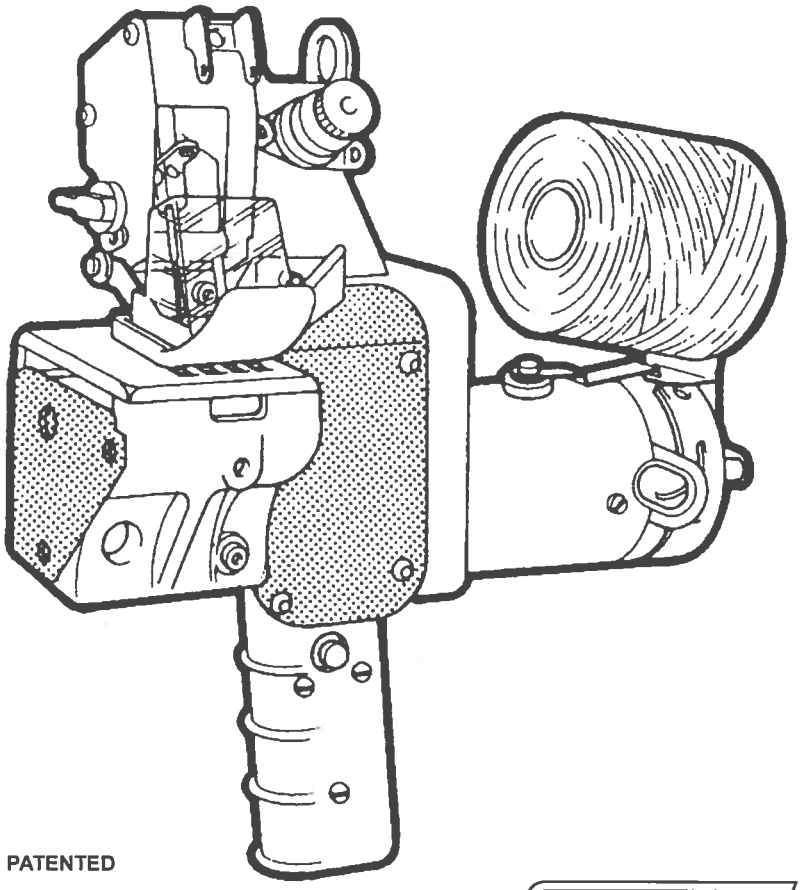
Instruction manual

GB

PORTABLE BUTT- SEWING MACHINE



PATENTED

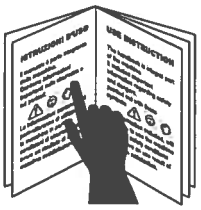
MOD. TC 101E
MOD. TC 101P

MONTI-MAC s.r.l.

Macchine da cucire speciali
e impianti di cucitura per l'industria tessile

VIA REPUBBLICA, 11 — 22075 LURATE CACCIVIO - COMO (ITALY)
PHONE +39 031 390 655 — FAX +39 031 390 095
www.montimac.it — E-mail: info@montimac.it

ENGLISH GB



Instruction manual
PORTABLE BUTT- SEWING MACHINE
MOD. TC 101E - MOD. TC 101P

IMPORTANCE OF THE HANDBOOK

Keep this instruction manual ready to hand with the product!

The handbook is integral part of the machine.
It includes important information regarding safety and danger, pointed out by these symbols:

The information included will allow you to use the machine in perfect safe conditions and to obtain the best results.

INDEX

ENGLISH GB

1. DELIVERY NOTE-CONFORMITY CERTIFICATE

Dear customer,

We would like first of all to thank you for the preference given to our product and we feel certain that your confidence will be rewarded by the reliable service of our machine.

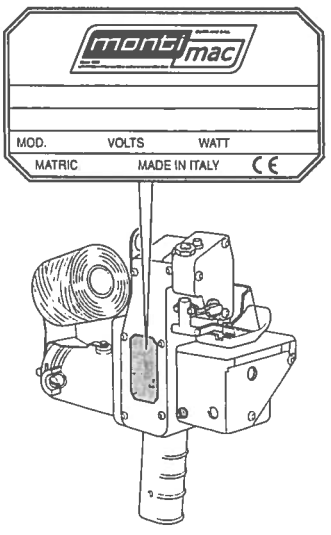
The machine supplied complies with the safety regulations required by the EEC (Directive 2006 / 42 / CE and subsequent modifications) and does not present any danger for the operator if used according to the instructions provided in this manual and provided that the safety devices are kept in good working condition.

Our company cannot be held responsible for any damage caused by failure to observe the above mentioned regulations.

We attract your attention over the fact that any form of reproduction of the manual without permission is prohibited and that the characteristics described can be changed without warning.

2. MACHINE IDENTIFICATION

In any communications with MONTI-MAC s.r.l. or with our Service Centres, always quote the serial number and model of the machine as given on the identification plate.



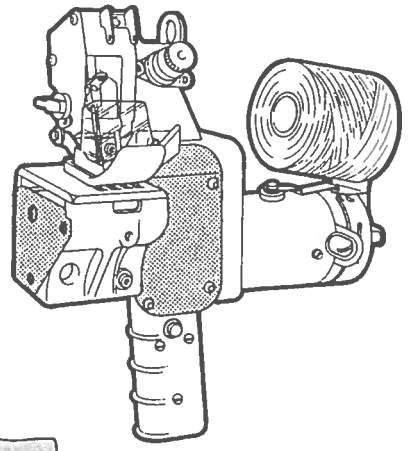
3. GENERAL DELIVERY NOTE

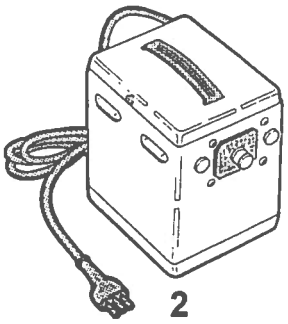
ENGLISH

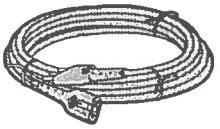
Upon receipt of the machine, check that the packing is intact, that the goods supplied correspond to those in the order (see delivery note) and that they are not damaged.
In case of damage or missing parts, immediately inform in detail the Forwarding Agent, MONTI - MAC or its Area Representatives.
The dimensions given in the catalogue are not binding and they refer to the standard machine. Drawings and other documents sent with the machine are the property of MONTI - MAC who reserves all rights.
Sale documents must not be made available to third parties.

1. BUT-SEWING MACHINE
2. ELECTRICAL TRANSFORMER **(*)**
3. ELECTRICAL SUPPLY CABLE (*)
4. PNEUMATIC SUPPLY HOSE (Only Mod. TC 101P)
5. ACCESSORIES AND SPARE NEEDLE ENVELOPE
6. GREASE GUN

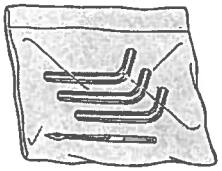
(*) Only Mod. TC 101E


1


2


3


4


5

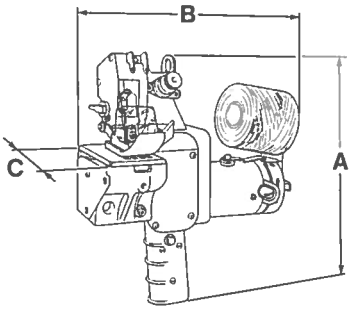

6

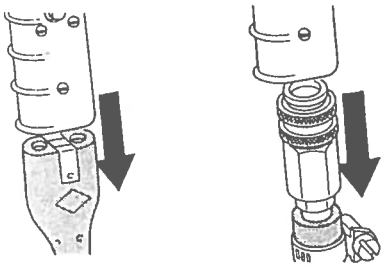
4. MACHINE DESCRIPTION AND TECHNICAL CHARACTERISTICS

This manual contains instructions for use, maintenance, and parts replacement of the butt-sewing machine Model TC 101.
This machine, made entirely of metal, has been manufactured with the most modern technology and it leaves our plant only after the most detailed tests. It must be remembered however that its life and efficiency also depend upon appropriate use and maintenance.
The machine Model TC 101, in conformity with safety regulation, has a ground tap; electrical socket should be checked to ensure that it is connected to ground too.

Our company cannot be held responsible for any damage caused by failure to observe the above mentioned regulations.

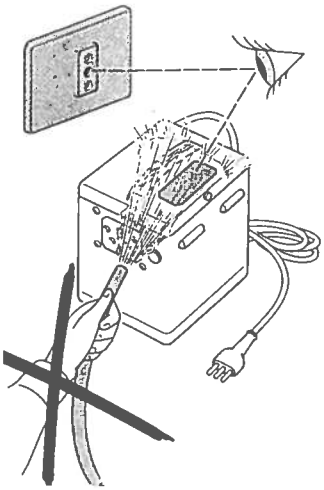
MODEL		TC 101E Electrical Version	TC 101P Pneumatic Version
DIMENSIONS	A	about 290 mm	
	B	about 270 mm	
	C	about 110 mm	
WEIGHT		about 3,4 kg	about 2,9 kg
STITCH LENGTH		about 2÷5 mm	
DEPTH Of CUT		about 6÷12,5 mm	
STITCH WIDTH		about 11÷22 mm	
STITCHING SPEED		10 m/min. max	
STITCHING THICKNESS		8 mm max.	
FUSE (IN / OUT)		2,5 A / 6 A	Not Applicable
MOTOR		Monophase ac or dc 44 V (optional 24 V)	Lubricated and filtered air 5,5 bar
POWER / AIR CONSUMPTION		105 W	About 5 Nm3/h
LUBRICATION		Hollow Shaft	
PRESSUREFOOT		Movable	
NEEDLE CLAMP		Adjustable in height	
CUTTER		Self sharpening	
FEEDDOG		Sself-cleaning	





Before any maintenance or repairs to the machine, disconnect the machine from the electrical supply by removing the plug from the socket.

If not, the machine may cause heavy damages to operator.



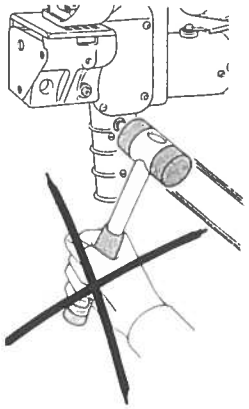
Check that the main tension is the same as the supply tension reported on the registration plate of the transformer.

Do not spray water on the transformer.

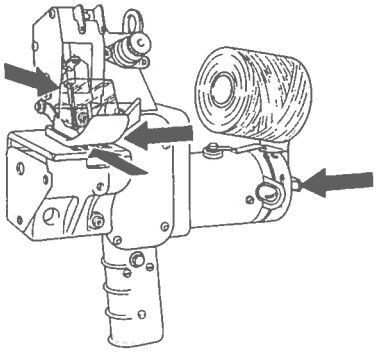
Check that the machine is connected to ground.

It should be remembered that the safety regulations, presently in force, oblige to put to earth of electrical devices.

Our company cannot be held responsible for any caused by failure to observe the above mentioned regulations.

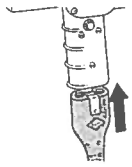


Hammering can damage the delicate parts of the machine.



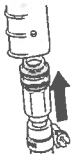
Do not insert your hands or your fingers where there are moving parts.

Allow only specialised technicians to tune the machine.



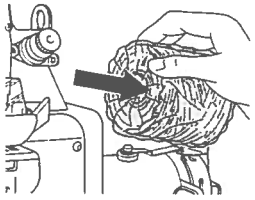
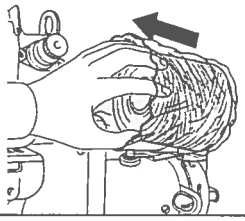

Model TC 101E

1. Connect the electrical cable of the machine to the transformer making sure that the selected voltage on transformer is the one desired.
2. If desired, machine speed can be varied by changing position of voltage selector.



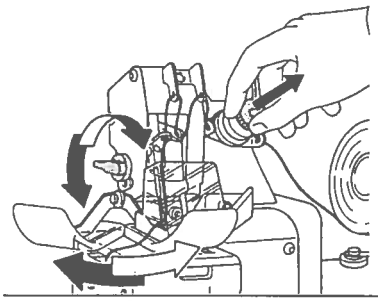
Model TC 101P

1. Connect rubber hose to the machine by connecting the quick pneumatic plug.
2. Check that air supply pressure is between 5 and 6 bar. For good functioning of pneumatic motor, lubricated and filtered air shall be used.

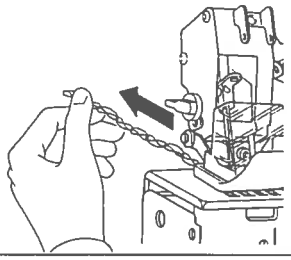
For both models

1. Press bobbin on the three-spike bobbin holder, so the spikes penetrate cellophane and centre the bobbin in the right position.
2. Push the bobbin until a "click" will indicate that bobbin is firmly locked on the bobbin support.
3. Open cellophane covering bobbin without tearing it or breaking it.
   Cellophane will avoid excessive thread unwinding and thread hooking around parts of machine while sewing.

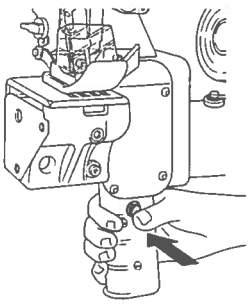


4. Thread the machine as shown in the figure without missing any of the stages. To ease the threading it is possible to free the needle area, releasing the foot from its working position by rotating the lever forward, and tilting back the foot. When the foot is returned to its working position, rotate the lever back to its original position and check that the foot is correctly locked.

   Remember: if pressure foot is not locked in the right position the first run will break the needle.



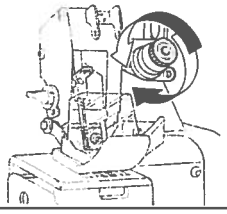
5. Lightly lift the tension disc with the fingers, the thread should run freely.



6. Press start button with right thumb.
7. The stitch is formed and comes out as an empty chain from behind the foot.

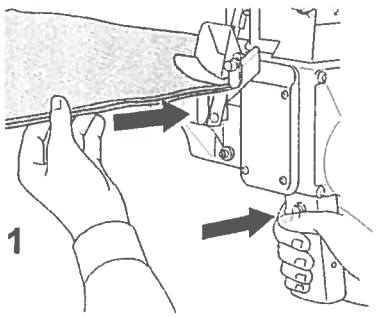
   It should be noted that thread tension is adjusted by rotating the grooved knob on the tension unit in a clockwise or anti-clockwise direction.

   This regulation is necessary and depends upon the type and quality of fabrics being sewn.

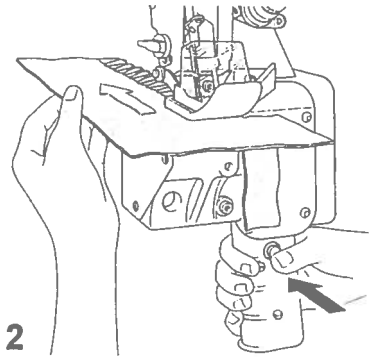


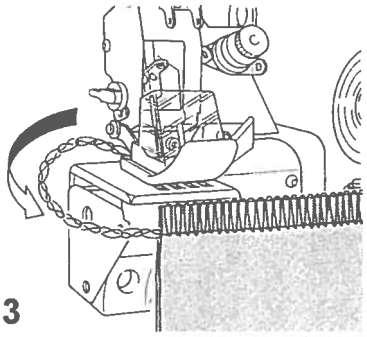
ADVICE:

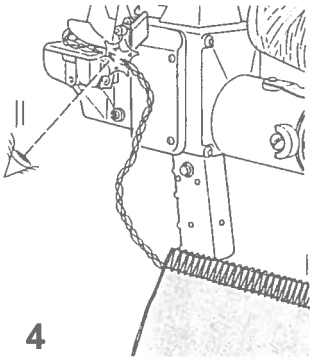
The stitch should be adjusted by rotating the knob for 1/4 of a turn at a time until the correct stitch characteristics are obtained.


1

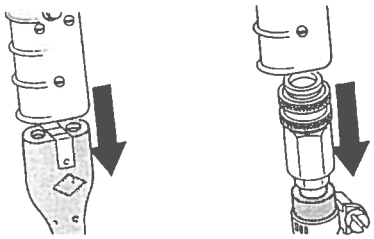
1. Handle the machine with right hand.
2. With left hand move the doubled edges of the material towards the pressure foot and the cutter so that a few millimetres of the fabric have being cut.
3. Press start button and follow the fabric that is automatically advanced by the sewing mechanism.
4. At the and of the sewing run, continue the sewing chain for a few centimetres and then cut it with the automatic cutter by moving the end of the fabric towards the front of the machine.


2


3

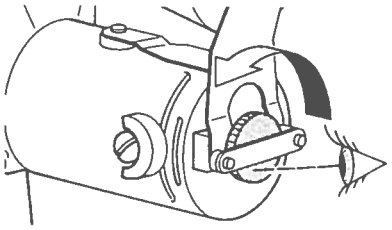

4

8. CHANGING THE NEEDLE ⚠⚠

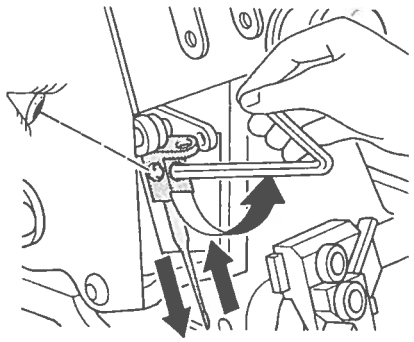


1. Before any maintenance or repairs to the machine, disconnect the machine from the electrical supply by removing the plug from the socket (TC 101E) or disconnecting air supply hose (TC 101P).

   If not, the machine may cause heavy damages to operator.



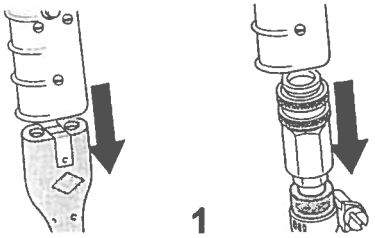
2. Turn the ridged knob in the direction shown by the arrow until the needle reaches the upper dead point - that is, fully upwards.



3. Loosen the clamp screw with the hexagonal key supplied with the machine.
4. Replace the broken or blunt needle with a new one.
5. Push the needle right into its seat and make sure that the guide face of the needle is orientated towards the needle fixing screw.
6. Check that the needle is completely inserted into its seat: it should be visible through the hole in the clamp.

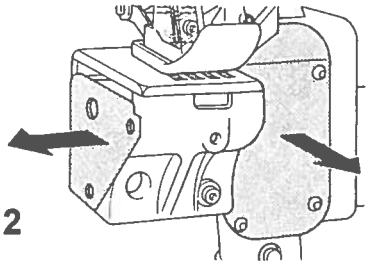
NOTE: different types of needles are available according to the different nature of the fabrics to be treated: for very delicate textile use needle TC560/TC561; for thick materials use needle TC563; for hard materials (showing a difficult penetration) use needle TC564.

9. CHANGING THE LOOPERS ⚠⚠



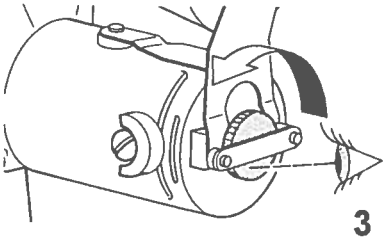
1. Before any maintenance or repairs to the machine, disconnect the machine from the electrical supply by removing the plug from the socket or disconnecting air supply hose (TC 101P).

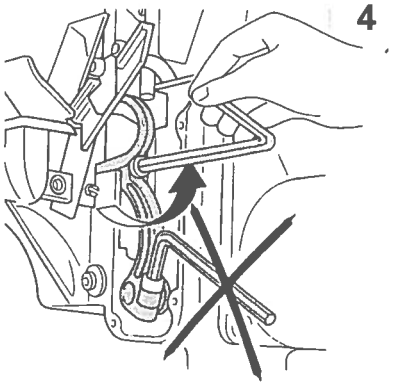
   If not the machine may cause heavy damages to operator.



2. The replacement of the upper and lower loopers is achieved by opening the casing at the front and on the cutter side,

3. Turn the ridged knob in the direction shown by the arrow until the looper moves into an accessible position.



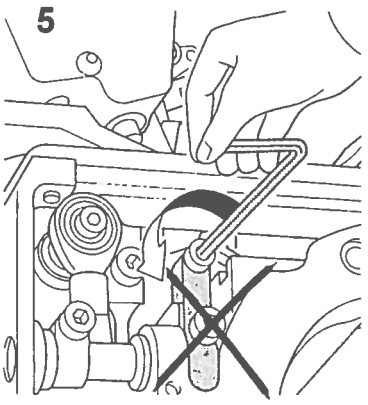


4. Unscrew the locking screw with the hexagonal key supplied.

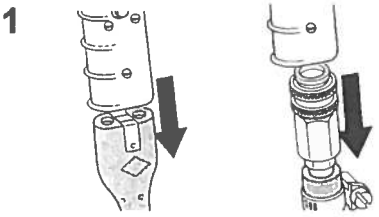
5. Replace the looper with a new one and tighten the locking screw firmly.

WARNING:

only specialised technicians should carry out the phasing of the machine.



10. CHANGING OF CUTTER BLADES

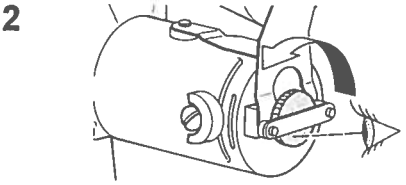


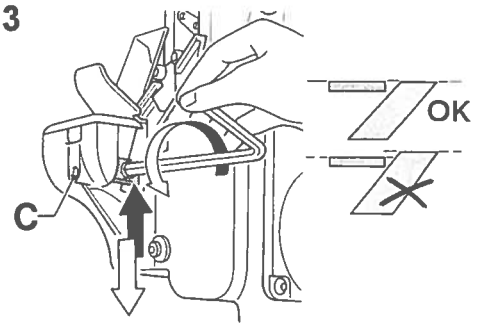
1. Before any maintenance or repairs to the machine, disconnect the machine from the electrical supply by removing the plug from the socket or disconnecting air supply hose (TC 101P).

   If not the machine may cause heavy damages to operator.

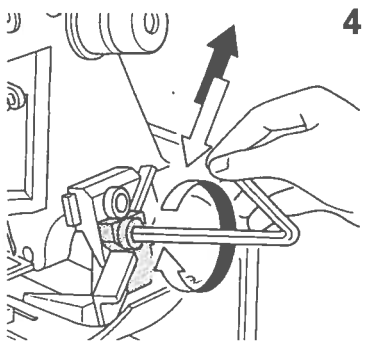
2. Turn the ridged knob of the manual starter in the direction of the arrow, until the cutter arrives at the upper dead point, that is, fully up.

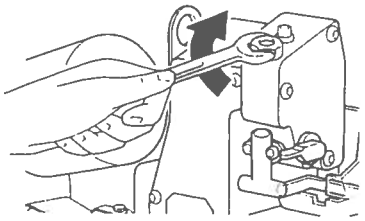
3. Move the cutter support as much as possible to the left, and then screw in the stop screw of the fixed cutter support (C). Now the blades can easily be extracted as follows. Loose the locking device screw to change fixed cutter. Slide out the old blade and insert the new one, positioning it at the same level as the needle plate. Take care that the cutting level of the cutter is correctly positioned so that the blade of the mobile cutter, at its lowest point of movement, is covering completely the latter.





4. The mobile cutter blade is replaced by loosening the locking screw.
   Slide out the old blade and insert the new one, setting the blade so that it touches the outside face of the fixed cutter.
   When one of the two blades has been replaced, loosen screw (C), which stops the horizontal slide of the fixed cutter support.
   The internal spring pushes the fixed cutter towards the mobile cutter providing sufficient pressure for coupling.

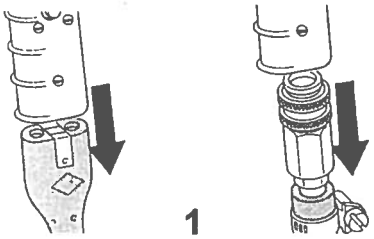




The quality of the sewing stitch depends both on the material and the quality of the thread used (see Chapter THREAD REQUIREMENTS).

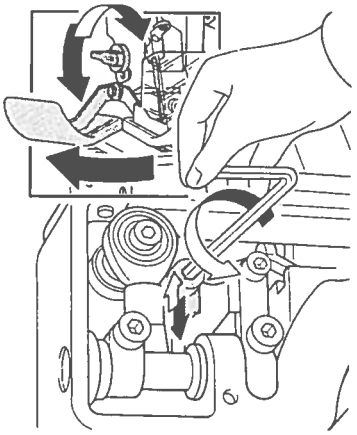
If it is found that the transport of material being sewn is irregular, it is necessary to adjust the foot pressure by using a hexagonal key.

12. ADJUSTMENTS ⚠⚠



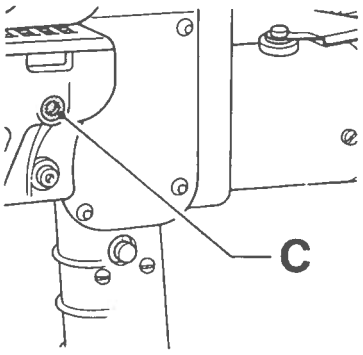
1. Before any maintenance or repairs to the machine, disconnect the machine from the electrical supply by removing the plug from the socket or disconnecting air supply hose (TC 101P).

   If not the machine may cause heavy damages to operator.



12. 1 SEWING PITCH

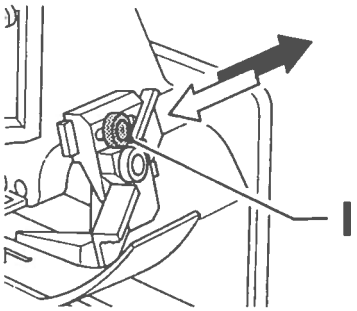
1. Free the pressure foot and rotate it.
2. Loosen the screw that fixes the feeding dog to its support; by raising or lowering the position of the feeder the sewing pitch can be increased or decreased.
3. Tighten the screw on completion of the adjustment.
4. Move the pressure foot back to its working position and lock it.

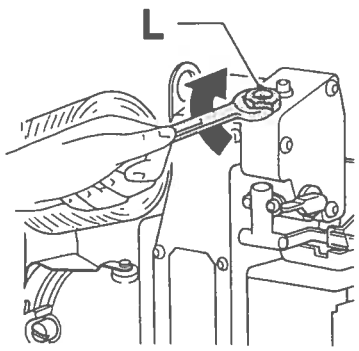


12. 2 CUTTING DEPTH / KIND OF SEAM

The seam can be FLAT or OVERLAPPED adjusting the trimmers position

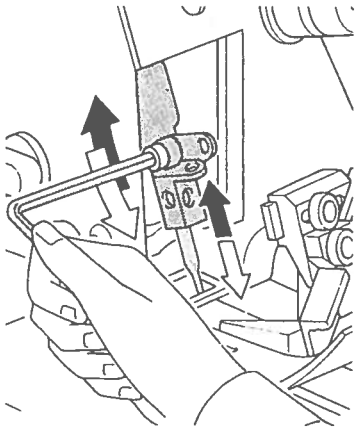
1. Release the foot and rotate it.
2. Move the fixed cutter support completely to the left, and then tighten screw (C).
3. Loosen screw (I) and choose the depth of cut required.
4. First tighten screw (I) and then release screw (C) taking care to remove any threads from between the blades.
5. Move the foot back to its working position and lock it.
6. If a further decrease in the cutting depth is required, up to the minimum possible, it is necessary to replace the foot TC662 (standard) with the optional foot TC661. If a larger cut is required, use the optional needle plate TC620. If a wider stitch is required use the optional tongue TC628.





12. 3 PRESSURE FOOT

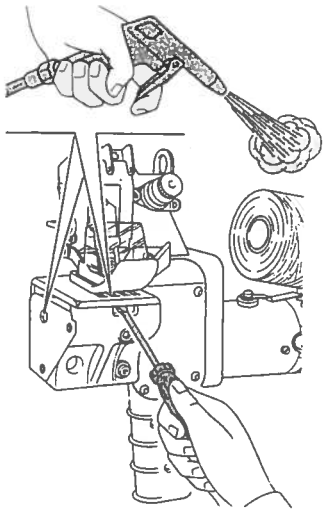
Tighten or loosen the screw (L) to obtain an increase or decrease in pressure.

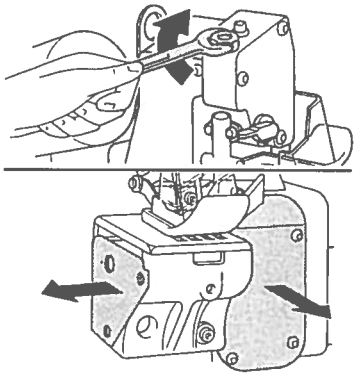


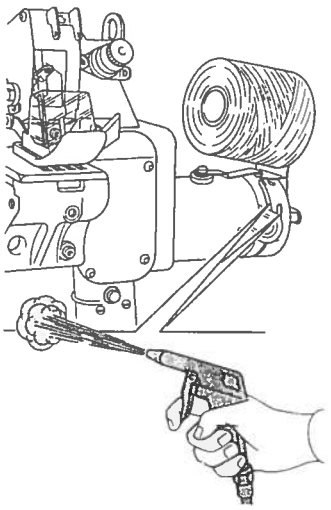
12. 4 NEEDLE HEIGHT

1. Loosen the locking screw of the needle clamp and move it to the position required.
2. When the adjustment is correct, tighten the locking screw ensuring that the clamp is correctly orientated, with the thread guide forward.
3. It is necessary to carefully check that the new needle height is compatible with the machine timing.

13. CLEANING

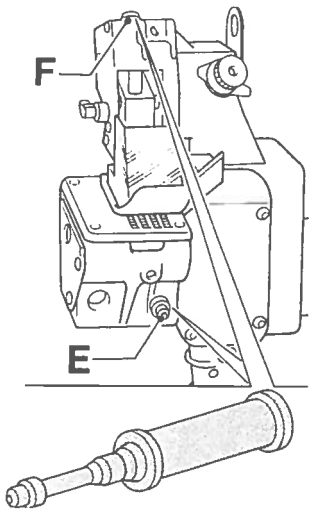






Systematic cleaning of the machine extends its life; the frequency depends upon the cleanliness of the work environment and the use of the machine.

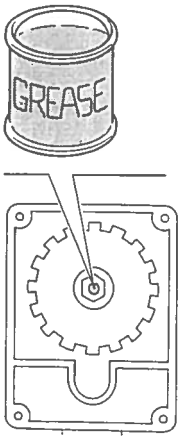
1) Daily cleaning with an air jet:
   a) The automatic cutter.
   b) The stitching devices (put the air pistol into the hole in the side of the casing and rotate it: the dirt will come out of the hole above).
   c) The claw teeth through the opening in the body of the machine. If necessary with the help of a fine screwdriver.
2) In the case of excessive accumulation of material under the foot, unscrew the spring pressure device and clean carefully with an air jet, screwing it up again afterwards.
3) Annual cleaning:
   a) Remove the front and side casing; clean the sewing unit area.
   b) Clean the electric motor and its carbon brushes with an air jet.



- **Monthly:**

1. With help of grease gun, provided with the machine, inject grease through the nipples (E) and (F). Through (E) the elements of the transport unit and gears are lubricated.

   Through (F) the elements in the needle bar unit and gears are lubricated (position the needle bar unit in a middle position to allow grease to reach lubrication chamber).



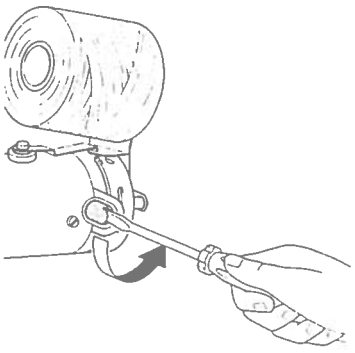
- **Annually:**

1. Remove the motor unit, by unscrewing the relevant screws.
2. Grease cams through the nipples, with the help of provided grease gun.
3. Relocate the motor unit in its seat and tighten screws.

WARNING:

While closing the motor unit, check that electrical wires are inserted in normal position.

15. MAINTENANCE



- **Annually:**

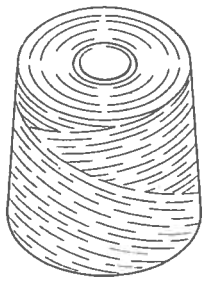
1. Unscrew the brush holder knob.
2. Check the wear of the brushes, and if necessary replace them.
3. Re-insert the knob.

WARNING:

Change the brushes in good time, otherwise the motor could deteriorate irreparably.

Note that an heavy use of the machine will require a more frequent change of the brushes.

Keep in mind that an accurate periodical maintenance and the use of the original spare parts, reduce considerably unproductive stops and expensive repair made in a hurry.

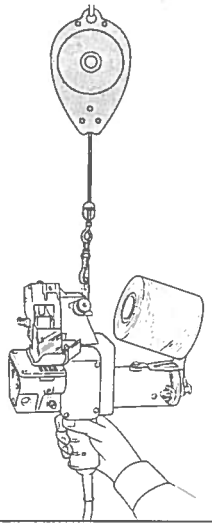


Our sewing machines use reels of specially designed thread produced in different quality grades. This ensures strong, even stitching, and satisfies our clients' most diverse needs.

We attract your attention over the fact that the use of an unsuitable quality of thread may cause unnecessary damages to the stitching parts of the machine beyond producing a non-satisfactory stitching.

Our Technical Service Department is available to supply technical advice on the matter.

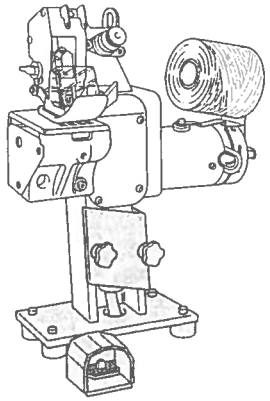
17. ACCESSORIES ON REQUEST



The following accessories are available on request:

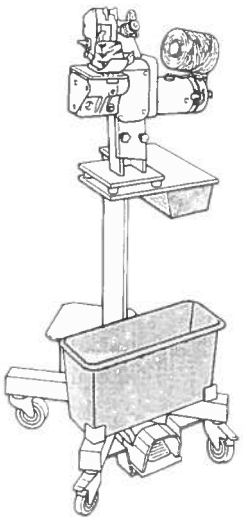
Counterbalancing mechanism:

allows the machine to be suspended at different heights from the ground.



Bench pedestal and electric pedal control:

these can transform the portable sewing machine into a workbench machine.



Mobile table:

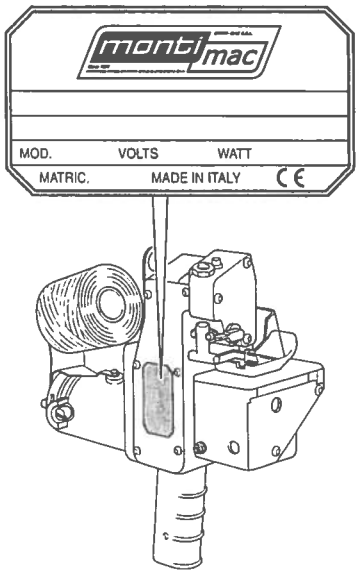
(available in two versions, painted and in stainless steel AISI304), that allows the machine to be used at different work stations.

Below are indicated some faults that can be experienced during the operation of the machine and the possible remedies to be adopted.

In case it will be impossible to obtain again acceptable working conditions, it will be necessary to contact one of our Service Centres or our Technical Service Department.

- **IRREGULAR STITCH:** Check thread tensions, check machine threading.
- **MISSING STITCH:** Check thread tension, check machine threading, check position of loopers, check that needle is well inserted in its support, check orientation of needle (the facet on needle should be oriented against the needle blocking screw), check If needle is suitable.
- **THREAD BREAKS:** Check if thread tension is too high; check the threading; check that thread is suitable for the application.
- **NEEDLE BREAKS:** Check if the needle is bent, check position of loopers, check position of needle, check if needle guard is properly positioned.
- **HOLES ON FABRIC:** Check that needle is not blunt, check if size of the needle is suitable for the fabric.
- **FABRIC DEFORMATION:** Check if needle is suitable for the fabric.
- **IRREGULAR TRANSPORT:** Check foot pressure, check cleaning of pressure foot.
- **THREAD ACCUMULATING IN THE NEEDLE PLATE:** Check machine threading, check if tension is insufficient.
- **BREAKING OF THE LOWER LOOPER:** Needle size not suitable, bent needle, inappropriate needle type, phasing of upper looper incorrect.
- **BREAKING OF UPPER CROCHET:** cutter low efficiency one or both loopers badly positioned, loopers timing incorrect.

19. ORDERING OF SPARE PARTS



When ordering spare parts always mention the serial number and part code number, along with a description of the part.

Model and serial number of the machine are indicated on the label put on the back side of the machine.

Example:

Machine mod. TC 101,
serial number 2158,
part TC597
Upper Looper.

20. SPARE PARE LIST FOR MACHINE MOD. TC101

SPARE PARTS DRAWINGS -MACHINE MOD. TC101 - page 16 - 20

	710	10 m pipe		Z75	Reel holder group
	K65F	Cover		TC59	Lower looper
	K110	Tension spring		TC66	Press blade spring
	K111	Tension cup		TC70	Bearing
	K112TC	Tension washer		TC95G	Switch group
	K113	Tension knob	O	TC503	Pneumatic motor group
	K122	Washer	*	TC504	Motor Group 24V
	K128	Screw	*	TC505	Motor Group 44V
	K132	Screw		TC506	Motor connection group
	K138	Screw		TC507	Switch connection group
	K143	Grub screw		TC508	Lever pressure foot group
	K149	Grower		TC509	Reel holder group
	K152	Grower		TC518	Machine body
**	K166 FV	Motor brush 44V		TC522	Motor casing
**	K167FV	Brush cover 44V		TC527	Motor pinion
**	K166	Motor brush 24V		TC528	Spring pin
**	K167	Brush cover 24V		TC529	Driven pulley
	K172	Connection to hearth		TC531	Feed dog shaft
	K182FP	Inlet hose		TC532	Key
	K184FP	Sealing band		TC533	Key
	K206	Hexagonal key 2 mm		TC535	Lubrification screw
	K207	Hexagonal key 3 mm		TC536	Washer
	K264	Insulating Cardboard		TC537	Ball bearing
	K275	Hexagonal key 2,5mm		TC539	Washer
	M019	Switch connection group		TC540	Spacer
	M173	Button		TC541	Eccentric needle drive
	M175	Insulating bush		TC542	Needle cage
	M176	Insulating washer		TC543	Disc
	M208	Tension fair lead		TC544	Needle rod
	M209	Tension pin		TC545	Bush
	M500	Micro switch		TC547	Clamp
	M503	Pin		TC548-1	Collar
	M504	Washer		TC548-2	Shaft
	M505	Nut		TC548-3	Additional collar
	M536	Female coupling		TC549	Needle bar
	M537	Joint		TC550	Needle lever
	M538	Sealing Band Gasket		TC551	Needle pin
	M540	Screw		TC552	Needle joint
	M556	Screw		TC553	Needle guide
	M557	Grub screw		TC554	Needle clamp
	M558	Grub screw	Δ	TC560	Finish needle 100 SUK
	M559	Grub screw	Δ	TC561	Finish needle 100
	M563	Nut	Δ	TC563	Finish needle 140 round point
	M565	Nut	Δ	TC564	Finish needle square point
	M569	Washer		TC567	Thread stretcher
	M575	Spring ring		TC570	Eccentric lower looper
	M578	Cup spring		TC571	Needle cage
	M584	Flush rivet		TC572	Lower looper head
	M592	Transformer 220/44V		TC573	Lower looper pin
	M593	Transformer 220/24V		TC574	Lower looper joint
	M595	Cable 6 m		TC580	Bush

	TC581	Lower looper shaft	TC691	Upper blade eccentric
	TC582	Lower looper arm	TC692	Needle cage
	TC583	Lower looper support	TC693	Spacer
	TC585	Looper screw	TC694	Upper blade connection rod
	TC590	Upper looper eccentric	TC695	Lever blade bush
	TC591	Upper looper head	TC697	Upper blade arm
	TC592	Looper end	TC698	Upper blade lever
	TC594	Upper looper shaft	TC699	Upper blade support
	TC595	Upper looper arm	TC700	Upper blade stirrup
	TC596	Upper looper support	TC701	Upper blade
	TC597	Upper looper	TC710	Upper cover
	TC602	Transport support	TC712	Front cover
	TC603	Feed dog	TC718	Stirrup
♤	TC610-561	Needle plate ((specify code needle)	TC721	Plate
♤	TC610-563	Needle plate ((specify code needle)	TC722	Nut
♤	TC610-564	Needle plate ((specify code needle)	TC725	Pin plate
	TC626	Needle plate screw	TC730	Laber Mod. TC/101
♤	TC627	Feather standard	TC746	Right support
♤	TC628	Feather (large cut)	TC747	Left support
	TC630	Needle guard	TC748	Screw
	TC640	Pressure-foot bush	TC750	Screw
	TC641	Pressure-foot bush	TC753	Screw
	TC642	Pressure-foot bar	TC754	Screw
	TC643	Pressure-foot spring	TC755	Screw
	TC644	Pressure-foot clamp	TC756	Washer
	TC650	Pressure-foot support	TC757	Spring ring
	TC651	Pressure-foot washer	TC758	Grub screw
	TC652	Pressure-foot joint	TC759	Spring ring
	TC653	Pressure-foot pin	TC760	Spring ring
	TC654	Pressure-foot lever	TC786	Lower cover
	TC655	Pressure-foot screw	TC787	Black cover
♤	TC661	Pressure-foot (small screw)	TC788	Screw
♤	TC662	Pressure-foot (deep cut)	TC789	Screw
	TC671	Raise pressure-foot bush	TC790	Transport bar
	TC672	Raise pressure-foot nut	TC791	Transport guide
	TC673	Raise pressure-foot eccentric	TC794	Protection
	TC680	Blade support bush	TC795	Screw
	TC681	Blade support bush	TC817	Screw
	TC682	blade support pin	TC818	Thread guide
	TC683	Blade support	TC825	Screw
	TC684	Lower blade stirrup	TC826	Screw
	TC685	Lower blade	TC827	Greaser
	TC690	Disc	TC828	Pressure foot guide (Ex TC645)

* Motor Group TC505 AND TC504 are supplied with TC527 and TC528

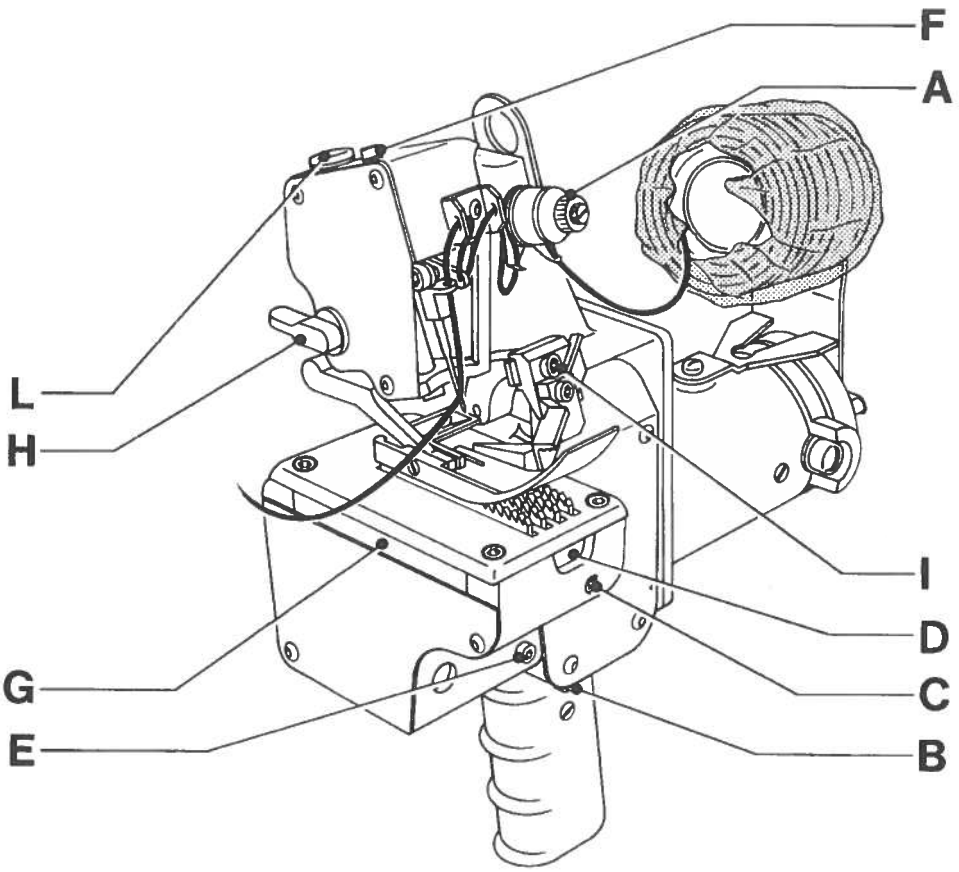
** Brush K166FV and cover brush K167FV are for 44 V motors. For 24 V. motors use brush K166 and cover brush K167

♤ Pressure foot TC662, needle plate TC610 and feather TC627 are standard. On request: pressure foot TC661, needle plate TC610-563, needle plate TC610-564 and feather TC628

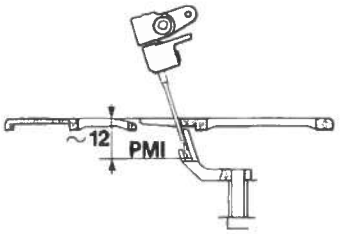
Δ See instruction "change of needle"

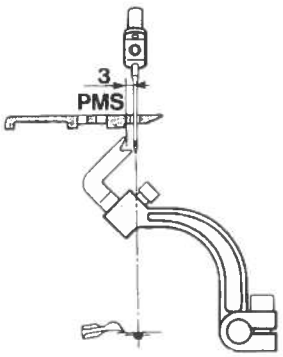
O Provided complete with TC527 and TC528

DRAWING 1

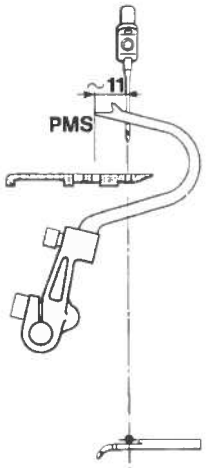


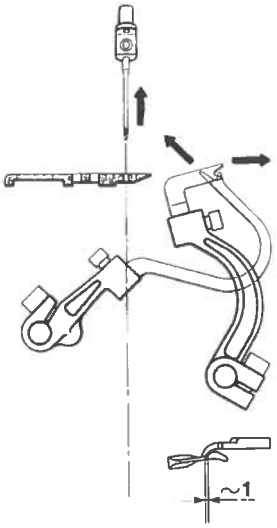
Fase Ago
Needle phase
Phase aiguille
Nadelphase
Fase aguja



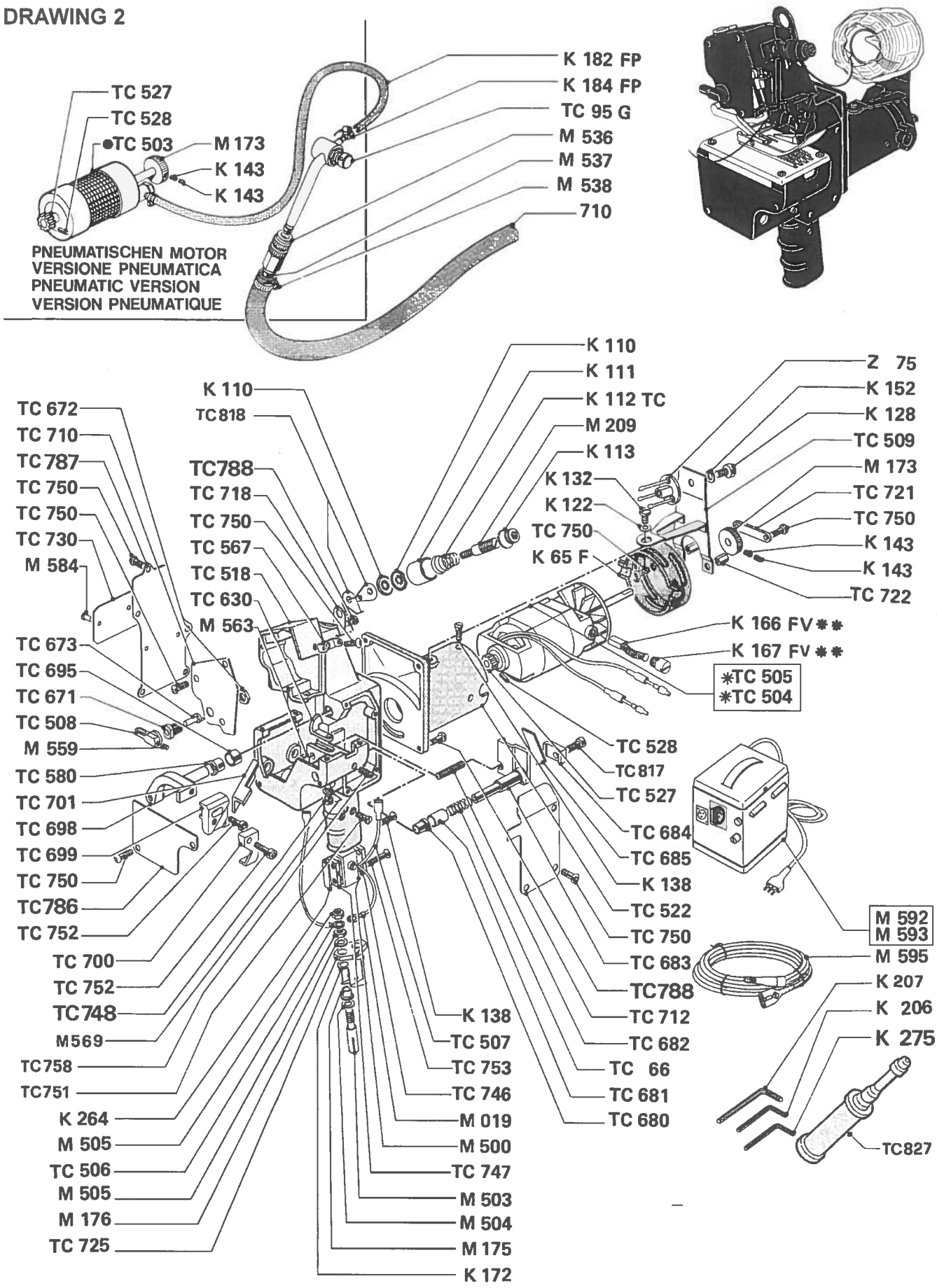


Fase Crochet Inferiore
Lower looper phase
Phase crochet inf.
Phase unteren haken
Phase Crochet inferior

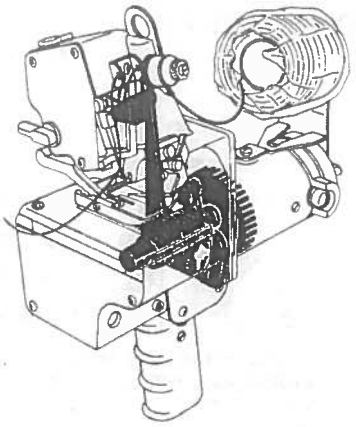


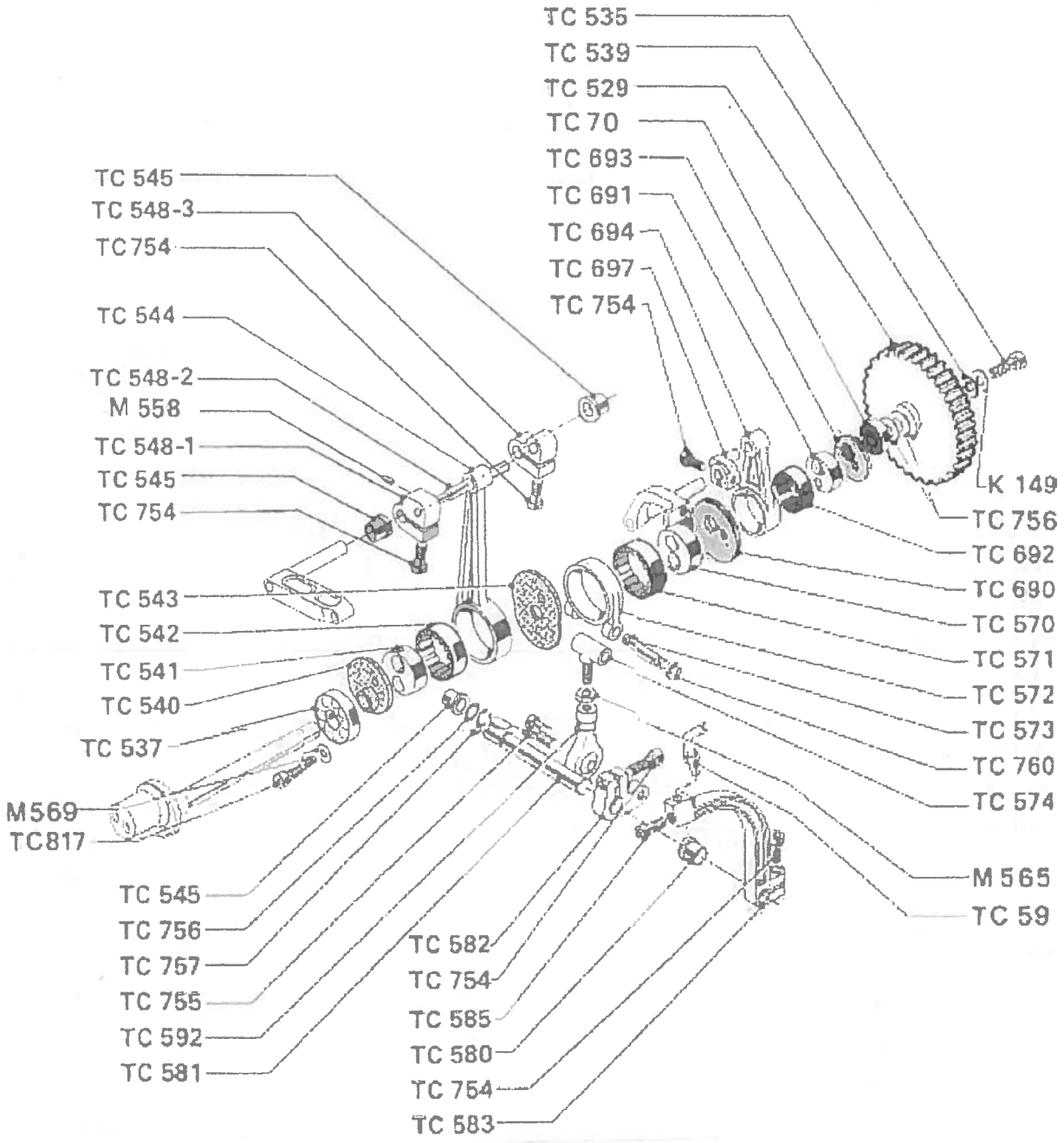


DRAWING 2

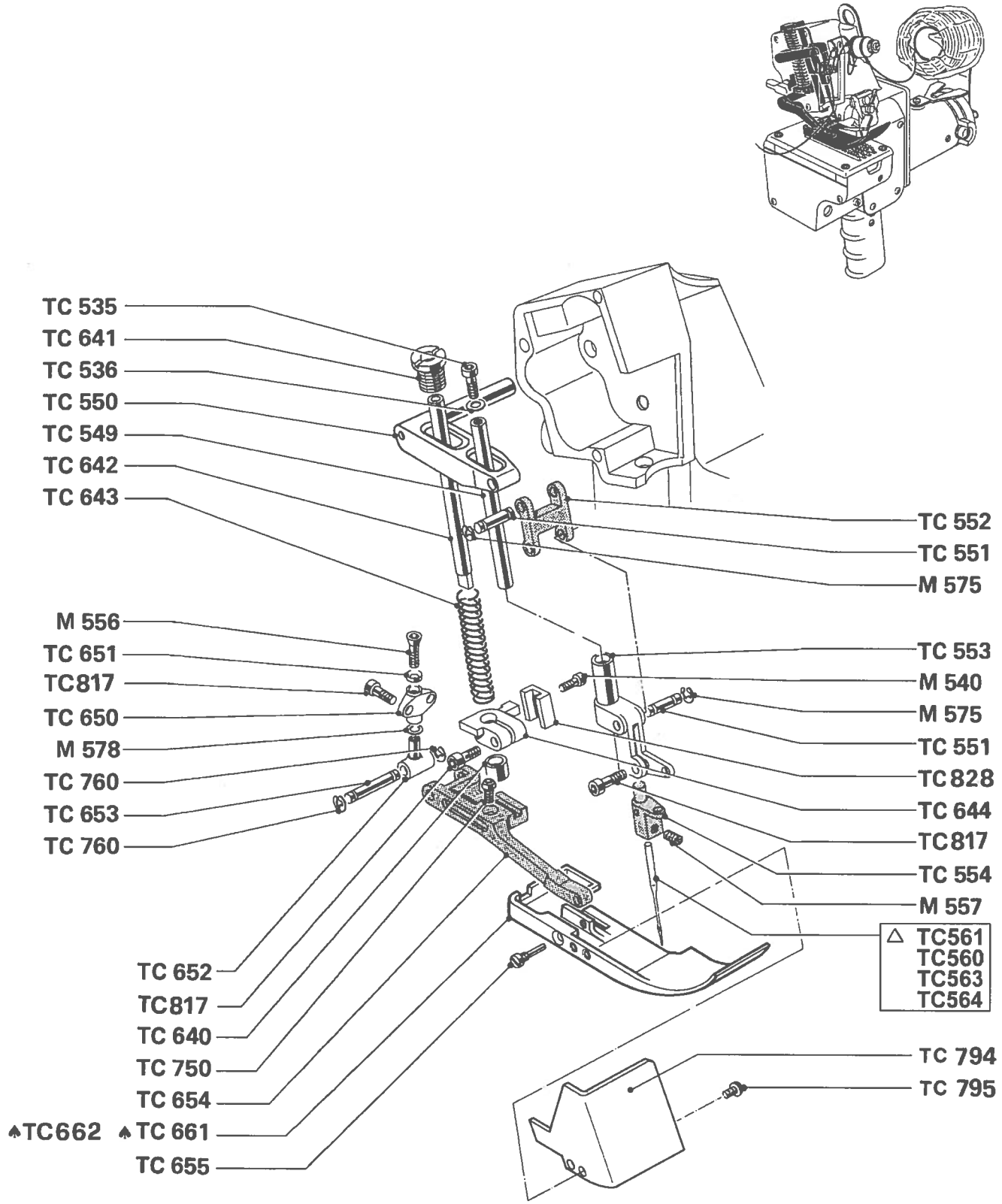

TC 527
TC 528
•TC 503
M 173
K 143
K 143
K 182 FP
K 184 FP
TC 95 G
M 536
M 537
M 538
710
PNEUMATISCHEN MOTOR
VERSIONE PNEUMATICA
PNEUMATIC VERSION
VERSION PNEUMATIQUE
K 110
K 111
K 112 TC
M 209
K 113
K 132
K 122
TC 750
K 65 F
Z 75
K 152
K 128
TC 509
M 173
TC 721
TC 750
K 143
K 143
TC 722
K 110
TC818
TC788
TC 718
TC 750
TC 567
TC 518
TC 630
M 563
TC 672
TC 710
TC 787
TC 750
TC 750
TC 730
M 584
TC 673
TC 695
TC 671
TC 508
M 559
TC 580
TC 701
TC 698
TC 699
TC 750
TC786
TC 752
TC 700
TC 752
TC748
M569
TC758
TC751
K 264
M 505
TC 506
M 505
M 176
TC 725
K 166 FV**
K 167 FV**
*TC 505
*TC 504
TC 528
TC817
TC 527
TC 684
TC 685
K 138
TC 522
TC 750
TC 683
TC788
TC 712
TC 682
TC 66
TC 681
TC 680
K 138
TC 507
TC 753
TC 746
M 019
M 500
TC 747
M 503
M 504
M 175
K 172
M 592
M 593
M 595
K 207
K 206
K 275
TC827

DRAWING 3

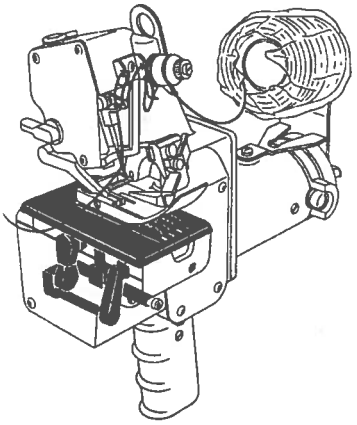


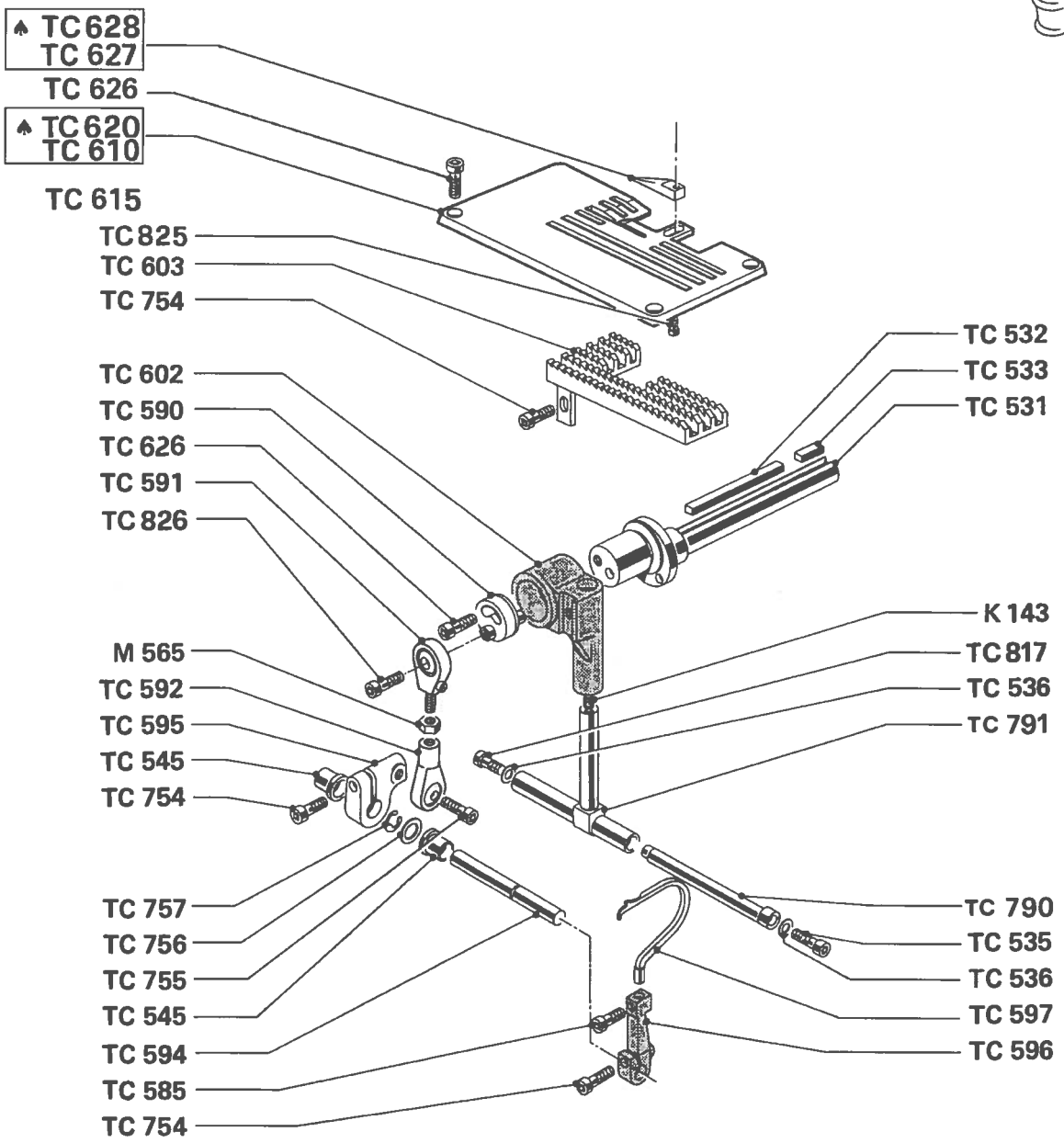


DRAWING 4



DRAWING 5





MONTI-MAC s.r.l.

Macchine da cucire speciali
e impianti di cucitura per l'industria tessile

VIA REPUBBLICA, 11 — 22075 LURATE CACCIVIO - COMO (ITALY)
PHONE +39 031 390 655 — FAX +39 031 390 095
www.montimac.it — E-mail: info@montimac.it