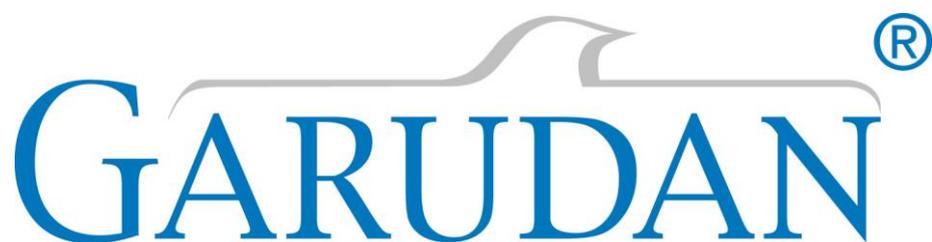


# User's Manual



**GP-110-147**

**GP-124-147**

ANITA B s.r.o.

Průmyslová 2453/7

680 01 Boskovice

Czech Republic

tel: +420 516 454 774

+420 516 453 496

fax: +420 516 452 751

e-mail: [info@anita.cz](mailto:info@anita.cz)

[www.garudan.cz](http://www.garudan.cz)

All rights reserved.

Property of Anita B s.r.o. and protected by copyright. The use of this content without written consent of Anita B s.r.o. is prohibited.

Copyright © Anita B s.r.o. (2018)

## Obsah

1 SAFETY .....	4
2 SPECIAL FEATURES AND APPLICATIONS.....	4
3 SPECIFICATIONS.....	5
4 CONTROLS .....	5
4.01 CONTROLS ON/OFF SWITCH .....	5
4.02 KEYS ON THE MACHINE HEAD.....	5
4.03 PEDAL.....	6
4.04 LEVER FOR LIFTING ROLLER PRESSER.....	6
4.05 KNEE LEVER .....	7
4.07 SWING OUT ROLLER PRESSER .....	7
5 INSTALLATION .....	8
5.01 ADJUSTING THE TABLE-TOP HEIGHT .....	8
5.02 FITTING THE REEL STAND .....	9
6 COMMISSIONING .....	9
6.01 INSERTING THE NEEDLE.....	9
6.02 WINDING THE BOBBIN THREAD, ADJUSTING THE THREAD TENSION.....	10
6.03 REMOVING/INSERTING THE BOBBIN CASE .....	11
6.04 THREADING THE BOBBIN CASE/ADJUSTING THE BOBBIN THREAD TENSION.....	11
6.05 THREADING THE NEEDLE THREAD AND REGULATING ITS TENSION (SINGLE NEEDLE). 12	
6.06 THREADING THE NEEDLE THREAD AND REGULATING ITS TENSION (DOUBLE NEEDLE)13	
6.07 SETTING THE STITCH LENGTH.....	14
7 CARE AND MAINTENANCE .....	14
7.01 SERVICING AND MAINTENANCE INTERVALS.....	14
7.02 CLEANING .....	15
7.03 OILING THE HOOK .....	16
7.04 OIL BOWL FOR HOOK LUBRICATION .....	16
7.05 LUBRICATING THE BEVEL GEARS.....	17
7.06 OILLING THE OIL RESERVOIR OF THE THREAD LUBRICATION UNIT .....	17

## 1 SAFETY

- This machine may only be operated by adequately trained operators and only after having completely read and understood the Instruction Manual!
- This machine may only be used for the purpose for which it is intended and may not be operated without its safety devices. All safety regulations relevant to its operation are to be adhered to.
- When exchanging sewing tools (e.g. needle, roller presser, needle plate and bobbin), when threading the machine, when leaving the machine unattended and during maintenance work, the machine is to be separated from the power supply by switching off the On/Off switch or by removing the plug from the mains!
- Everyday maintenance work is only to be carried out by appropriately trained personnel!
- Repairs and special maintenance work may only be carried out by qualified service staff or appropriately trained personnel!
- Work on electrical equipment may only be carried out by appropriately trained personnel!
- Work is not permitted on parts and equipment which are connected to the power supply.
- Modifications and alterations to the machine may only be carried out under observance of all the relevant safety regulations!
- Only spare parts which have been approved by us are to be used for repairs! We expressly point out that any replacement parts or accessories which are not supplied by us have not been tested and approved by us. The installation and/or use of any such products can lead to negative changes in the structural characteristics of the machine. We are not liable for any damage which may be caused by non-original parts.

## 2 SPECIAL FEATURES AND APPLICATIONS

Single/Double Needle Post-bed Sewing Machine (Thread Trimming, Backstitch Sewing, Presser Foot) is used for shoe manufacturing, It is especially available for sewing on medium heavy weight articles with arc-shaped, such as superior leather shoes, hand bags, gloves, caps etc, it ensures you easy daily maintenance.



Any and all uses of this machine which have not been approved of by the manufacturer are considered to be inappropriate! The manufacturer cannot be held liable for any damage caused by the inappropriate use of the machine! The appropriate use of the machine includes the observance of all operational, adjustment, maintenance and repair measures required by the manufacturer!

### 3 SPECIFICATIONS

Stitch type	DP5X16 (#11-#20)
Max stitch length	7 mm Single Needle, 5mm Double Needle
S.P.M	2000 r/min
Noise data	73db (±2.5db)
N.W	70 KG
G.W	76 KG

#### Sewing head dimensions:

Length	615 mm
Width	180 mm
Height (above table)	500 mm
Bedplate dimensions:	518 x 178 mm

### 4 CONTROLS

#### 4.01 CONTROLS ON/OFF SWITCH

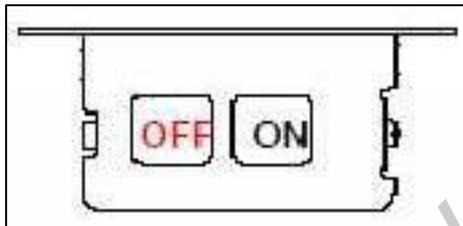


Fig. 1

Through the ON and OFF keys to switch on or off the power

#### 4.02 KEYS ON THE MACHINE HEAD

As long as key 1 is pressed during sewing, the machine sews in reverse. Keys 2 can be used for parameter settings

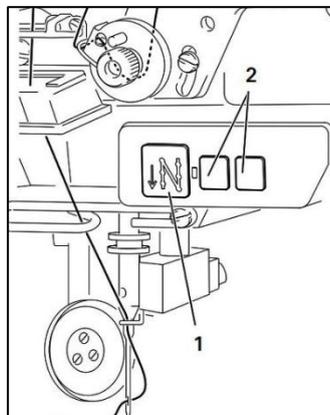
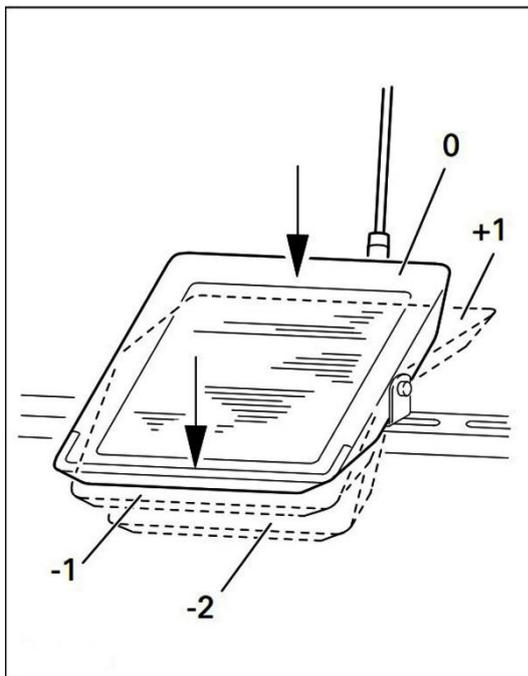


Fig. 2

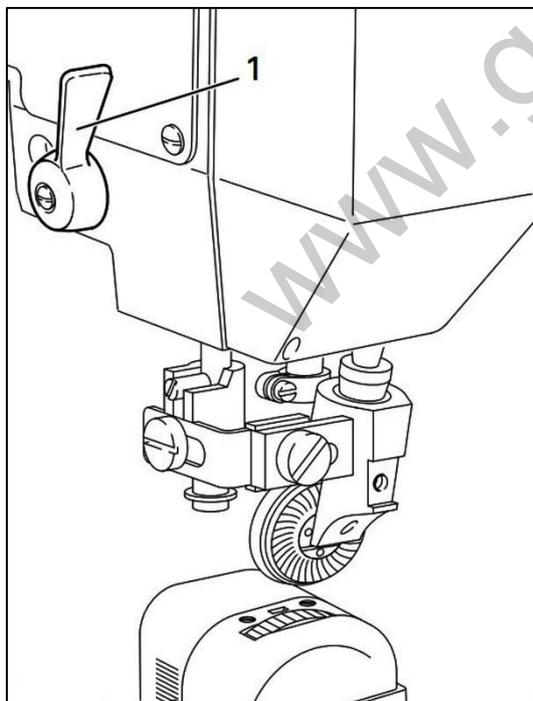
#### 4.03 PEDAL



- 0 = Neutral position
- +1 = Sewing
- 1 = Raise roller presser
- 2 = Trim sewing threads

Fig. 3

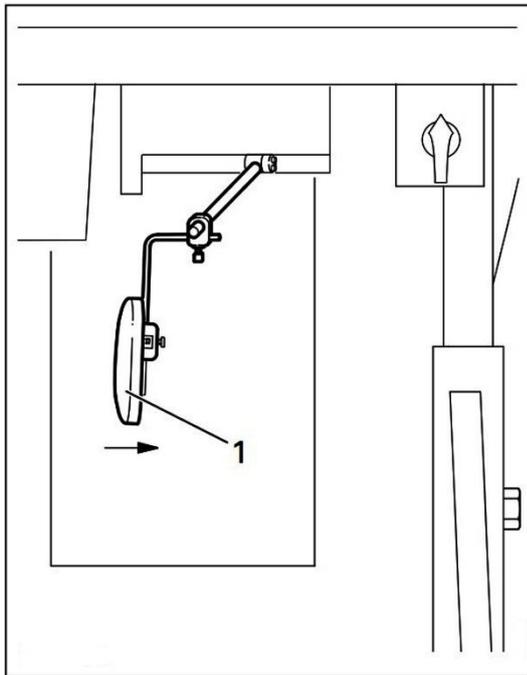
#### 4.04 LEVER FOR LIFTING ROLLER PRESSER



The roller presser can be raised by turning lever 1.

Fig.4

#### 4.05 KNEE LEVER



The roller presser can be raised by pressing the knee lever 1 in the direction of the arrow.

Fig. 5

#### 4.07 SWING OUT ROLLER PRESSER

When the roller presser is raised, it can be swung out by pulling it lightly down-wards.

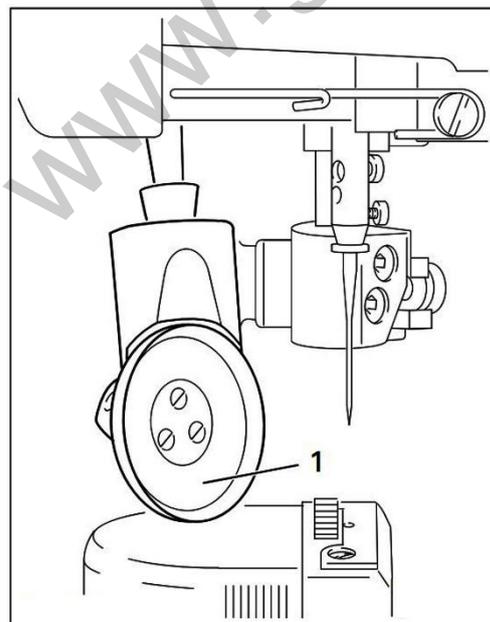


Fig. 6

## 5 INSTALLATION



The method of packaging used requires that the table top be lowered for transport. The following is a description of how to adjust the height of the table top.

### 5.01 ADJUSTING THE TABLE-TOP HEIGHT

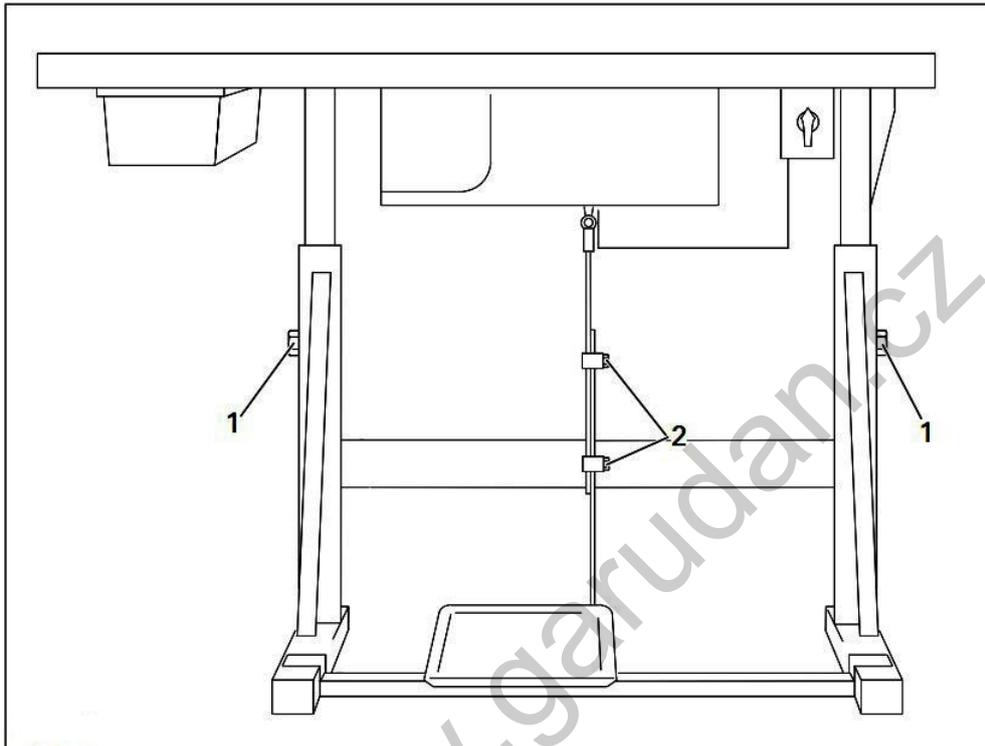


Fig. 7

Loosen screws 1 and 2 and set the desired table-top height

Tighten screws 1 well.

Adjust the position of the pedal so that you can operate it comfortably and tighten screw 2.

## 5.02 FITTING THE REEL STAND

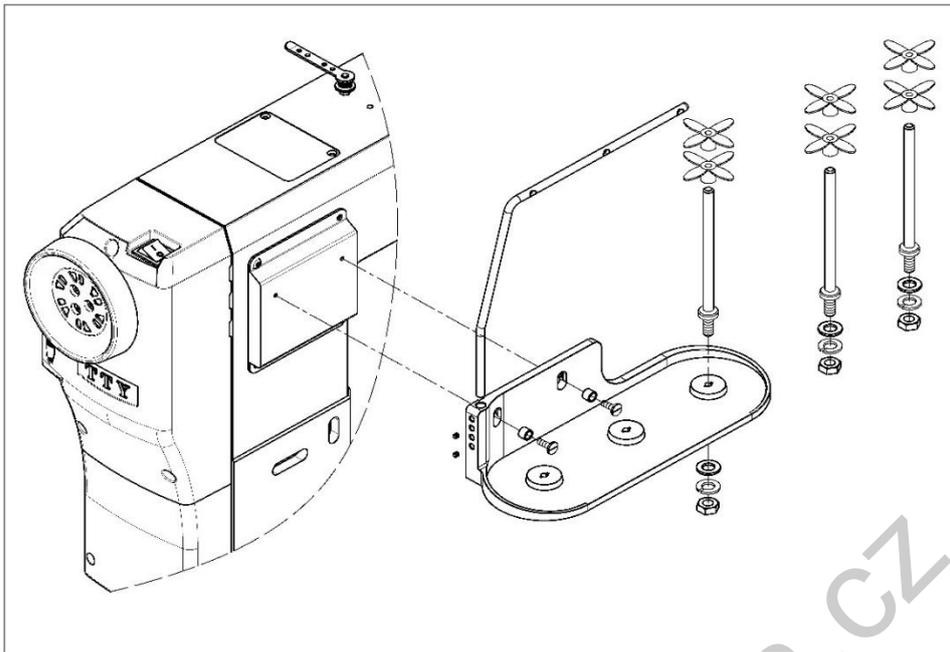


Fig. 8

Fit the reel stand as shown.

## 6 COMMISSIONING



All instructions and regulations in this instruction manual must be observed. Special attention must be paid to all safety regulations!



be carried out by personnel with the appropriate training. For all setting-up work the machine must be disconnected from its power supply by turning off the on/off switch, or removing the plug from the electric power socket.

### 6.01 INSERTING THE NEEDLE

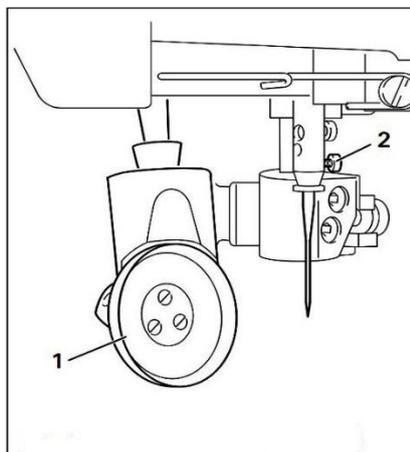


Fig. 9

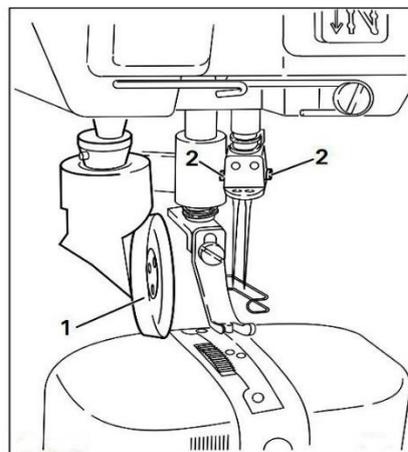


Fig. 10

Switch off the machine!



Danger of injury due to unintentional starting of the machine!

- Raise the roller presser 1 and swing it out.
- Loosen screw 2 and insert the needle as far as possible. The long groove must face to the left (Single Needle).
- Loosen screws 2 and insert the needles as far as possible. the long groove of the left needle is facing right, and that of the right needle is facing left (Double Needle) .
- Tighten screws 2 and swing roller presser 1 back into position.

## 6.02 WINDING THE BOBBIN THREAD, ADJUSTING THE THREAD TENSION

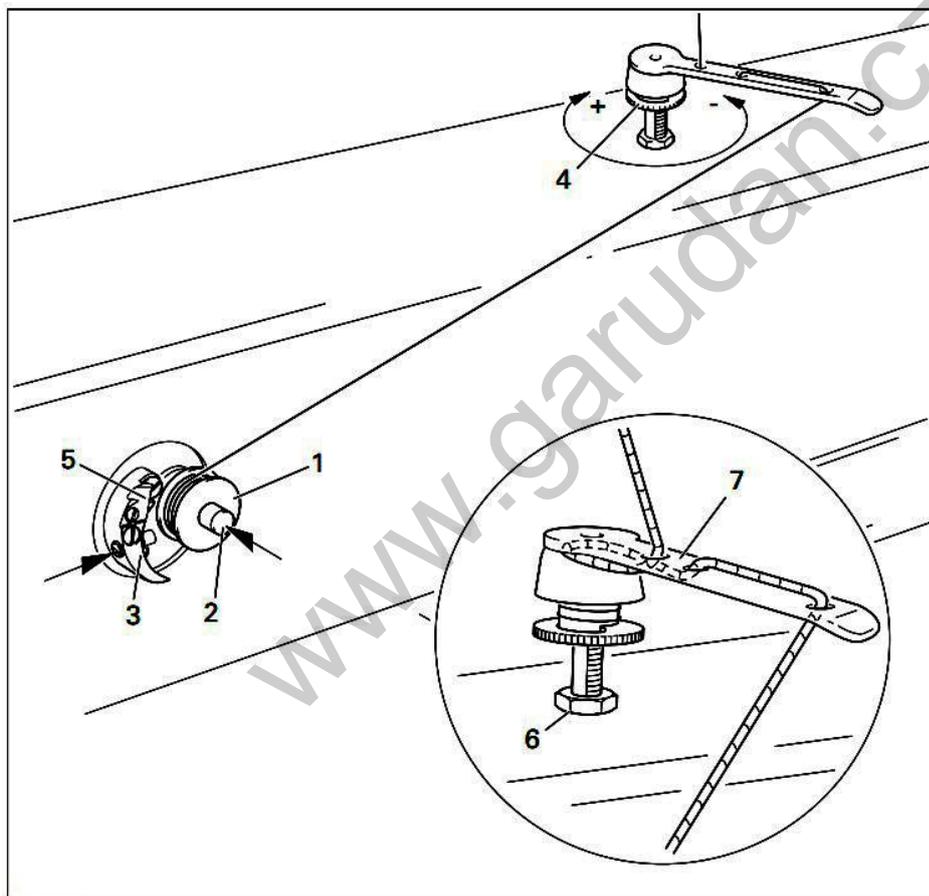


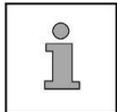
Fig. 11

- Place an empty bobbin 1 onto bobbin shaft 2.
- Thread the bobbin in accordance with the pictures and wind it anti-clockwise around bobbin 1 a few times.
- Switch on the bobbin winder while at the same time pressing bobbin winder spindle 2 and lever 3.



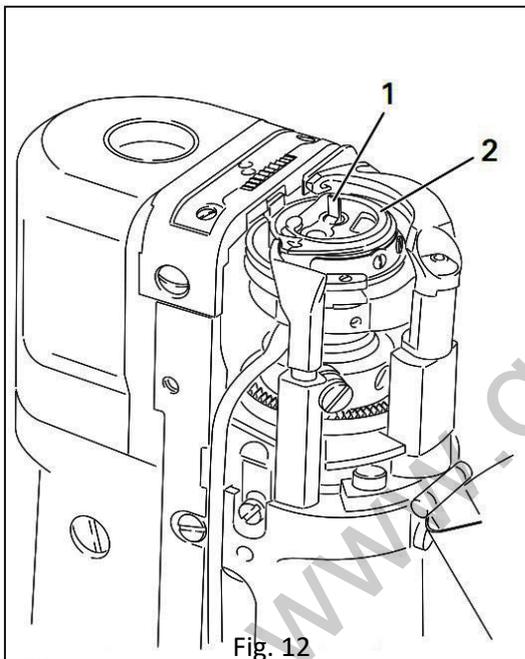
The bobbin fills up during sewing.

- The tension of the thread on bobbin 1 can be adjusted with knurled screw 4.
- The bobbin winder stops automatically when bobbin 1 is full.
- Remove the filled bobbin 1 and cut the thread on knife 5.



If the thread is wound unevenly, loosen nut 6 and turn thread guide 7 accordingly. Retighten nut 6 after the adjustment.

### 6.03 REMOVING/INSERTING THE BOBBIN CASE



Switch the machine off! Danger of injury if the machine is started accidentally!

Removing the bobbin case:

- Open the post cap.
- Raise latch 1 and remove bobbin case 2.

Inserting the bobbin case:

- Insert bobbin case 2.
- Close the latch and close the post cap.

### 6.04 THREADING THE BOBBIN CASE/ADJUSTING THE BOBBIN THREAD TENSION

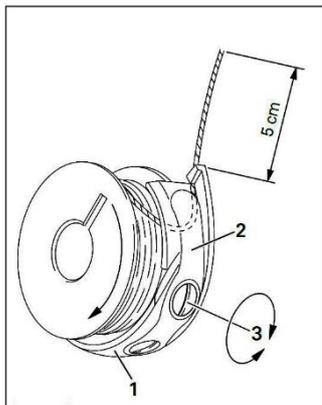


Fig.13

Insert the bobbin into the bobbin case 1  
Pass the thread through the slot under spring 2.  
Pass the thread through the notch.  
Adjust the thread tension by turning screw 3.

## 6.05 THREADING THE NEEDLE THREAD AND REGULATING ITS TENSION (SINGLE NEEDLE)

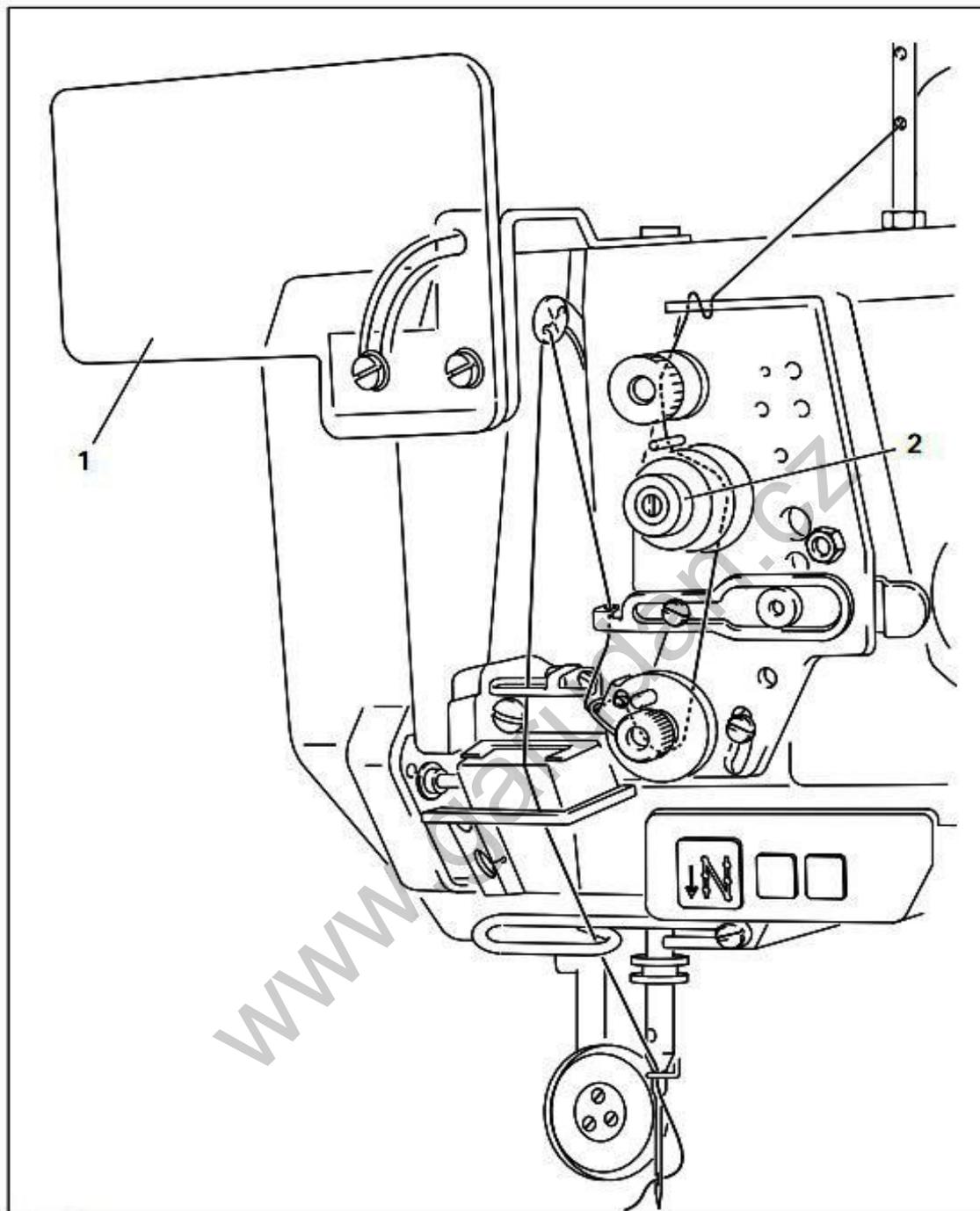


Fig. 14



Switch the machine off!  
 Danger of injury if the machine is started accidentally!

- Tilt up the eye guard 1.
- Thread the needle thread as shown.  
 The needle is threaded from the left to the right.
- Adjust the needle thread tension by turning milled screw 2

## 6.06 THREADING THE NEEDLE THREAD AND REGULATING ITS TENSION (DOUBLE NEEDLE)

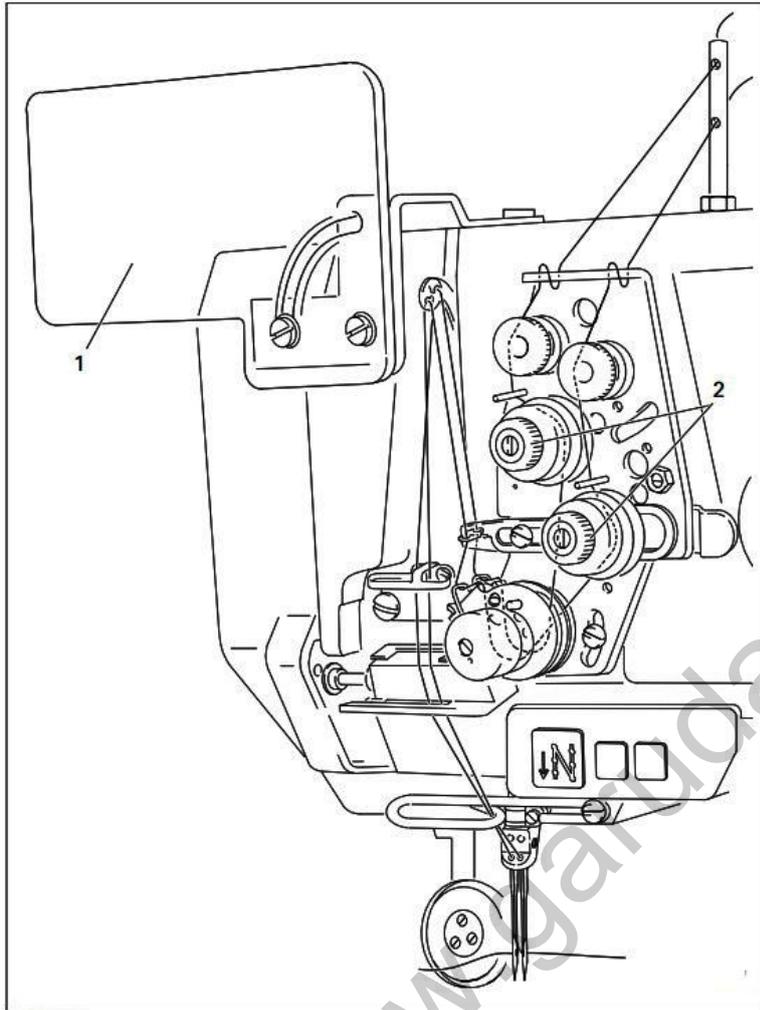


Fig. 15



Switch the machine off!  
Danger of injury if the machine is started accidentally!

- Tilt up the eye guard 1.
- Thread both needle threads as shown.
- The left needle is threaded from the right to the left, and the right needle from the left to the right.
- Adjust the needle thread tensions by turning milled screws 2.

## 6.07 SETTING THE STITCH LENGTH

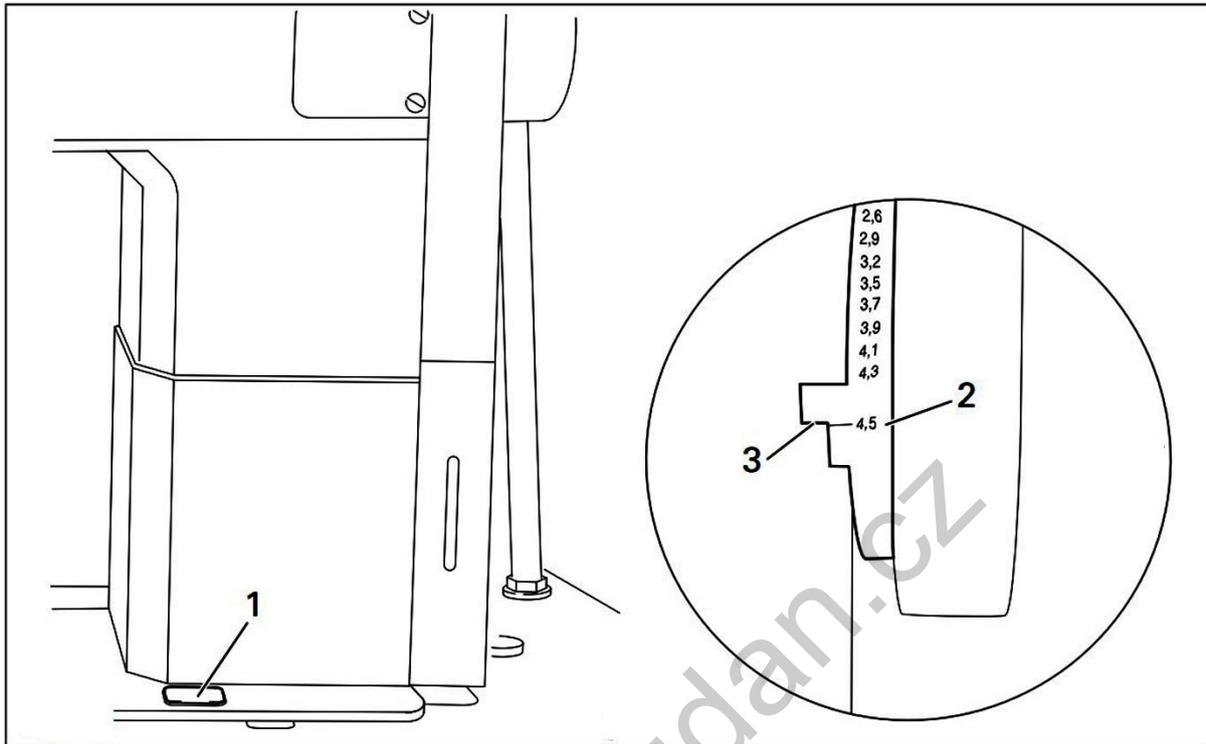


Fig. 16

- Press key 1 and at the same time turn the balance wheel until the stitch setter clicks into position.
- Hold down key 1 and turn the balance wheel to and fro until the stitch length required is shown on the scale 2 opposite the bottom edge 3 of the belt guard recess.

## 7 CARE AND MAINTENANCE

### 7.01 SERVICING AND MAINTENANCE INTERVALS

Clean	daily, more frequently if in continuous operation
Oil level (thread lubrication/hook lubrication)	daily, before use
Oil the hook	daily, before use
Lubricate the bevel gears	once a year

## 7.02 CLEANING

Clean the hook, hook compartment and toothed wheel 3 daily, several times if in continuous use.

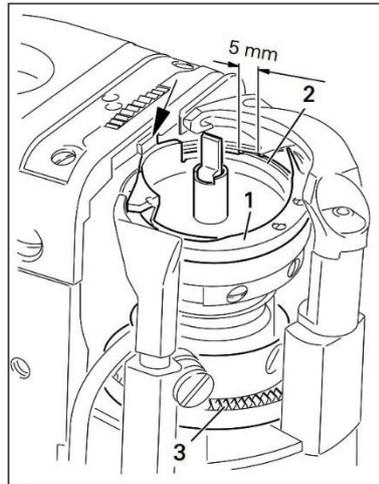


Fig. 17



Switch the machine off!  
Danger of injury if the machine is started accidentally!

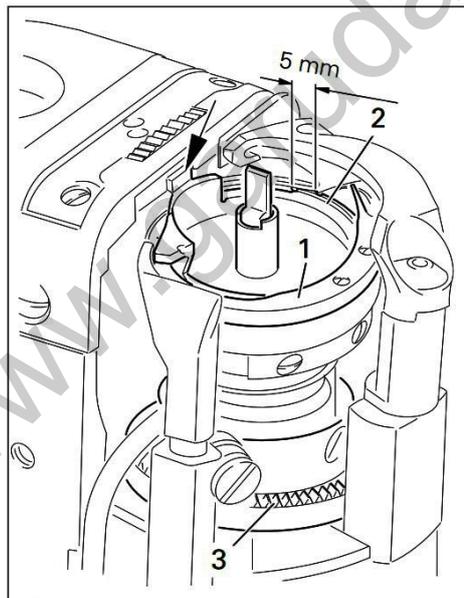


Fig. 18

Bring the needle bar to its highest position.

- Open the post cap and remove the bobbin case cap and the bobbin.
- Unscrew hook gib 1.
- Turn the handwheel until the point of bobbin case 2 penetrates into the groove of the hook race approx. 5 mm.
- Remove bobbin case 2.
- Clean the hook race with paraffin.
- When inserting the bobbin case 2, ensure that the horn of the bobbin case 2 engages in the groove of the needle plate.
- Screw hook gib 1 back on and close the post cap.

### 7.03 OILING THE HOOK

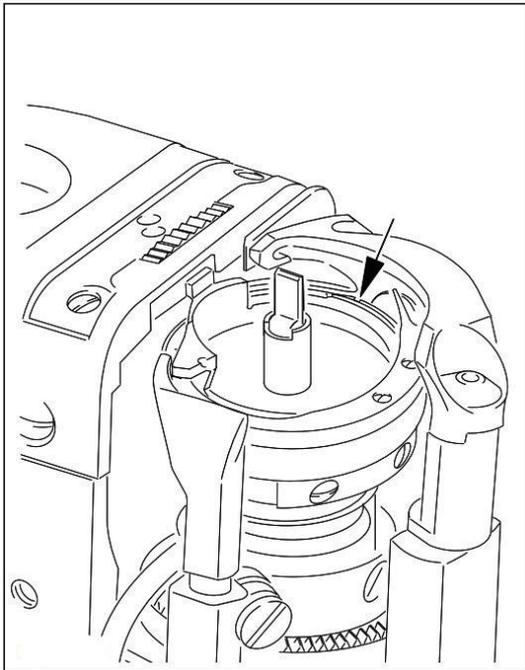


Fig. 19



Switch the machine off!  
Danger of injury if the machine is started accidentally!

- Before commissioning the machine, and after long periods out of operation, pour a few drops of oil into the hook race (see arrow).

### 7.04 OIL BOWL FOR HOOK LUBRICATION

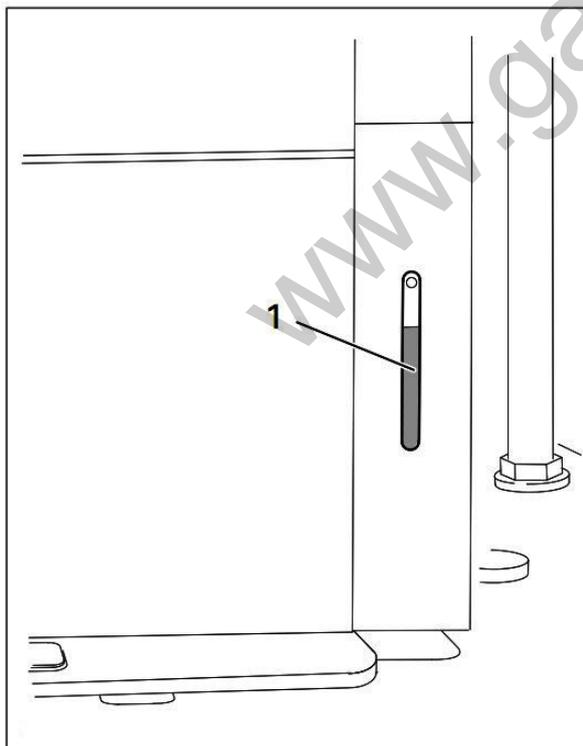


Fig. 20



Check the oil level before each use.  
There must always be oil in reservoir 1.

- If required refill oil through hole.

## 7.05 LUBRICATING THE BEVEL GEARS

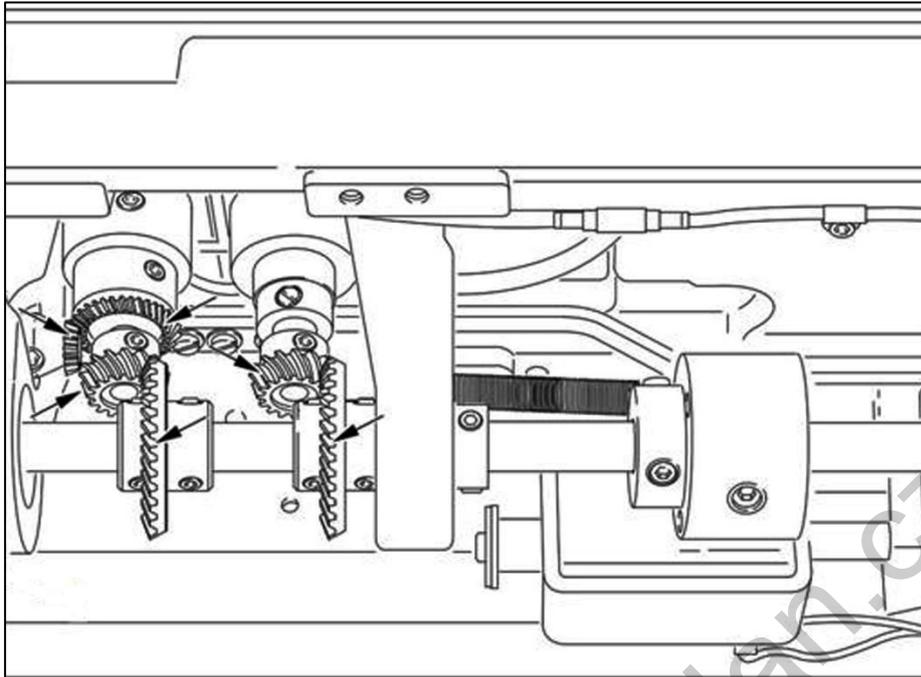


Fig. 21



Switch the machine off!  
Danger of injury if the machine is started accidentally!

- All bevel gears must be supplied with new grease once a year.
- Tilt the sewing head back onto the support.

## 7.06 OILING THE OIL RESERVOIR OF THE THREAD LUBRICATION UNIT

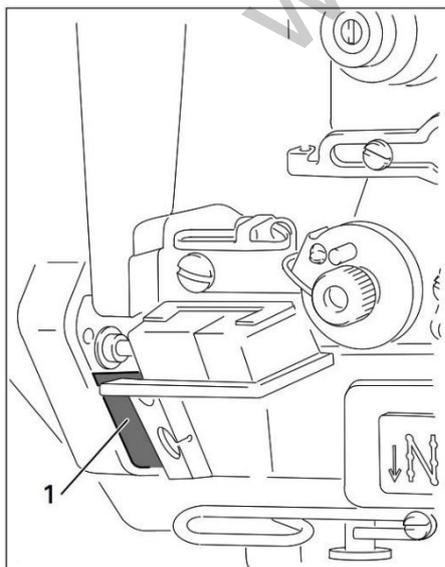


Fig. 22



Check the oil level before each use.  
There must always be oil in reservoir 1.

- If required refill oil through hole.

