

pinza e tenditore pneumatici / pneumatic tensioner and sealer



libretto d'istruzione - uso /

instruction manual - use

modelli / models : TTP / PP DGT

CE

joint system

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1 Technical Data TTP

Weight:	4,35 kg
Dimensions:	l = 320 mm w = 120 mm h = 140 mm
Max. air pressure:	6 bar
Tensioning force:	8000 N
Air consumption:	0,6 m ³ /min

Steel strap

Strap widths:	19, 25, 32 mm
Strap thickness:	0,8 – 1,0 mm

Sealing sleeves: overlap



2 Technical Data PPDGT

Weight:	4,5 kg
Dimensions:	l = 340 mm w = 150 mm h = 285 mm
Max. air pressure:	6 bar
Seal:	overlap
Sealing sleeves:	overlap

Steel strap

Strap widths:	19, 25, 32 mm
---------------	---------------

Standard quality

Strap thickness:	0,8 – 1,0 mm
Tensile strenght:	to approx. 900 N/mm ²

High strenght quality

Strap thickness:	0,8 mm
Tensile strenght:	to approx. 1100 N/mm ²



3 GENERAL

These operating instructions are meant to facilitate becoming familiar with the units and their intended use. These operating instructions include important notes on how the units can be exploited safely, in a technically-competent way and economically. Meeting instructions helps avoid risks, reduce repairs and downtimes and increase the reliability and life of the units.

These operating instructions must be available at the location of the units. They must be read and used by all persons working with the units. Those works especially include operation, troubleshooting and maintenance.

Apart from the operating instructions and the regulations for the prevention of accidents applicable in the user's country and at the place of location the acknowledged rules for safety-related and technically competent working have to be observed.



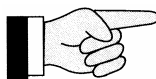
Caution!

Is used in case of risks of life and health.



Attention!

Is used in case of risks which might cause damage to objects.



Note!

Is used for general notes as well as such whose disregard might occur in the operational process.

3.1 NOTE ON ENVIRONMENTAL PROTECTION

No substances detrimental to health, physical or chemical substances are used for the manufacture of the units. Waste disposal is subject to the applicable legal regulations.

4 Safety regulations

Intended use

These units are meant for the strapping of packages and loads on pallets. The units were developed and constructed for safe handling during strapping operations. The units are meant for strapping operations with steel strap for packing.

Potential abuse

Strapping operations with plastic strap is not allowed with these units.

Applied standards and specifications:

"Machine safety" DIN EN ISO 12100-1, DIN EN ISO 12100-2
pr DIN EN 1010 "Safety-related requirements to be met for the design and construction of printing and paper processing machinery" (7.93)



Inform yourself!

Carefully read the operating instructions before the use of the unit.



Caution:

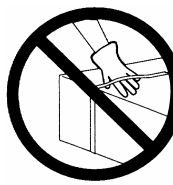
Risk of squeezing!

Do not let your fingers get in the area of the tensioning wheel.



Protect yourself!

Wear eye, face and hand protection (cut-resistant gloves) during working.



Attention: Only strap packing items!

During strapping operations no hands and other parts of the body may get between the strap and the packing item.



Attention:

Strap may tear!

Strap may tear during tensioning! Do not stand in the line of the strap.



Attention!

Never let your fingers get into the sealing area!

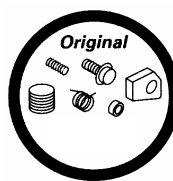


Strap snaps open!

When cutting the strap hold the upper part and stand aside.

Attention:

The lower part of the strap will snap upwards.



Only use original Joint System-spare parts!

The use of spare parts not made by js excludes guaranteed performances and liability.

6. Operating

1

Pull steel strap out of the dispenser through the sealing sleeve and put it around the packing item. Again slip the beginning of the strap through the sealing sleeve and bend it.

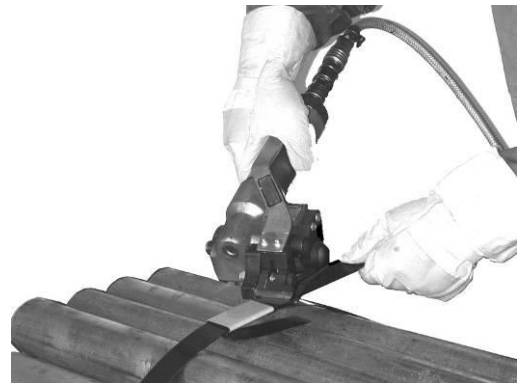
1



2

Take the jack (TTP) in your right hand and open it by pressing the lever. Then slip it on the steel strap from the right to the left acc. to the photo. Release the lever and tension the steel strap by turning the turning valve to the left. The tension of the strap desired (max. 6 bar) is achieved by the control of the air pressure on the pressure gauge of the maintenance unit.

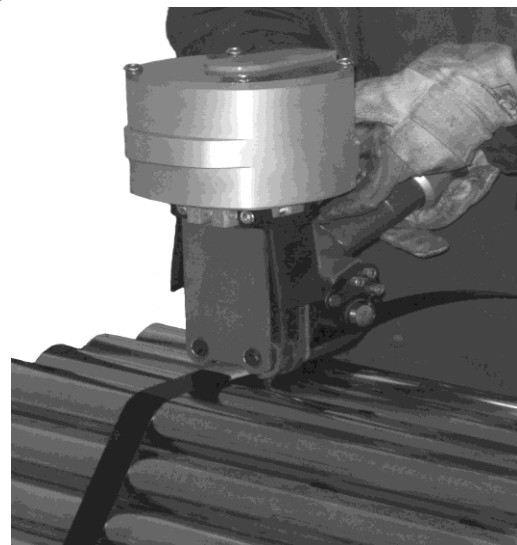
2



3

Position the pneumatic sealing tongs (PPDGT) on the sealing sleeve (as shown in the photo) and notch the sealing sleeve by the actuation of the joining lever. At the same time the joining lever snaps in automatically. Releasing is done automatically after the notching of the seal and of the steel strap have been completed. Interruption of the joining process is possible at any time by pushing the STOP key. During the sealing operation the air feed at the tensioning jack must not be stopped (tensioning jack is without self-locking device).

3



4

Upon completion of the seal deposit the locking device and tilt the jack, as shown in the photo, upwards until the steel strap breaks before the sealing sleeve.

Again, the air supply must not be stopped. Then, turn off the air feed and separate the tension jack from the steel strap again by pressing the lever.

4

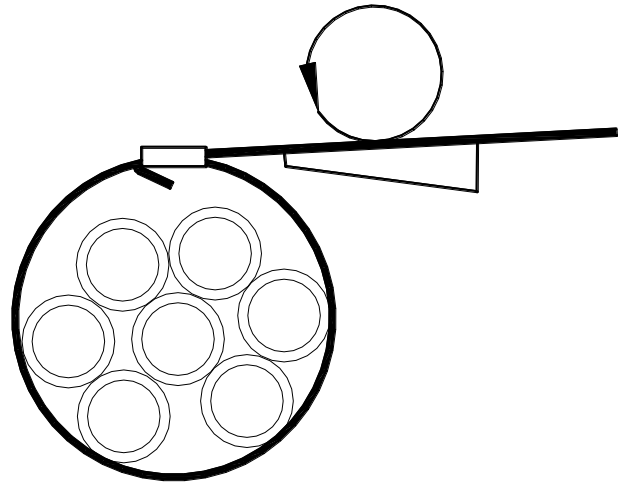


5

Sketch

Course of strap

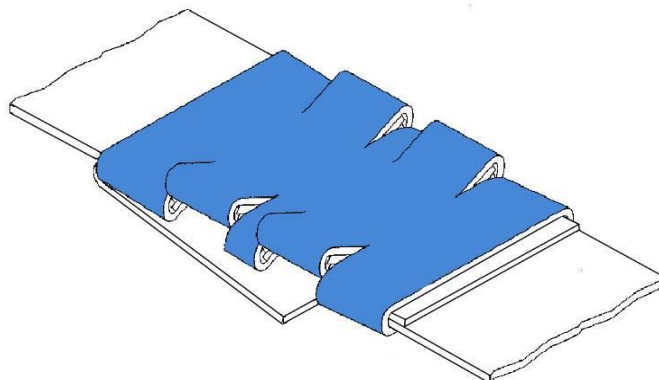
5



The following picture shows a correctly carved seal.

Check the seals regular

for crackings on the sleeve and
for neat cutting edges.

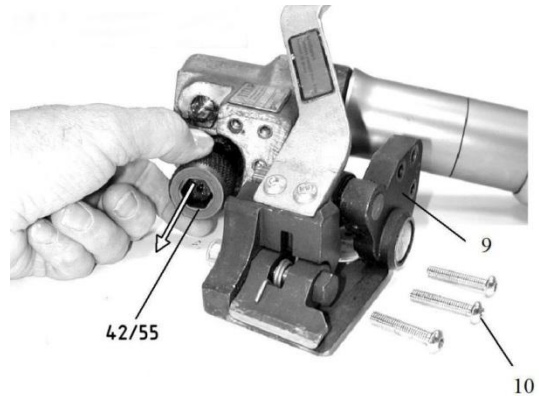


6 Maintenance Instructions

7.1. Change of the tensioning wheel

Loosen the 3 fastening screws (10) and remove the bearing plate (9). The tensioning wheel (42/55) can be accessed and removed from the transport shaft.

Mounting in reverse order.

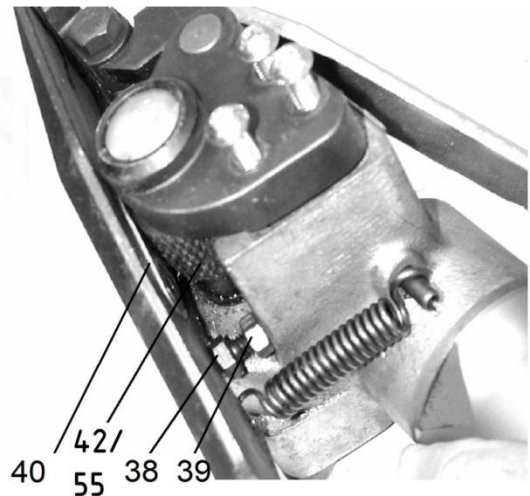


7.2. Setting the clearance

After the installation of the new tensioning wheel (42/55) the clearance between wheel and guide plate (40) must be checked and, if required, readjusted.

Setting is performed by means of the setting screw (38). For that purpose, loosen the counternut (39).

The clearance between the tensioning wheel and the guide plate should be 0,2 mm.



7.3. Cleaning and maintenance

Dirt and abrasion impair the function of the units.

Therefore, all units should be air-cleaned with compressed air in the area of the strap guidance, notching cutters, tensioning wheel and joints after being used and, following that, be wetted with resin-free thin spray oil.

Tool inspection!

Perform a **daily** visual inspection of the outside of the unit. The early detection of damaged parts extends the life of the unit. Replace all damaged parts **immediately** with Original joint system spare parts.

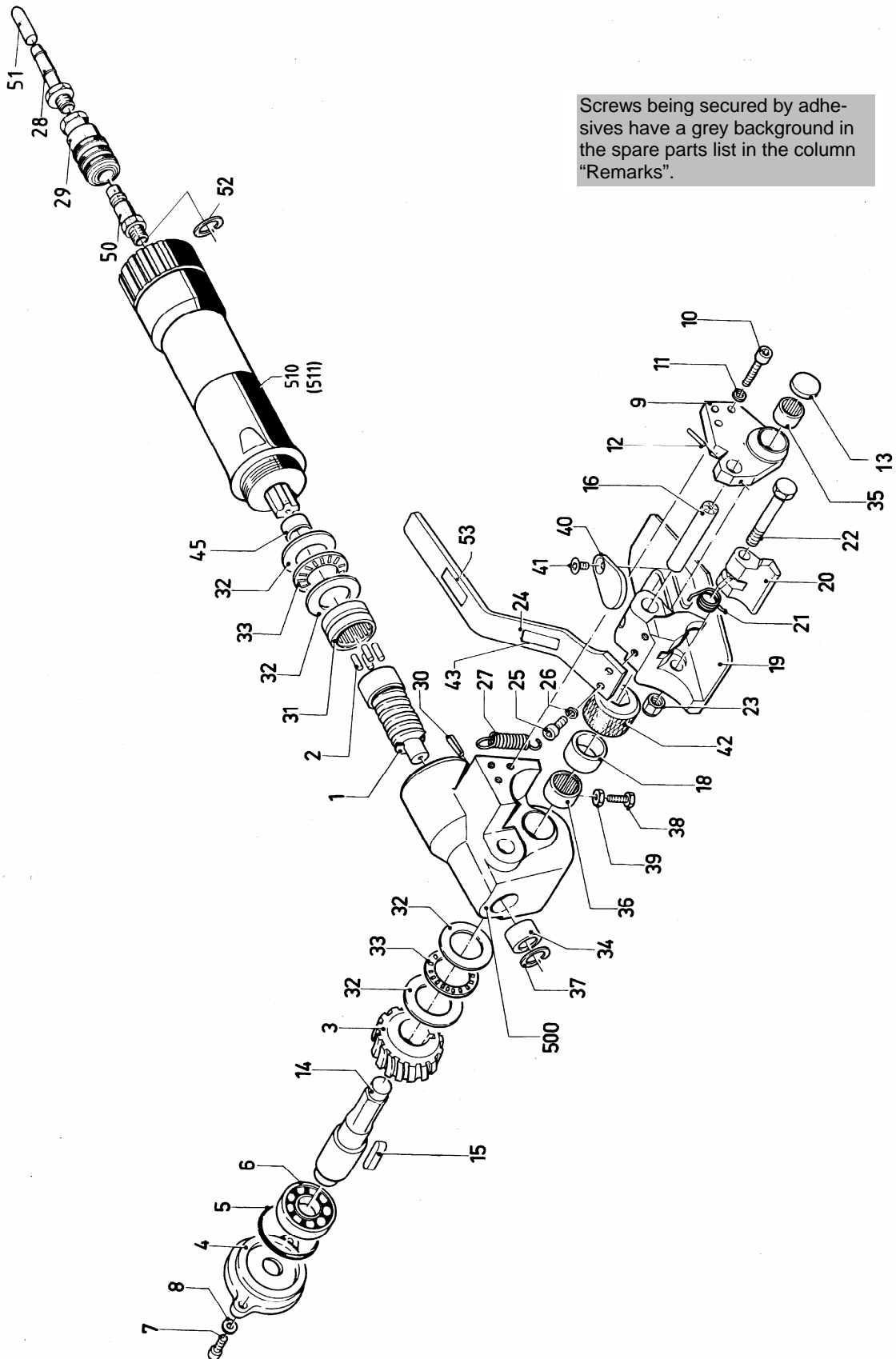
7 Spare parts list TTP

Pos.	Bestell- Nr.	Benennung	Abmessung	Stück	Bemerkung
1	4545179 - 1	Schnecke		1	
2	4545179 - 2	Zylinderstift	4m6 x 12	4	
3	4545179 - 3	Schneckenrad		1	
4	4545179 - 4	Getriebedeckel		1	
5	4545179 - 5	Runddichtring	45 x 1,5 B	1	
6	4545179 - 6	Rillenkugellager	16003	1	
7	4545179 - 7	Zylinderschraube	M6 x 16	3	Loctite 242
8	4545179 - 8	Sicherungsscheibe	S6	3	
9	4545179 - 9	Lagerschild		1	
10	4545179 - 10	Zylinderschraube	M6 x 25	3	Loctite 242
11	4545179 - 11	Sicherungsscheibe	S6	3	
12	4545179 - 12	Spannhülse	3 x 20	1	
13	4545179 - 13	Verschlussscheibe	20	1	
14	4545179 - 14	Transportwelle		1	
15	4545179 - 15	Paßfeder	A6 x 6 x 20	1	
16	4545179 - 16	Gelenkbolzen		1	
18	4545179 - 18	Distanzbüchse		1	
19	4545179 - 19	Spannkörper		1	
20	4545179 - 20	Knickleiste		1	
21	4545179 - 21	Drehfeder		1	
22	4545179 - 22	Paßschraube	M8 x 55	1	
23	4545179 - 23	Mutter	M8	1	
24	4545179 - 24	Griff		1	
25	4545179 - 25	Zylinderschraube	M6 x 12	2	Loctite 242
26	4545179 - 26	Sicherungsscheibe	S6	2	
27	4545179 - 27	Zugfeder		1	
28	4545179 - 28	Tülle	G 3/8" PK 9	1	Loctite 242
29	4545179 - 29	Schnellkupplung	ARO	1	
30	4545179 - 30	Spannhülse	5 x 24	1	
31	4545179 - 31	Nadellager	NK 2616	1	
32	4545179 - 32	Wellenscheibe	WS 81104	4	
33	4545179 - 33	Axial-Nadelkranz	AXK 2035	2	
34	4545179 - 34	Nadelhülse	DLF 1212	1	
35	4545179 - 35	Nadelhülse	DL 1312	1	
36	4545179 - 36	Nadelhülse	DLH 1816	1	
37	4545179 - 37	Sicherungsring	18 x 1	1	
38	4545179 - 38	Sechskantschraube	M6 x 20	1	
39	4545179 - 39	Mutter	M6	1	
40	4545179 - 40	Gleitplatte		1	
41	4545179 - 41	Senkschraube	M6 x 10	1	
42	4545179 - 42	Spannrad		1	
43	4545179 - 43	Typenschild		1	
44	4545179 - 44	Kerbnagel		2	
45	4545179 - 45	Zentrierbüchse		1	
46	4545179 - 46	Drehhülse	444392	1	
50	4545179 - 50	Kupplungsstecker	ARO	1	Loctite 242

V = Verschleißteil, wearing part, pièce d' usure **B** = bei Bedarf, if necessary, Au besoin
R = Austauschteil, Replacement parts, Pièces d'échange **O** = option, option, option
I = Erstausrüstung, initial equipment, équipement initial

Pos.	Bestell- Nr.	Benennung	Abmessung	Stück	Bemerkung
51	4545179 - 51	Tauchkappe	D - 11 x 20	1	
52	4545179 - 52	Distanzscheibe		1	
53	4545179 - 53	Betriebsdruckschild		1	
55	4545179 - 55	Spannrad (HT)		1	I
500	4545179 - 500	Getriebegehäuse		1	
510	4545179 - 510	Druckluftmotor	520G5 RDS	1	
511	4545179 - 511	Druckluftmotor	520G5 RDS	1	R
V = Verschleißteil, wearing part, pièce d' usure		B = bei Bedarf, if necessary, Au besoin			
R = Austauschteil, Replacement parts, Pièces d'échange		O = option, option, option			
I = Erstausrüstung, initial equipment, équipement initial					

7.1 Exploded view TTP



8.1. Spare parts list PPDGT

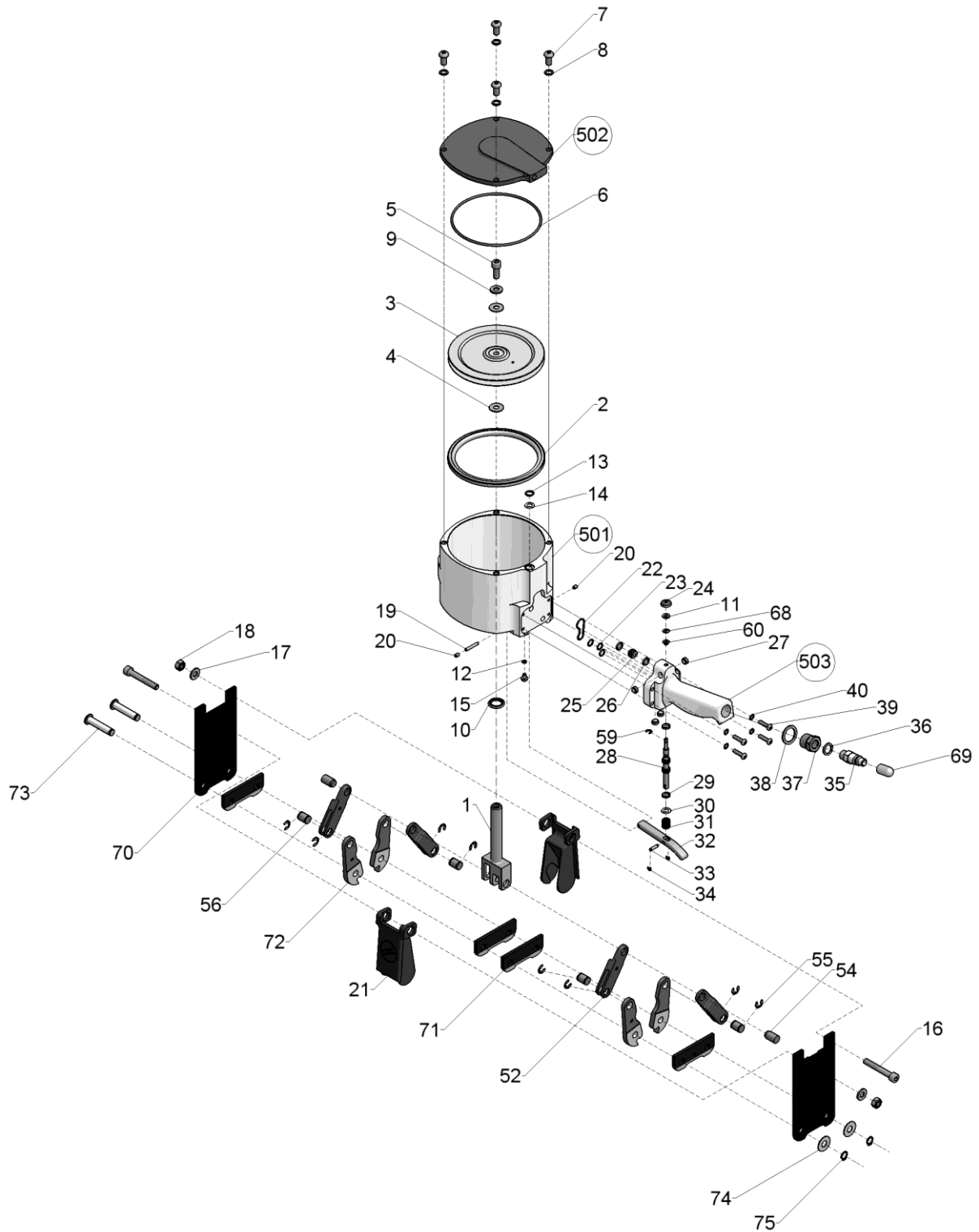
Pos.	Order no.	Description	Dimensions	Pcs.	Remarks
1	3650002 – 1	Piston rod		1	V
2	3650002 – 2	Turcon-Glyd Ring	PT 0301400	1	
3	3650002 – 3	Piston		1	
4	3650002 – 4	Axial washer	AS821	2	
5	3650002 – 5	Cylinder screw	M8 x 20	1	
6	3650002 – 6	O – Ring	125 x 3	1	
7	3650002 – 7	Oval head screw	M8 x 16	4	
8	3650002 – 8	Thrust washer	S8	4	
9	3650002 – 9	Conical spring washer	8	1	
10	3650002 – 10	Turcon-Glyd Ring	RT 0100160	1	
11	3650002 – 11	Conical Spring washer	5		
12	3650002 – 12	O - Ring	4 x 1,5	1	
13	3650002 – 13	O – Ring	9 x 2	1	
14	3650002 – 14	Shim ring	8 x 14 x 0,5	1	
15	3650002 – 15	Deactivation pin		1	V
16	3650002 – 16	Cylinder screw	M8 x 55	2	
17	3650002 – 17	Washer	8,4	2	
18	3650002 – 18	Nut	M8	2	
19	3650002 – 19	Parallel pin	4m6 x 24	1	
20	3650002 – 20	Threaded pin	M5 x 6	2	Loctite 242
21	3650002 – 21	Rubber protection		2	
22	3650002 – 22	O – Ring	25 x 2	1	
23	3650002 – 23	O – Ring	8 x 1,5	3	
24	3650002 – 24	Stop button		1	Loctite 242
25	3650002 – 25	Safety plunger		1	
26	3650002 – 26	Turcon-Glyd Ring	PT 0000120	2	
27	3650002 – 27	Silencer	SD 18 F	4	Loctite 242
28	3650002 – 28	Valve plunger		1	
29	3650002 – 29	Turcon-Glyd Ring	PT 0000120	2	
30	3650002 – 30	Shim ring	8 x 14 x 0,5	1	
31	3650002 – 31	Pressure spring	D 180 - O	1	
32	3650002 – 32	Haul-off shackle		1	
33	3650002 – 33	Parallel pin		1	
34	3650002 – 34	Locking washer	3,2	2	
35	3650002 – 35	Nipple	G 1/4"	1	
36	3650002 – 36	Sealing ring	1/4"	1	
37	3650002 – 37	Reducer	1/2" – 1/4"	1	
38	3650002 – 38	Sealing ring	1/2"	1	
39	3650002 – 39	Oval head screw	M5 x 20	4	
40	3650002 – 40	Thrust washer	S5	4	

V = Verschleißteil, wearing part, pièce d' usure
R = Austauschteil, Replacement parts, Pièces d'échange
I = Erstausrüstung, initial equipment, équipement initial

B = bei Bedarf, if necessary, Au besoin
O = option, option, option

Pos.	Order no.	Description	Dimensions	Pcs.	Remarks
52	3650002 – 52	Pivot arm 32mm		4	
54	3650002 – 54	Clevis pin		2	
55	3650002 – 55	Locking washer	8	8	
56	3650002 – 56	Pivot arm pin		4	
59	3650002 – 59	Locking washer	3,2	1	
60	3650002 – 60	Floating bearing	0506-035	1	
68	3650002 – 68	Shim ring	5 x 10 x 0,5	1	
69	3650002 – 69	Cap		1	
70	3650002 – 70	End plate 32mm		2	V
71	3650002 – 71	Notching cutter 32mm		4	V
72	3650002 – 72	Screw die 32mm		4	V
73	3650002 – 73	Screw die pin		2	
74	3650002 – 74	Thrust washer	AS 1024	2	
75	3650002 – 75	Locking ring	10x1	2	
501	3650002 – 501	Cylinder complete		1	Incl. Pos. 10 u. 12
502	3650002 – 502	Cover complete		1	
503	3650002 – 503	Handhold complete		1	
V = Verschleißteil, wearing part, pièce d' usure R = Austauschteil, Replacement parts, Pièces d'échange I = Erstausrüstung, initial equipment, équipement initial B = bei Bedarf, if necessary, Au besoin O = option, option, option					

8 Exploded view PPDGT



Screws being secured by adhesives have a grey background in the spare parts list in the column "Remarks".

Dichiarazione di conformità

Déclaration de conformité / Declaración de conformidad / Konformitätserklärung / Declaration of Conformity / Conformiteitsverklaring / Försäkran om överensstämmelse / Declaração de conformidade

la sottoscritta / le soussigné / el que subscribe / der Unterzeichnete / the undersigned / ondergetekende / untertecknad / os que se subscrievem:

sossella sas joint system via volvera , 123 - 10090 bruino (to) – italia

certifica che il prodotto qui sotto indicato, nel modello da noi commercializzato, è conforme alle direttive CE nonchè agli standard di sicurezza e agli standard relativi ai singoli prodotti.

declare que la machine designée ci-dessous est conforme aux dispositions de la directive "machines mudiées et aux législations nationales la transposant. / declara bajo su propia responsabilidad que la presente mercancía, objeto de la presente declaración, cumple con todas las exigencias de las normas de la Comunidad Europea, en lo que a normas técnicas, de homologación y de seguridad se refiere. / bestätigt, daß das nachfolgend bezeichnete Gerät in der von uns in Verkehr gebrachten Ausführung die Anforderungen EG-Richtlinien, EG-Sicherheitsstandards und produktspezifischen EG-Standards erfüllt. / hereby certifies that, when leaving our factory, the product indicated below is in accordance with the EEC guidelines, EEC standards of safety and product-specific EEC standards. / bevestigt, dat het volgende genoemde apparaat in de door ons in de handel gebrachte uitvoering voldoet aan de eis van, en in overeenstemming zijn met de EG-richtlijnen, de EG-veiligheids-standaard en de voor het produkt specifieke EG-standaard. / försäkras härmed att nedan nämnda produkter överensstämmer med EEC:s riktlinjer, ECC:s säkerhetsstandard och EEC:s produktspecifikation. / por este meio certifacamos que ao saírem da fábrica, o aparelho abaixo mencionado cumprem tanto ne execução com as exigências das directrizes harmonizadas da CEE, com os parâmetros de segurança standard da CEE e, com os parâmetros específicos de produção por nós.

Descrizione del prodotto

Description of the product
Description du produit
Descripción de la mercancía
Bezeichnung der Gerät
Omschrijving van het apparaat/de apparaten
Produkt
Descrição do aparelho

tenditore pneumatico

pneumatic tensioner pneumatic sealer

Modello:

Model:
Modèle:
Modelo:
Modell:
Model:
Modell:
Modelo:

TTP PPDGT

Numero di matricola:

Serial Number:
Numéro de matricule:
Número de matrícula:
Matrikel Nummer:
Serie nummer:
Serie nummer:
Numero de matrícula:

.....

direttive CE:

EEC guidelines:
directives europeennes:
normas CE:
EG-Richtlinien:
EG-richtlijnen:
directrizes da CEE:

2006/42/CE
2002/96/CE-2003/108/CE
2004/108/CE

Norme armonizzate :

Harmonized Standards:
Normes harmonisé :
Normas armonizadas :
Harmonisierte Normen :
Geharmoniseerde Normen :
Normas armonizadas

UNI EN ISO 12100-1 UNI EN ISO 14121-1
UNI EN ISO 12100-2 CEI EN 60204-1
UNI EN ISO 13857 UNI EN 415-8 – Appendix A
UNI EN ISO 13850
UNI EN ISO 13849-1
UNI EN ISO 13849-2

accessori di supporto alla reggiatura

migliorano la produttività e l'efficienza

Attrezzatura ed accessori per supportare ed agevolare le attività di reggiatura. I prodotti joint system garantiscono alte prestazioni in termini di qualità e durata nel tempo.

gruppi trattamento aria

Tutti gli attrezzi pneumatici della joint system vengono forniti con l'innesto rapido. Un filtro-regolatore e lubrificatore è indispensabile per tutte le reggiatrici pneumatiche. Gruppi filtro, tubo spiralato e connettori d'aria sono disponibili per l'ottimizzazione delle vostre operazioni.



bilanciatori

Il bilanciatore rende più facile ed efficiente l'utilizzo degli apparecchi manuali, soprattutto quelli più pesanti. Può essere utilizzato su gru a mensola, a colonna e su carrelli dispensatori con supporto a bandiera, agevolando le operazioni di reggiatura.



dispensatori per reggetta in acciaio o plastica

joint system è in grado di offrire il dispensatore ideale per ogni tipologia di reggetta e per ogni fabbisogno particolare dell'operatore. La costruzione robusta ne garantisce una lunga durata anche in condizioni estreme. Il design ergonomico agevola la posizione durante il lavoro e facilita il cambio della bobina.



cesoie

La reggetta tensionata, in plastica o in acciaio, è facilmente rimovibile tramite l'utilizzo delle cesoie di sicurezza joint system. La gamma comprende anche cesoie con leve lunghe per facilitare il taglio della reggetta anche in situazioni estreme.



La gamma di prodotti jointsystem®

Reggiatrici
per reggetta d'acciaio e plastica

Reggiatrici automatiche e teste
Per reggetta d'acciaio e plastica

Sistema per balle
Reggetta acciaio e plastica

Crimp system (rizzaggio)

Reggetta
d'acciaio e plastica

Sigilli

Accessori per la reggiatura

The jointssystem® range of products

Strapping tools
for steel and plastic strap

Strapping machines and heads
for steel and plastic strap

Baling systems
steel and plastic strap

Crimp systems

Strap
Steel and plastic

Seals

Accessories

La gamme de produits jointssystem®

Appareils de cerclage
pour feuillard d'acier et plastique

Machines et têtes de cerclage pour
feuillard d'acier et plastique

Systèmes de cerclage de balles
feuillard d'acier et plastique

Systèmes crimp

Feuillard d'emballage
acier et plastique

Chapes

Accessoir

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