING THE TOOL

Ed. 10/11

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1) SAFETY INSTRUCTIONS



READ THE OPERATING INSTRUCTIONS CAREFULLY



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



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 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:	12.6"
Width:	5.5"
Height:	7"
Weight:	6.4lbs

AIR REQUIREMENTS	
Pressure Range:	78-99 psi

CHART OF TYPES

ITEM	MODEL	STRAP	THICKNESS
T451901	SP6119	R 850N/mm2 R 1100N/mm2	0.024" – 0.039" 0.025" – 0.031"
T453201	SP6132	R 850N/mm2 R 1100N/mm2	0.024" – 0.039" 0.025" – 0.031"

3) WARRANTY CONDITIONS AND LIABILITY

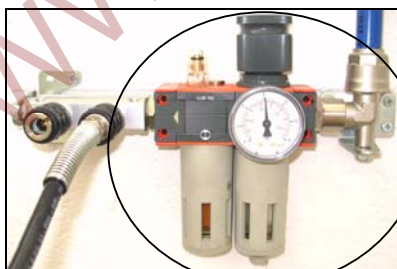
POLYCHEM warrants all its tools during a period of 4 months from the shipping date document. Warranty includes free replacement of faulty parts ex works. The warranty is not valid in case of improper use, lack of maintenance, tampering, arbitrary modifications and reparations, use of non original parts, disregard of instructions of the operation manual, and missing serial number. The warranty excludes the wearing parts shown on spare parts list.

No compensation can be claimed for production shutdowns and for damages to people and objects due to tools defects. POLYCHEM Corporation reserves the right to modify the tools and documentation without any obligation to update previous ones.

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 1/4" 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

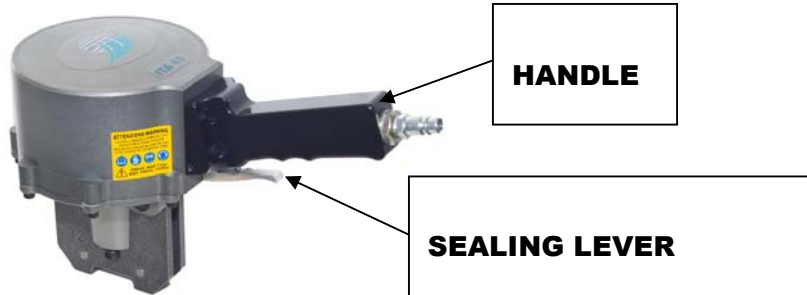
TOOL AIR CONNECTION



200-0025



5) OPERATING ELEMENTS AND ADJUSTMENTS



OPTION: The operator can change the position of the jaw to seal at 45° or 90°. Disconnect the sealer from the air supply, then remove screws (part # 401-0141) (see the SPARE-PARTS LIST) .After removing the screws, turn the jaw to desired position and reinstall the screws.

6) OPERATION

Place the jaw of the sealer on top of the seal and pull the sealing lever (it's possible to repeat this operation to make more than one notch on the same seal) (**fig.C1**). It's important to check the depth of the notch in order to obtain a good seal joint (**fig. C2**).

(C1)



(C2)



7) TROUBLESHOOTING

PROBLEM
REMEDY
The notch of the seal is insufficient
Check if the strap and the seal are right for the pneumatic sealer. Check the air pressure (min.78 psi) and check if the filter lubricator group is damaged or dirty. Check if there are some broken or worn parts in the sealing group.
The tool has an air leak
The gaskets may need replacing (contact the after sale service). Check the air fitting for tightness.
The sealing lever is locked and the sealing jaw is closed
The sealing lever spring may need replaced (contact the after sale service).

8) SPARE PARTS LIST

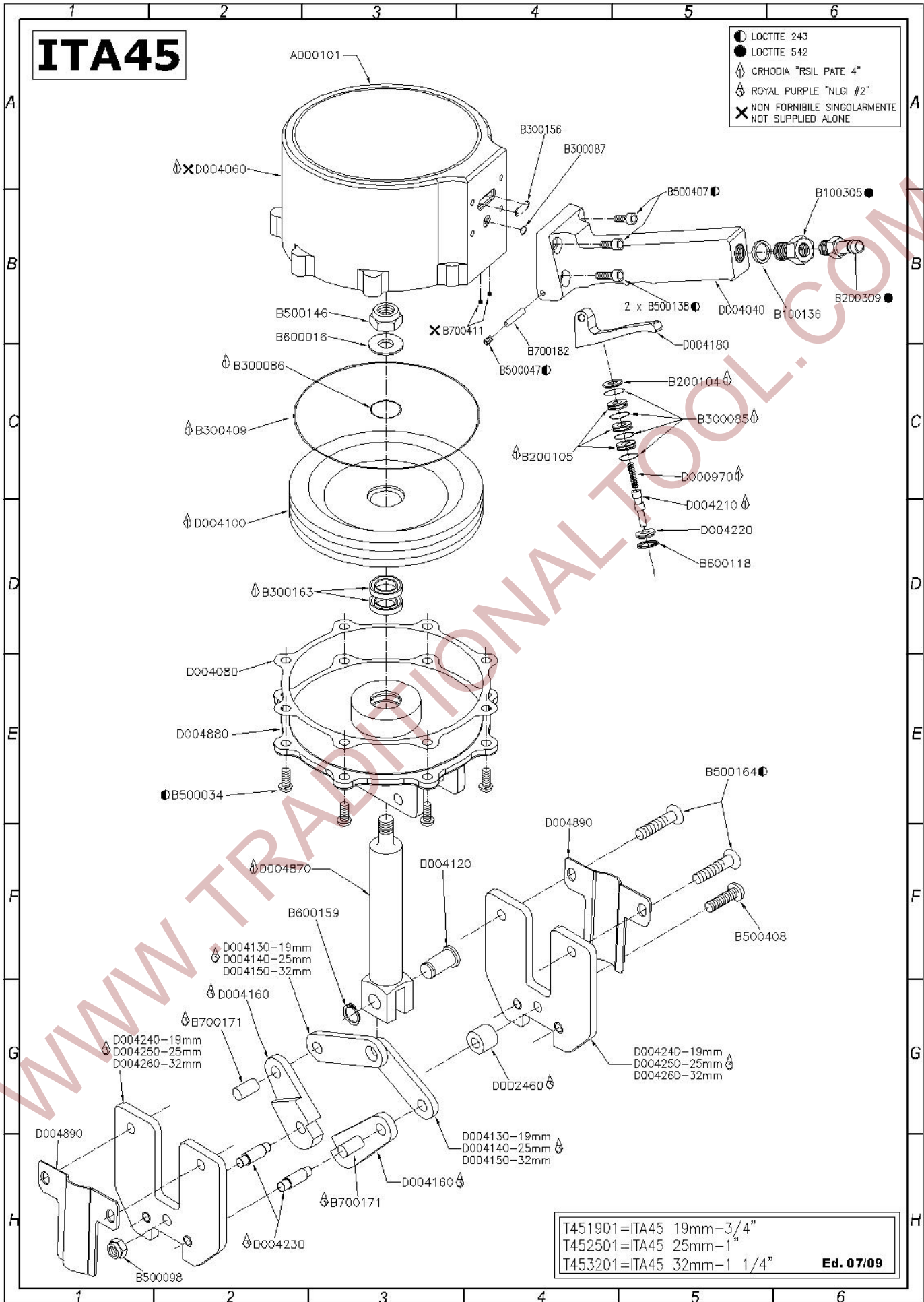
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POLYCHEM PART NUMBER	ITEM	DESCRIPTION	QNTY		
401-0247	A000101	CYLINDER GROUP	1		
401-0224	B100136	ALLUMINIUM GASKET 5/8"	1		
401-0225	B100305	REDUCER 3/8"-1/4"	1		
401-0114	B200104	BASE LANTERN CAMOZZI 458-3319 VALVE	1		
401-0116	B200105	MIDDLE LANTERN CAMOZZI 458-3319 VALVE	3		
400-0004	B200309	AIR FITTING 1/4"	1		
401-0115	B300085	GASKET OR 20x2	4		
401-0109	B300086	GASKET OR 108	1		
401-0086	B300087	GASKET OR2018	1		
401-2115	B300156	GASKET OR2056	1		*
401-2116	B300163	SEALING RING PR20	2		*
401-0167	B300409	GASKET OR6450/195	1		
401-0141	B500034	SCREW T.C.E.I. UNC10-24x5/8"	8		
401-0140	B500047	SCREW S.T.E.I. M5x8 UNI5925	1		
401-0227	B500098	LOCKNUT M8 DIN985	1		
401-0228	B500138	SCREW T.C.E.I. UNC 1/4x5/8"	2		*
401-0229	B500146	LOCKNUT M10x1	1		*
401-0180	B500164	SCREW T.S.E.I. M8x45 UNI5933	2		
401-0230	B500407	SCREW T.C.E.I. UNC 1/4x1/2"	2		
401-0231	B500408	SCREW T.B.E.I. M8x30 ISO7380	1		*
400-0202	B600016	WASHER Ø10x16x1	1		
401-0135	B600118	INTERNAL SEEGER J20 DIN472 R150	1		
401-2036	B600159	SEEGER A12 UNI7435 R150	1		*
401-0166	B700171	CYL.ROLLER TMP. Ø8x10	2		
401-0233	B700182	CYL. PIN TMP Ø4x24 DIN6325	1		
401-0132	D000970	VALVE SPRING	1		*
401-0234	D002460	SPACER 10mm	1		
401-2117	D004040	HANDLE	1		
401-2118	D004080	CYLINDER GASKET	1		
401-0236	D004100	PISTON	1		
401-0238	D004120	PISTON PIN	1		
401-0239	D004130	SEALER LINK 19mm	2		
401-0241	D004150	SEALER LINK 32mm	2		
401-0119	D004160	JAW	2	§	
401-0242	D004180	LEVER	1		
401-0133	D004210	STEM VALVE	1		
401-0134	D004220	VALVE GUIDE	1		
401-0175	D004230	JAW ROTATION PIN	2		
401-0152	D004240	JAW PLATE 19mm	2		
401-0120	D004260	JAW PLATE 32mm	2		
401-0312	D004870	PISTON PIN	1		
401-0313	D004880	CYLINDER BASE	1		
401-0314	D004890	PROTECTION COVER	2		

	§	WEARING PART		
	*	PART THAT SHOULD BE STOCKED		

ITA45

- LOCTITE 243
- LOCTITE 542
- ⊕ CRHODIA "RSIL PATE 4"
- ⊕ ROYAL PURPLE "NLGI #2"
- ✕ NON FORNIBILE SINGOLARMENTE
NOT SUPPLIED ALONE



T451901=ITA45 19mm-3/4"
 T452501=ITA45 25mm-1"
 T453201=ITA45 32mm-1 1/4"
Ed. 07/09

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:
Series SP6119 / SP6132



MACHINE TYPE:
PNEUMATIC STEEL STRAPPING TOOL SEAL JOINT

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