

For the professional user

Mechanic's Instructions

Für den professionellen Anwender

Mechanikeranleitung

Class: VEB100-3
Klasse:

Model: 2
Ausführung:

Dated:
Stand:

The sign of quality



You find the Strobel trademark on every Strobel machine leaving our works. And with good reason. This symbol is a guarantee of the high quality of our products. Quality which creates trust – trust in our technology, our service and, not least of all, in our good name.

Im Zeichen der Qualität

Sie finden die Strobel-Schutzmarke auf jeder Strobel-Maschine, die unser Werk verlässt. Und das aus gutem Grund. Denn dieses Zeichen garantiert Ihnen die hohe Qualität unserer Produkte. Qualität, die Vertrauen schafft – in unsere Technik, unseren Service und nicht zuletzt in unseren guten Namen.

Strobel clients know that they can expect a particularly high standard of performance from our company and our machines. Now you have settled for one of our products. For us this is a source of encouragement and of obligation to Justify your trust.

If you wish to profit from the performance and efficiency of your Strobel machine as long as possible, exact handling and thorough care is necessary. For this reason we kindly request that you read the operating instructions closely. It provides all the information you need for trouble free operation.

And if you do happen to need a spare part the enclosed spare parts list gives a complete overview. It is clearly classified according to components so that you can find the required part quickly and easily. In order to avoid errors we request you to quote machine class, machine number and part number completely on your spare part order.

We wish you lots of success in your work with your new Strobel machine.

Mechanic's instructions STROBEL Class VEB100-3

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Circuit diagrams

Connecting the sewing machine:

259.00.37	Pneumatic circuit diagram cl. gen. with pneum. lifting
259.10.37	Pneumatic construction circuit diagram cl. gen. with pneum. Lifting
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259.10.66	Pneumatic construction circuit diagram cl. VEB100-3 with seam lock

Connecting Thread trimmer:

258.21.47	Electrical connection diagram cl. gen. – thread trimmer
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We reserve the right to make design changes.

1

General notes on safety

Every person in charge of setting up, operating, servicing and repairing the machine must first read and understand the operating instructions and particularly the safety instructions before starting up the machine.

Failure to comply with the following safety instructions can lead to bodily injury or damage to the machine.

1. The machine must only be operated by persons familiar with the relevant operating instructions and who have been instructed accordingly.
2. Before commissioning also read the notes on safety and the operating instructions of the sewing drive manufacturer.
3. Only use the machine in the intended manner and never without the provided guards. Always observe the pertinent safety regulations.
4. Switch off the main switch or pull the power plug for threading, changing the reels, exchanging sewing tools such as needle, gripper, needle plate, transport devices, possibly cutter and cutting block, for cleaning and when leaving the workplace as well as for maintenance.
5. General maintenance tasks may be carried out only by properly trained persons in accordance with the operating instructions.
6. Repair work, retrofitting and maintenance may be carried out only by technicians or specially trained personnel.
7. When servicing or repairing pneumatic equipment, the machine must be disconnected from the pneumatic supply. Exceptions are only allowed for adjustment work and tests of functionality performed by specially trained technicians.
8. Only specially qualified technicians may work on the electrical equipment.
9. It is forbidden to work on electrically live components! Exemptions are covered by the EN50110 (DIN VDE0105) regulations.
10. Any retrofitting or alterations to the machine may only be performed under strict compliance with all pertinent safety regulations.
11. Only use our approved spare parts when servicing and/or repairing the machine.
12. It is forbidden to operate the sewing head until it is determined that the entire sewing unit complies with EU provisions.
13. It is essential that you observe and follow these instructions as well as the generally valid safety regulations.

14. Warning instructions given in the operating instructions that pertain to especially dangerous parts of the machine must be indicated at these positions using a safety symbol.



Warning instructions given in the operating instructions that pertain to special injury hazards for operating personnel or technicians must be indicated at these positions using a safety symbol.



2 General notes

2.1 Operating instructions

Every person in charge of setting up, operating, servicing and repairing the machine must first read and understand the operating instructions and particularly the safety instructions before starting up the machine.

2.2 Class designations, machine number and initial basis for descriptions

The operating side of the machine is the initial basis for left/right descriptions. The class designation (type) and machine/model numbers are fastened to the rear of the machine case.

This data is also noted on the front cover page of the operating instructions.

2.3 Applications of the machine

Class VEB100-3 is suitable for attaching waistbands linings on trousers, also for waistbands with belt loops attached.

The range of applications of the different machines can be extended by exchanging the variable sewing tools, i.e. those other fabric qualities than the ones mentioned above can be sewn as well.

Variable sewing tools please see point 7 in operating instruction.

2.4 Technical data of machine

Number of stitches:	
Max mechanically admissible	3000 min ⁻¹
Recommended rated speed:	2200 min ⁻¹
Machine pulley diameter	dw 80 mm
Min. motor power	550 W
V-belt profile	10 x 6 mm
Toothed belt pulley/machine	Z=38
Toothed belt profile	HTD 5M-9
Stitch length-upper feed	5 - 8 mm (depend on fabric)
Kind of stitch:	single thread chain stitch blind stitch
Stitch type	103
Needle system	GROZ-BECKERT 1669 EEO
Needle size	90
Thread	polyester continuous filament
Thread size	120/2
Pneumatic connection	6 bar
Average air consumption	depending on the equipment
Required space	0.5 m x 1.1 m
Noise:	
Average noise level at a speed of n = 2200 min ⁻¹ :	LpAm 71 dB (A)
	Noise test according to DIN 45635-48-1 KL3

2.5 Abridged version of adjustment manual

Theoretic needle radius:	41.3 mm
Left needle guide:	41.33 +0.02 mm
Needle glide plate:	41.30 ±0.01 mm
Right needle guide:	41.40 +0.05 mm
Needle stroke, needle eye to looper finger:	1.5 +0.5 mm
Ball pin to needle shaft:	4 ±0.5 mm
Slot ball pin:	approx. 15°
Looper stroke:	18 +0.5 mm
Pressures:	
Feed plate:	left 12 N
	right 12 N
Cloth support arm:	140 N (meas. at presser shaft)
Plunger limit stop:	6 N
Feed length:	approx. 5 - 8 mm
Lifting between needle plate and feed plates:	approx. 13 mm
Lifting between needle and plunger:	approx. 10 mm
Loop stroke:	2.8 +0.3 mm

3 Notes on repair and adjustments



C A U T I O N ! I n j u r y h a z a r d !

Read the safety and operating instructions before performing maintenance and/or repair work. Failure to comply with them can lead to severe bodily injury.

3.1 Needle plate assembly



C A U T I O N ! I n j u r y h a z a r d !

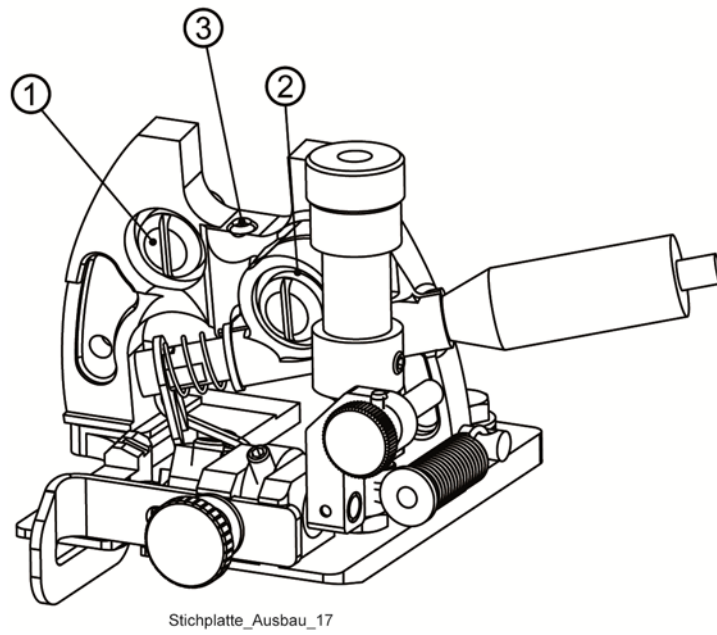
Switch off the machine electrically!

Needle plates are adjusted at the factory and can be easily exchanged in their entirety. When replacing needle guide(s), the adjusting dimensions must be rechecked using a dial gauge. After removing the needle lever, the dial gauge is inserted into the needle shaft and, by turning the handwheel, touches the surface of the needle guide.

3.1.1 Removing the needle plate (Fig. 1)

1. Switch off machine electrically, cloth support arm is lifted.
2. Remove needle and needle lever.
3. Remove the thread trimmer's drive unit as described under "3.9.1 Removing and remounting of the thread trimmer drive (Fig. 14)" or pull the plug only.
4. Release needle plate fastening screws **(1)** and **(2)** and remove the complete needle plate unit to the front.

Fig. 1



3.1.2 Installing the needle plate (Fig. 1)

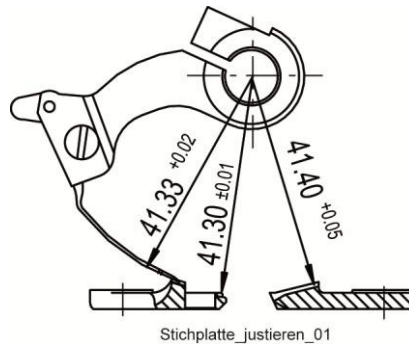
Remount the needle plate in reversed order but make sure that the needle plate opening is mounted centrally to the presser foot and that the needle plate is mounted horizontally. Push the needle plate bow completely upwards until threaded pin (3) fits closely to the needle shaft bush.

3.1.3 Adjusting the needle plate (Fig. 2)

At the left needle guide, the theoretical needle radius of 41.3 mm should be 0.03 to 0.05 mm larger. At the needle slide plate, it should be 0.01 mm smaller to 0.01 mm larger and at the right needle guide it should be 0.06 to 0.08 mm larger.

The adjustment must be made using a dial gauge. Deviations lead to significantly poorer sewing results and may even cause preliminary damage or wear to the sewing tools.

Fig. 2

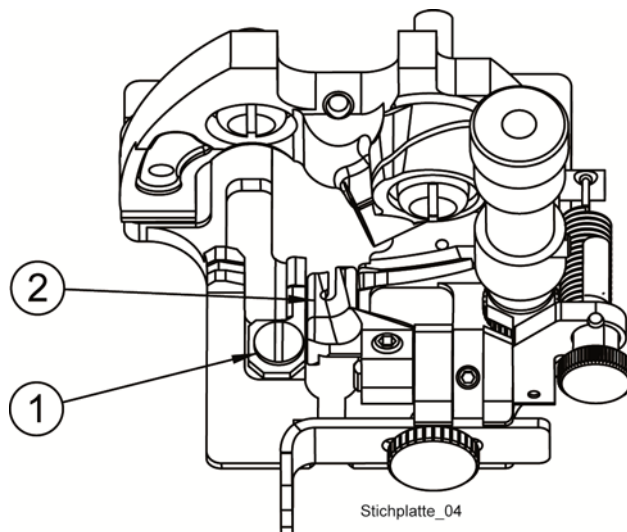


3.1.4 Replacing the needle slide plate (Fig. 3)

The needle slide plate on the central base of the needle plate can be removed after loosening the screw (1).

When assembling, ensure that the needle slide plate lies firmly against the base.

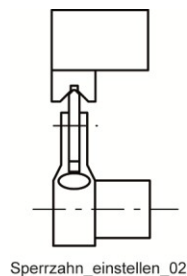
Fig. 3



3.1.5 Adjusting the cloth retainer (Fig. 4)

After replacing the needle plate, check whether the cloth retainer **(2) Fig. 3** lies centrally on the plunger. This is particularly important for roof-shaped plungers/cloth retainers to ensure that the material is optimally held during sewing.

Fig. 4



3.2 Needle lever

3.2.1 Assembly

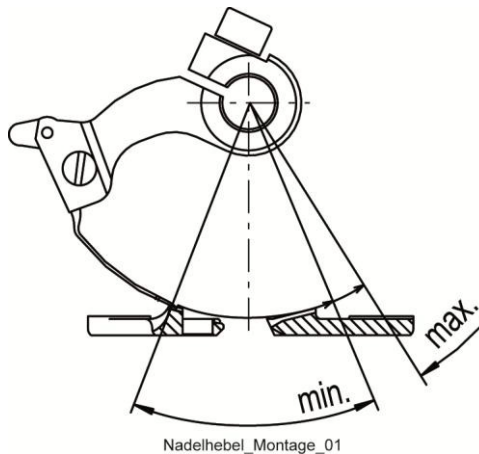


CAUTION!

Switch off the machine electrically!

Remove screw **(10)** **Fig. 6**, move the Thread take-up lever and remove the needle lever. During installation, please ensure that the needle runs through the centre of the needle groove and the needle tip is flush with the left needle guide (**Fig. 5**).

Fig. 5



3.2.2 Adjusting the needle stroke (Fig. 6, Fig. 7 and Fig. 9)

For a loop stroke of 2.3–3.0 mm, the needle stroke must be set so that the left side of the needle's eye is approx. 1.0 ± 0.5 mm away from the large gripping finger when the tip of the large gripping finger is above the centre of the needle (Fig. 9).

The head cover must be removed for the adjustment. After removing (hex key size 4) screw (1) shown in Fig. 7, the ball pin (2) shown in Fig. 6 can be adjusted using a slotted screwdriver.

In the horizontal position, insert the ball pin so that the slot of the $\varnothing 6$ bolt stands vertically beneath the $\varnothing 7$ bolt.

Rotating it clockwise will result in a larger needle stroke while turning it in the opposite direction will create a smaller needle stroke.

The distance between the ball pin and needle shaft is 2 ± 0.5 mm. After adjusting the needle stroke, the needle lever must be configured as described in section "3.2.1 Assembly".

Tighten the screw (1) shown in Fig. 7.

Check the looper and needle movement by turning the main shaft using the handwheel.

Fig. 6

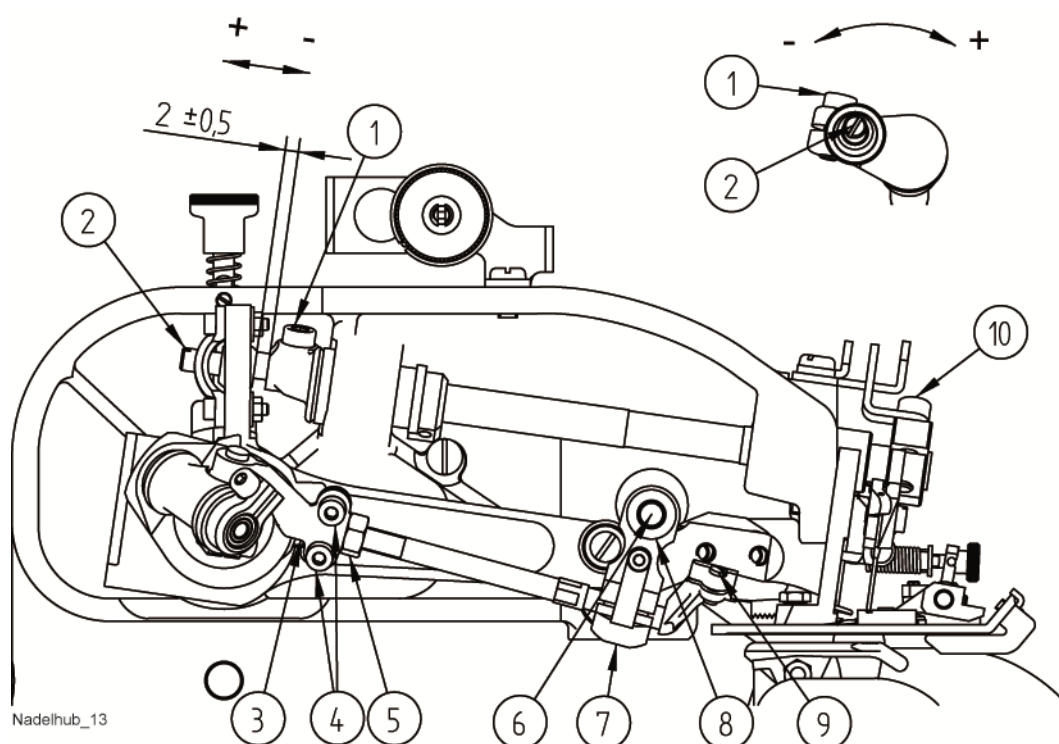
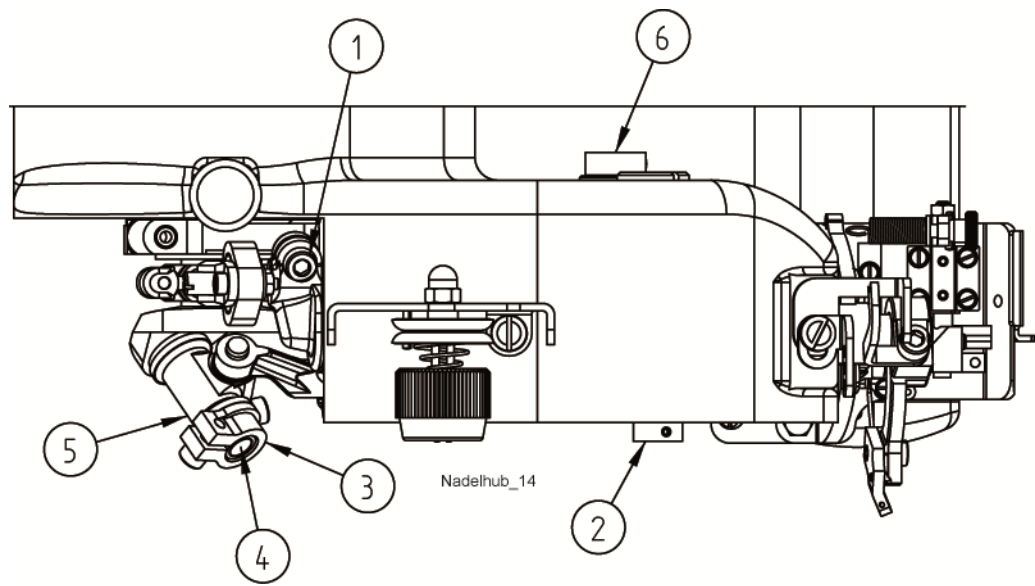


Fig. 7



3.3 Loop stroke

The loop stroke is the path of the needle from its right reversal point to the point where the tip of the large gripping finger stands above the centre of the needle. (Fig. 9)

3.3.1 Adjusting the loop stroke



CAUTION!

Switch off the machine electrically!

In the factory setting, the loop stroke is 2.3–3.0 mm. (Fig. 9)

Adjustment:

- Unscrew the head of the connecting rod: Loop stroke becomes smaller
- Screw in the head of the connecting rod: Loop stroke becomes larger

Thread slope = 0.5 mm per rotation

The following steps are required to rotate the head of the connecting rod (Fig. 6 and Fig. 7):

1. Unscrew the fillister head screw (9) Fig. 6 and push the looper forwards.
2. Remove the nut (5) Fig. 6 from the looper shaft.
3. Remove the cylinder head screws (4) Fig. 6 from the head of the connecting rod (3) Fig. 6.
4. Remove the adjusting ring (3) Fig. 7 and pull out the looper shaft including the head of the connecting rod (3) Fig. 6 from the cross-beds (5) Fig. 7.

Do not remove the contoured bolt (4) Fig. 7!

The loop stroke can be determined using a special dial gauge or vernier caliper.

3.4 Looper

Removing and installing the looper (**Fig. 6**)



CAUTION!

Switch off the machine electrically!

After removing the fillister head screw **(9)**, the looper can be removed from the front.

When installing, ensure that the fastening surface of the looper lies within the chuck and is fully inserted. Tighten the fillister screw **(9)**.

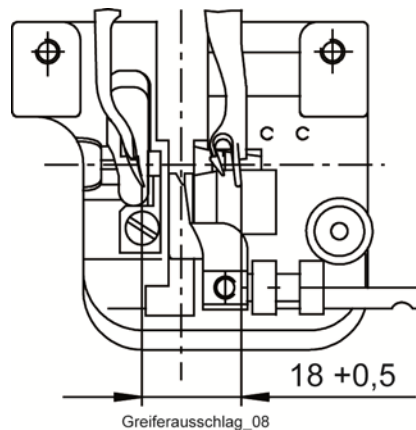
3.4.1 Removal and installation of the looper shaft

After removing the looper and loosening the adjusting rings **(8)** **Fig. 6** and **(3)** **Fig. 7**, the looper shaft can be removed together with the ball joint lever **(7)** **Fig. 6**.

3.4.2 Looper deflection (Fig. 8)

The looper deflection is 18 ± 0.5 (specification).

Fig. 8



3.4.3 Adjusting the looper (Fig. 9)

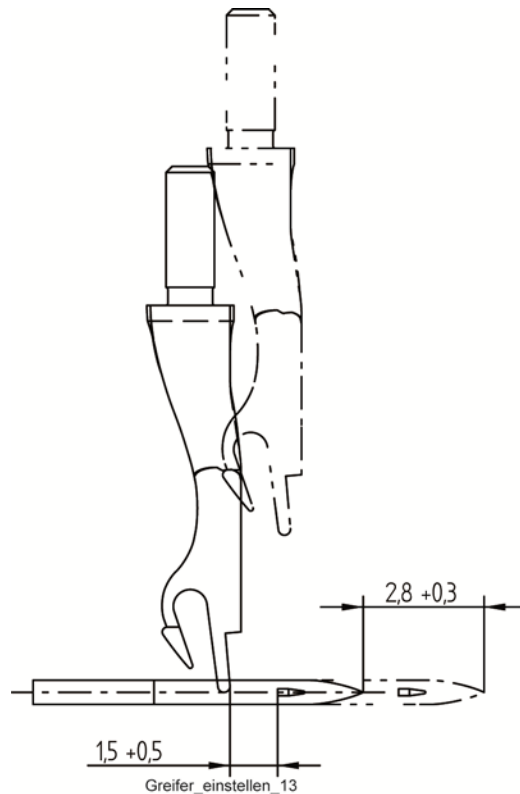
At the moment when the loop is picked up, the gripping finger must lie 0.1–0.2 mm above the needle. This must also be observed when changing the needle thickness. It is essential to prevent needle contact from occurring!

The horizontal distance from the large gripping finger to the eye of the needle should be 1.5 ± 0.5 mm (**Fig. 9**). On the left side where the loop is released, the needle must pass centrally in between the two gripping fingers. These values can be adjusted by turning and moving the adjusting cam **(6) Fig. 7** and rotating the looper shaft against the head of the connecting rod **(3) Fig. 6**.

Check the looper movement by carefully turning the main shaft using the handwheel!

Check that all fastening screws are firmly installed!

Fig. 9



3.5 Feed dogs

The machine is equipped ex works with the pyramid-toothed feed dog. After loosening the two screws, its motion towards the needle plate can be adjusted.

3.5.1 Adjusting the feed dog (Fig. 10)



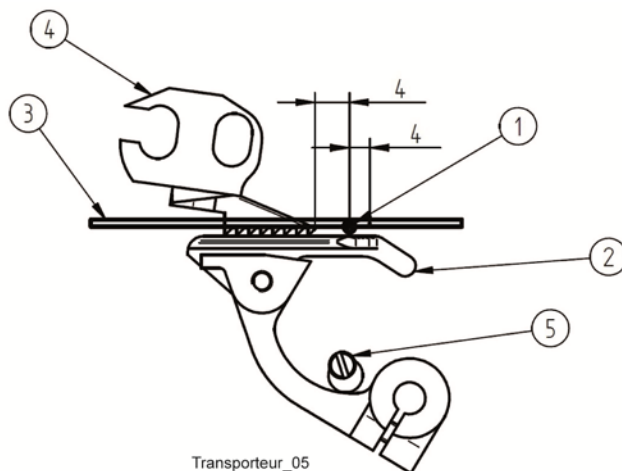
CAUTION!

Switch off the machine electrically!

1. Set the stitch length to 8 mm.
2. Clamp down the feed dog so that it lies parallel to the needle plate and the lower part of the tooth protrudes beneath the bottom of the needle plate. It must not collide with the sides of the needle plate opening and should be set forwards as far as possible towards the needle.

Clamp a piece of paper with 0.2 mm to the tip of the needle 2 mm in front of the centre of the plunger.

Fig. 10



3.5.2 Adjusting the bottom belt feed

3.5.2.1 Belt tension

Please see point „4.8.3 Tighten feeding belts“ in operating instructions.

3.5.2.2 Presser plate pressure

The right plate could be adjusted with screw 174.0524 at the arm.

Turning clockwise – more pressure

Turning anti-clockwise – less pressure.

The left plate could be adjusted with screw 174.0424 at the arm extension.

Same rule as above.

3.5.2.3 Belt feed lifting

The presser plates get lifted together with the arm. The left plate by the adjustable eccentric bolt 137.0028 at the arm extension 113.0117 and the right plate by the screw 175.0300 at the lever 221.0655.

Both adjustments are made from the bottom of the arm.

At highest position of the arm must be 1-2mm distance between lever and bolt/screw. Otherwise the belts have no contact to the stitch plate, if the plunger is adjusted for heavy fabric.

3.5.2.4 Belt exchange

- a. Open the both left screws from the lower collar 246.0205 at the bench 114.0903 and pull out the shaft 160.0236 together with the collar 246.00074 to the left side. Push down the arm manually and take out the belts and the belt gears to the left side.
Assembly in the reverse sequence.

Attention: Take care about the sense of rotation of the gear belts. The belts must move backwards.

3.6 Pressure foot

3.6.1 Adjusting the pressure foot



C A U T I O N !

Switch off the machine electrically!

The position of the pressure foot is given by the position of the angle lever symmetrical to the plunger. It should tip lightly and lie evenly against the needle plate. The transport bracket pressure can be adjusted using separate screws for each stand on the upper side of the material support arm.

3.6.2 Adjusting the airing for the transport bracket (Fig. 10)

The transport stands are pressed backwards when airing the material support arm. The adjustable eccentric bolts serve as stops **(5)**.

In the upper position of the material support arm, there must be approx. 2 mm between the lever and bolts to ensure that the transport bracket presses securely against the needle plate for every position of stitch depth control.

3.7 Plunger

3.7.1 Plunger exchange

1. Remove the arm extension 113.0117.
2. Remove the cover 112.0062.
3. Loose screw 171.0406 at lever 221.0539.
4. Loose screw 175.0604 at the bottom of the arm.
5. Loose set collar 246.0041 and remove the complete plunger.

Assembly in the reverse sequence.

3.7.2 Plunger adjustment

1. Adjust the plunger centre to the centre of the cloth retainer, plunger front 1mm behind the needle (Fig. 11) and fix with screw 175.0604 this position.
2. Adjust the plunger shaft 281.0164 without clearance with the collar 246.0041.
3. Turn the hand wheel till the needle top point is in the centre of the plunger.
4. Turn the plunger shaft 281.0164 till the cam is in the position as shown in Fig. 11 and tight the screw 171.0406 at lever 221. 0539.

Fig. 11

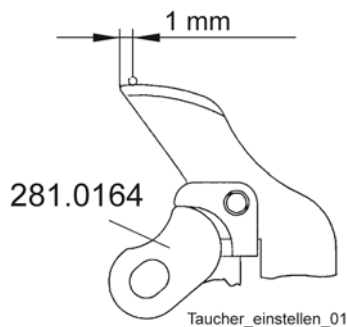
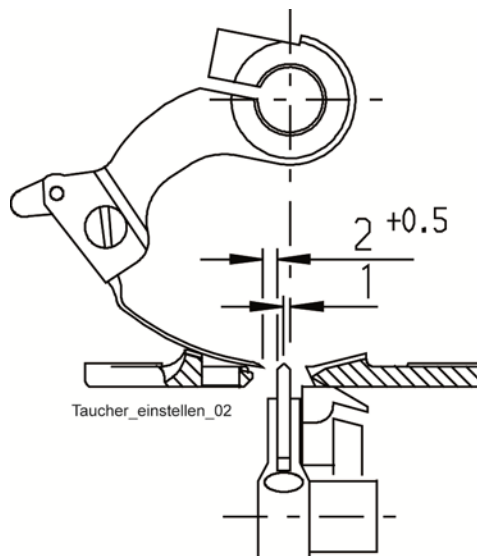


Fig. 12



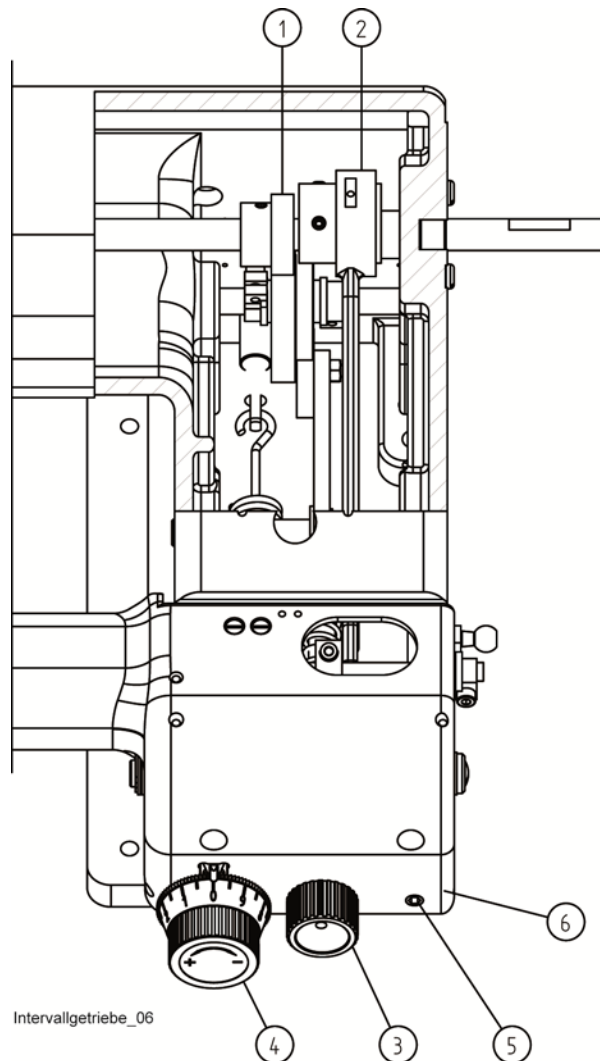
3.7.3 Adjusting the material support arm

Turn the main shaft until the needle tip stands 1–2 mm behind the centre of the plunger.

Adjust the control knob **Fig. 13** so that the needle is lifted by 0.2 mm, then screw in the threaded pin **(5) Fig. 13** until it lies against the case. Next, counter the threaded pin **(6) Fig. 13**.

The material support arm must be adjusted to have no axial backlash.

Fig. 13



3.7.4 Setting the pre-tension of the spring in spring-loaded plungers

The spring-loaded plunger is hold under tension by means of a tension spring in the plunger lever. For adjustments use the screw drive supplied with the machine.

3.8 Pneumatic lifting



CAUTION!

Switch off the machine electrically!

3.8.1 Setting the lifting

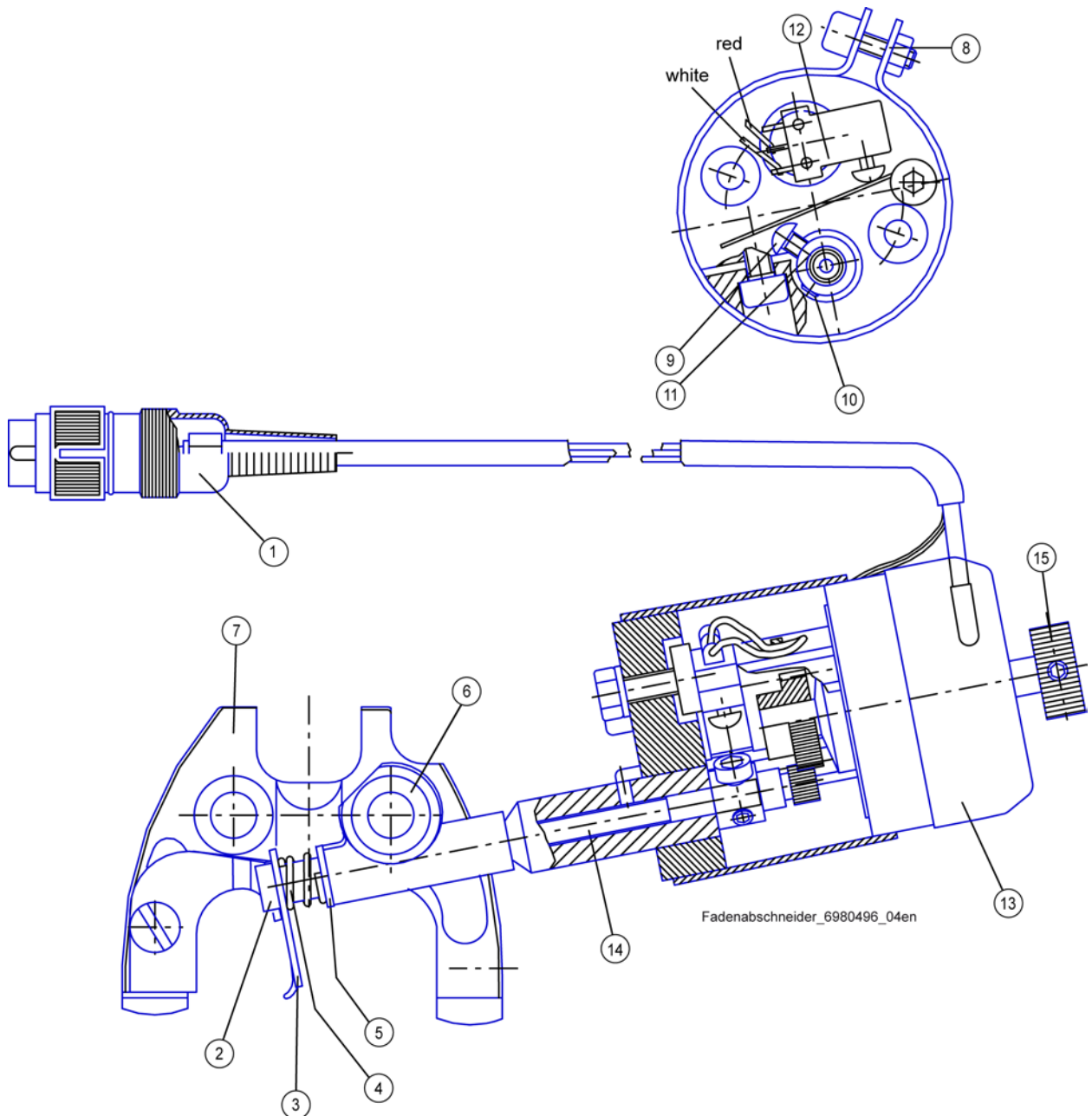
Reduce the lifting speed of the cloth support arm at the one-way restrictor so that there is no hard noise when the arm is lowered.

The piston in the pneumatic cylinder should move up to the limit stop. When the cloth support arm is lowered it should be possible to press it down by approx. 1 mm.

3.9 Thread trimmer (Fig. 14)

The blade of the thread trimmer is activated by a rotary magnet, to which an electric release control system (microswitch) is connected. This prevents the machine from starting when the blade is no longer in its initial position. Thus the release control system prevents a possible collision between blade and looper.

Fig. 14



3.9.1 Removing and remounting of the thread trimmer drive (Fig. 14)



C A U T I O N !

Switch off the machine electrically!

1. Remove plug **(1)**.
2. Loosen the screw **(2)** and remove from blade **(3)**, spring **(4)** and disc **(5)**.
3. Loosen the screw **(6)** on the needle plate clamp **(7)** and remove the thread trimmer drive.
4. Installation in reverse order.

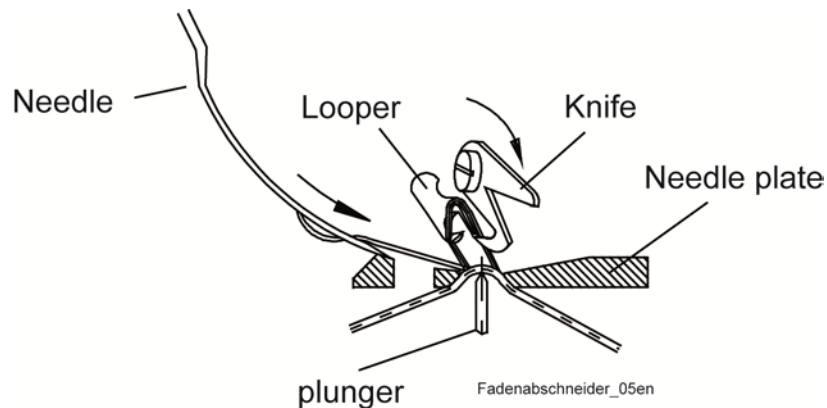
Ensure the blade is in correct position on the shaft!

3.9.2 Adjustment

- The thread trimmer drive must be inserted as far as it will go into the needle plate clamp.
Swivel the drive backwards so that there is a gap of about 1 mm between the drive and the sewing head.
- The blade of the knife has until about 2 - 3 mm from needle lever, stand forward, readjust if necessary.
Remove clamp **(8)**.
Loosen the screws **(9)** and **(10)** on the small gearwheel **(11)** and adjust by turning the blade shaft.
Push together gearwheel and blade shaft to the limit and tighten.
- Setting the microswitch **(12)** and gearwheel **(11)**.
- When replacing the rotary magnet **(13)**, ensure that the tooth gap between the gearwheels is approx. 0.1 mm.

Ensure free movement of parts!

Fig. 15



3.9.3 Replacing the knife (Fig. 14 und Fig. 15)



CAUTION!

Switch off the machine electrically!

To replace cylinder head screw **(2)**, unscrew it (hold shaft **(14)** with open-end wrench 5 mm).

Caution: Do not hold onto the rotary knob **(15)** since the gearwheels can be damaged!

The nose of knife **(3)** should sit in the shaft's groove to guarantee the right position for the thread trimming.

Turn the main shaft manually and check the trimming position. **(Fig. 15)**

3.9.4 Cutting position (Fig. 15)

The machine should be positioned in such a way as the pedal is stepped back that the distance between looper and blade in cutting position is approx. 1 mm. For Strobel and EFKA controls, this corresponds to parameter 171, position P2E.

Refer also to the sewing drive operating instructions.

3.10 Motor

Separate operating instructions with programming instructions and wiring diagrams are supplied with the motor.

3.11 Motor

Separate operating instructions with programming instructions and wiring diagrams are supplied with the motor.

3.12 Seam Lock

Locking the seam is made by a stitch without catching the fabric.

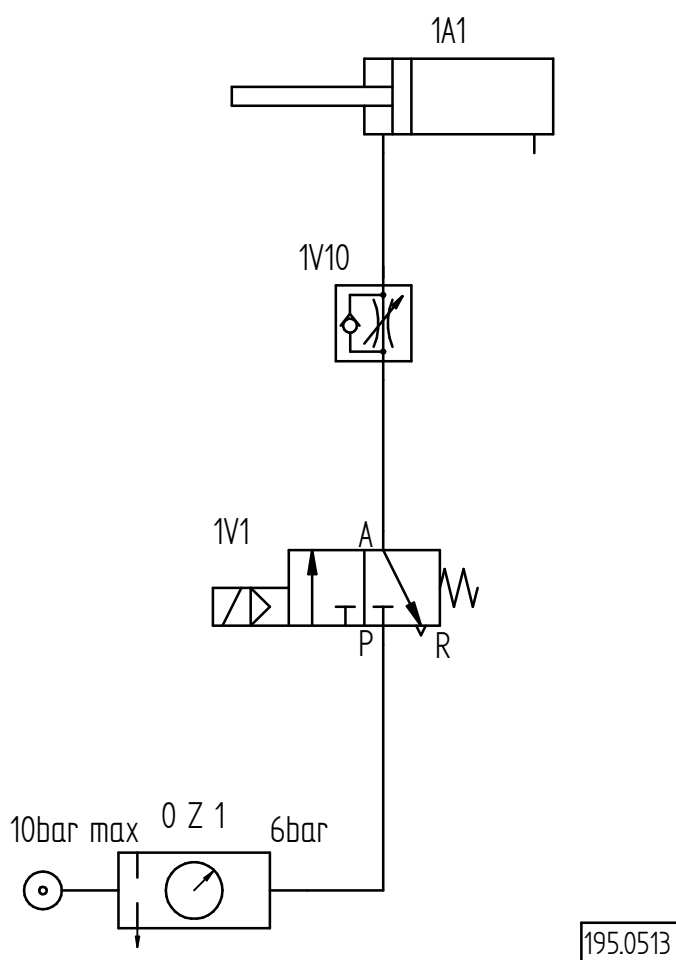
The plunger drops down and a second thread tension is activated.

By additional lowering the cloth support arm the seam lock is made.

The thread get hold by second thread tension and a skip stitch make the seam lock.

The lifting of cloth support arm can be adjusted by the hand wheel underneath the table.

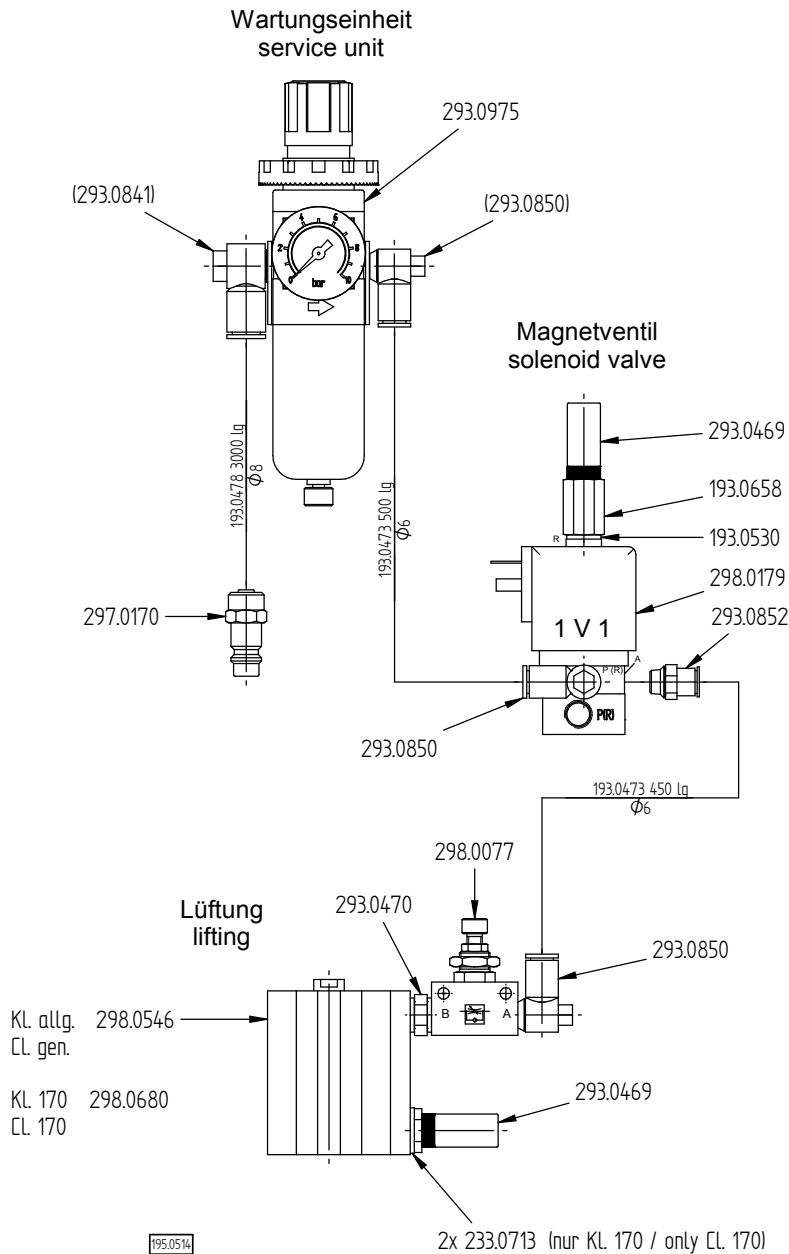
Feed dog will be not lifted during seam lock.

**Pneumatischer Schaltplan Kl. allg. mit pneum. Lüftung
(Efka-DC1200/DC1210)****Pneumatic circuit diagram cl. gen. with pneum. lifting
(Efka DC1200/DC1210)**

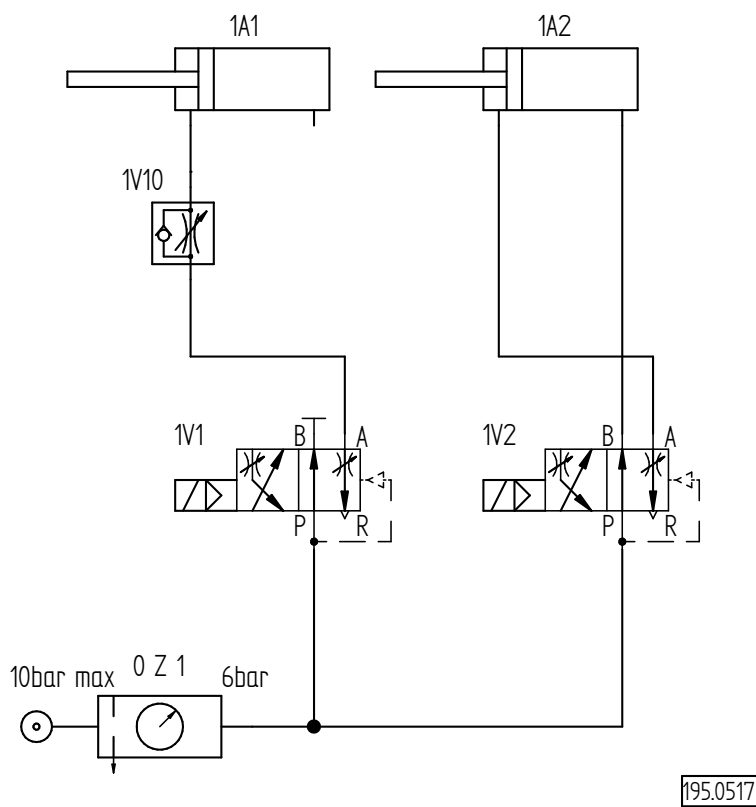
0 Z 1	Wartungseinheit	Service unit
1 V 1	3/2-Magnetventil "Lüftung"	3/2-solenoid-way valve "lifting"
1 V 10	Drosselrückschlagventil "Lüftung"	throttle non-return valve "lifting"
1 A 1	Zylinder "Lüftung"	cylinder "lifting"

Pneumatischer Bauschaltplan Kl. allg. mit pneum. Lüftung (Efka-DC1200/DC1210)

Pneumatic construction circuit diagram cl. gen. with pneum. lifting (Efka-DC1200/DC1210)



233.0713	2	Reduziernippel R1/4-R1/8 (nur Kl. 170)	reduction nipple R1/4-R1/8 (only Cl. 170)
293.0469	2	Schalldämpfer R1/8	silencer R1/8
293.0470	1	Doppelnippel R1/8	nipple R1/8
193.0473	950	PA-Schlauch Ø6	PA hose Ø6
193.0478	3000	PA-Schlauch Ø8	PA hose Ø8
193.0530	1	Dichtungsring R1/8	gasket R1/8
193.0658	1	Muffe R1/8	bushing R1/8
293.0850	2	L-Einschraubanschluss R1/8-6	L-threaded connection R1/8-6
293.0852	1	G-Einschraubanschluss R1/8-6	threaded connection R1/8-6
293.0975	1	Wartungseinheit	service unit
297.0170	1	Schnellverschlusskupplung Ø8	coupling Ø8
298.0077	1	Drosselrückschlagventil R1/8	throttle non-return valve R1/8
298.0179	1	3/2-Wege-Magnetventil	3/2-solenoid-way valve
298.0546	1	Kurzhubzylinder Ø32x25 (Kl. allg.)	short stroke cylinder Ø32x25 (Cl. gen.)
298.0680	1	Kurzhubzylinder Ø50x25 (Kl. 170)	short stroke cylinder Ø50x25 (Cl. 170)

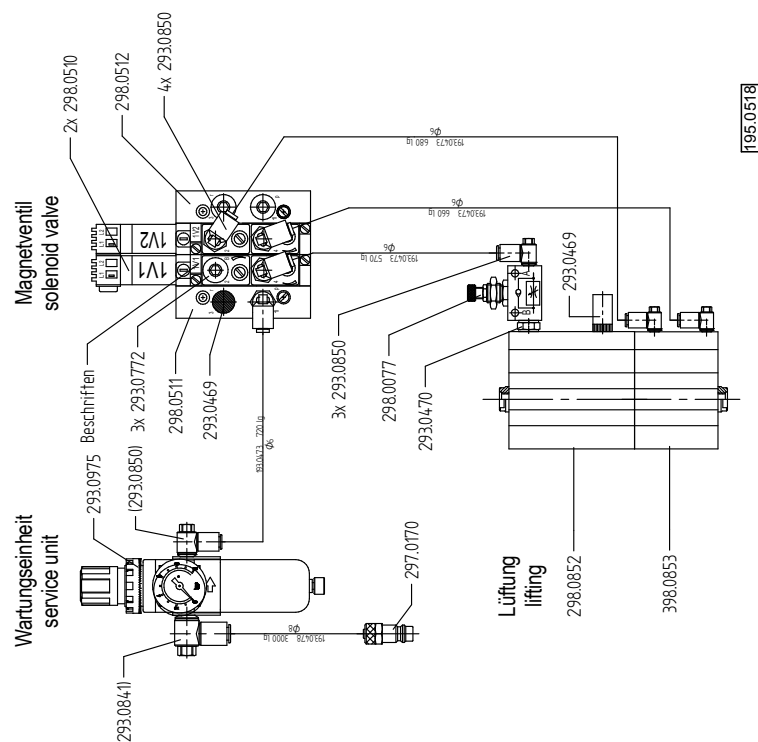
**Pneumatischer Schaltplan Kl. VEB100-3 mit Nahtsicherung
(Efka-DC1200)****Pneumatic circuit diagram cl. VEB100-3 with seam lock
(Efka-DC1200)**

0 Z 1	Wartungseinheit	Service unit
1 V 1	4/2-Magnetventil "Lüftung"	4/2-solenoid-way valve "lifting"
1 V 2	4/2-Magnetventil "Zwischenlüftung"	4/2-solenoid-way valve "intermediate lifting"
1 V 10	Drosselrückschlagventil "Lüftung"	One-way flow restrictor "lifting"
1 A 1	Zylinder "Lüftung"	Cylinder "lifting"
1 A 2	Zylinder "Zwischenlüftung"	Cylinder "intermediate lifting"

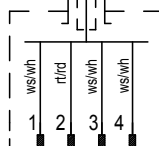
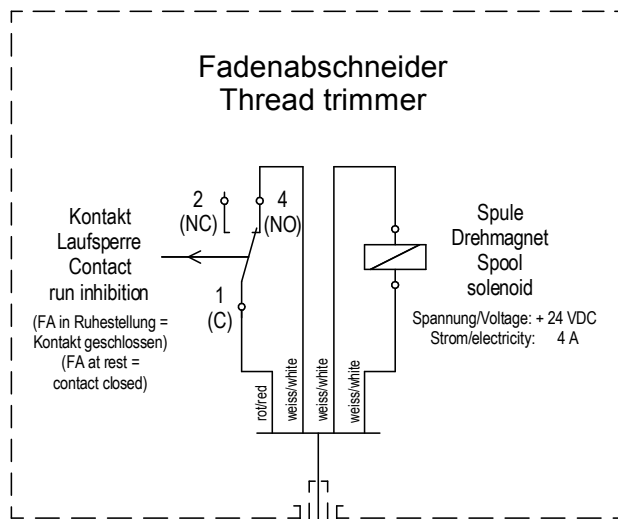
Pneumatischer Bauschaltplan Kl. VEB100-3 mit Nahtsicherung (Efka-DC1200)

Pneumatic construction circuit diagram cl. VEB100-3 with seam lock (Efka-DC1200)

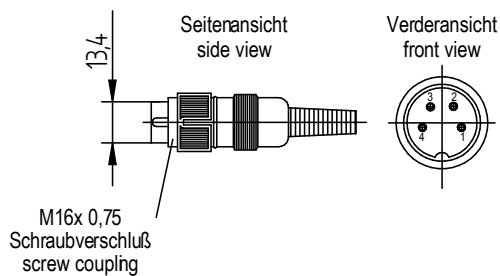
293.0469	2	Schalldämpfer R 1/8	silencer R 1/8
293.0470	1	Doppelnippel R 1/8	nipple R 1/8
193.0473	2700	PA-Schlauch Ø6	PA hose Ø6
193.0478	3000	PA-Schlauch Ø8	PA hose Ø8
293.0772	3	Verschlußschraube R 1/8	lock screw R 1/8
293.0850	7	L-Einschraubanschluss R 1/8-6	L-threaded connection R 1/8-6
293.0975	1	Wartungseinheit	service unit
297.0170	1	Schnellverschlusskupplung Ø8	coupling Ø8
298.0077	1	Drosselrückschlagventil R 1/8	throttle non-return valve R 1/8
298.0510	2	4/2-Wege Magnetventil	4/2-solenoid-way valve
298.0511	1	Eingangsmodul G1/8 links	input module G1/8 left
298.0512	1	Eingangsmodul G1/8 rechts	input module G1/8 right
298.0582	1	Kurzhubzylinder	short stroke cylinder
398.0583	1	Kurzhubzylinder	short stroke cylinder



Elektrischer Anschlussplan Kl. allg. Fadenabschneider Electric connection diagram cl. gen. Thread trimmer



Rundstecker 4 pol.
Typ: Hirschmann Mas 3100 Ausf. B
circular plug 4-pin
type: Hirschmann Mas 3100 Ausf. B



PIN	Benennung/Description
1	NO Kontakt Laufsperrung Contact run inhibition
2	C Kontakt Laufsperrung Contact run inhibition
3	+24 V DC Spule Drehmagnet DC Spool solenoid
4	0 V DC Spule Drehmagnet DC Spool solenoid

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Staffiermaschinen

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Pikier-Automat

und

weitere Spezial-Nähmaschinen

■ *For the clothing industry:*

*Single and two thread high
performance hemming
machines*

Bluff edge hemming machines

*Two thread blind stitch felling
machines*

Roll and flat padding machines

*Automatic lapel padding
machine*

*and other special sewing
machines*

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maschinen mit und ohne
Differentialtransport

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chines with and without differen-
tial feed*

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Pelzschnellnäher

■ *For the fur industry:*

High-speed fur sewing machines

■ Für Heimtextilien:

Ein- und Zweifaden-
Blindstichmaschinen

■ *For the home textiles industry:*

*Single and two thread
blind stitch machines*

■ Für die Polster- verarbeitung:

Ein- und Zweifaden-
Überwendlichmaschinen

Ein- und Zweifaden-
Blindstichmaschinen

■ *For the upholstery industry:*

*Single and two thread
overseaming machines*

*Single and two thread
blind stitch machines*

■ Für die Konfektion technischer Textilien:

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Überwendlichmaschinen

■ *For the processing of technical textiles:*

*Single and two thread
overseaming machines*

Noch Fragen?

Dann rufen Sie uns an, schreiben Sie uns oder kommen Sie einfach bei uns vorbei. Sie können jederzeit weitere Informationen über unsere Produkte anfordern oder die Strobel-Nähmaschinen in unserem Ausstellungsraum live erleben. Wir freuen uns auf Sie!

Any further questions?

Then phone, write or simply come and see us. You can have further information about our products at any time, or experience the Strobel machines live in our show room. We're looking forward to meeting you!

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