

Operating instruction



tesa 6056



Bench dispenser with preset length control and electromagnetic cross-cutter for clean cutting of tesa self-adhesive tapes





Table of contents

Cover	1
Table of contents	2
Information about sales, producer, service	3
Introduction	4
Initial remarks	4
Technical data	5
Mounting and start of the machine	6
Change over	6
Tuning and processing	7
Maintenance and cleaning	7
Inspection	7
Repair	8
Summary of special security Instructions	8
Position Diagram	9
Spare parts list	10
Reference diagram for spare parts	11
Guarantee bond	12



Sales in the European Union (only english speaking countries)

tesa UK Ltd.
Yeomans Drive, Blakelands
Milton Keynes/Buckinghamshire
MK 14 5LS
Telefon: +44 1908 211333
Telefax: +44 1908 211555

Production and service

B & K Apparatebau Knecht GmbH
Neustraße 19
D-56348 Weisel
Telefon: +49 (0) 6774 1217
Telefax: +49 (0) 6774 1438



Introduction

The tesa automatic dispenser is universally applicable for nearly all kinds of tesa self adhesive tape up to 50mm width, particular cloth and paper tapes. Even difficult to cut tesa tapes (f.e. filament reinforce adhesive tapes) are cut perfectly.

Due to the electromagnetic triggered transverse blade a smooth clean cut is achieved.

A single movement of the hand is, therefore, sufficient for unrolling, cutting and removing a tesa strip of predetermined length.

Initial remarks

The user is responsible for due and regular installation of the machine in accordance with the applicable local regulations.

In case of interventions by unauthorized persons or not duly qualified persons causing damages to the machine all warranty rights concerning the total unit have been subject to such interventions will become null and void. The same applies solicited by the user from any third party.

The manufacturer reserves the right to constructional modifications without prior notice without incurring any obligation to perform these modifications on the machine already delivered, too.

The product tesa 6056 is used successfully in many sectors to solve a variety of problems. Our publication contains numerous examples of such uses, intended to help towards a solution of your particular problems. tesa 6056 has been developed for a particular range of applications. Nevertheless, experience has shown that even for one and the same objective, the exact requirements may differ from case to case. We, therefore, recommend that you carry out your own tests in each case. The Advisory Service of our Technical Service Department will be happy to assist. All information and recommendations are given by us in good faith, on the basis of practical experience, but without warranty.

Technical data

Width	150 mm
Hight (without tape)	152 mm
Length	340 mm
Weight (without tape)	5,5 kg
Packaging	1 piece per box
Connections	230 V, 50 Hz
Current	7A
Power supply	10W
Core diameter	76 mm
max. roll width	50 mm
max. roll diameter	180 mm
Length presetting	30 bis 150 mm, endless
Cutting cycle	600/h
A weighted permanent sound level at max. cutting cycle (measure in 1 m above the machine without tape)	76 db(A)



Mounting and start of the machine

- 1.) The machine will be delivered fully mounted.
- 2.) The machine can be fixed firmly to the working table with four screws (not included). For this purpose the machine has been respective loops (*position 1 off position diagram*) to fix the screws.
- 3.) The plug must be connected.
- 4.) The machine has to be switched on at the switch key to "Ein" (*pos. 2*) at the side of the machine.
- 5.) The machine is ready for use.

Change over

- 1.) Mounting of the tesa tape onto the tape Wheel.
The tesa tape wheel (*pos. 3*) is pulled out of its hold and pulled apart. The tesa tape is mounted onto the wheel and the wheel is stuck together and put into its hold.
- 2.) It must be assured that the adhesive mass is directed downwards (in working position).
- 3.) The tesa tape is led below the swivel pin (*pos. 4*).
The swivel pin can be erected. The erection is achieved by a sideways push to the catch (*pos. 5*). The swivel pin erects. After leading the tesa tape the swivel pin has to be pushed with soft pressure downwards until it reaches the catch.

Tuning and processing

- 1.) The impact force of the knife can be adjusted at the impact control unit at the side of the machine (pos. 6). Set a lower impact force for tapes which are easy to cut, such as filmic tapes of smaller width, to minimize impact noise and dispenser strain.
- 2.) The desired strip length is set on the measuring scale (covered) on the left-hand side of the dispenser in a range from 30 to 150 mm. For strips longer than 150 mm, the measuring roller is switched to continuous operation.
- 3.) The tesa tape is unrolled by hand until the measuring roller (pos. 7) blocks. At continuous operation there is no blocking.
- 4.) To cut the tesa tape the tape is pulled gently downwards until the electromagnetic cross cutter is triggered via micro-switch (pos. 8).

Security Instruction:
The micro-switch may not be triggered by hand!

Maintenance and cleaning

Security Instruction:
The main plug must be removed before any work is done on the machine!

- 1.) From time to time, the felt insert (pos. 9) should be lightly oiled with resin-free oil.
- 2.) Adhesive residues are easy to remove with acetone.
- 3.) For need the blade must be replaced:
The fixing screws are undone, which are accessible through the slot (pos. 10) in the front side of the dispenser.
The old blade must be removed.
The new blade must be set in.
The fixing screws must be pulled tight.
- 4.) The cleaning of the outer parts is done by using a moist piece of cloth.

Inspection

No inspections are necessary to maintain the workability of the dispenser.



Repair

Any technical interventions on the electrical part of the machine must be performed by personnel of our technical service department or the machine has to be sent to the manufacturer's works for check-up.

The exchange of parts, which need to be repaired, may only be performed from qualified personnel. In case of doubt all work must be performed by our technical service or the machine has to be sent to the manufacturer's works for a check-up.

Only original spare parts may be used. Please compare the spare parts list and the reference diagram for spare parts.

Summary of special security instructions

The main plug must be removed before any work is done on the machine.

The micro-switch may not be triggered by hand.

Any technical interventions on the electrical part of the machine must be performed by personnel of our technical service department or the machine has to be sent to the manufacturer's works for a check-up.

Only original spare parts may be used.

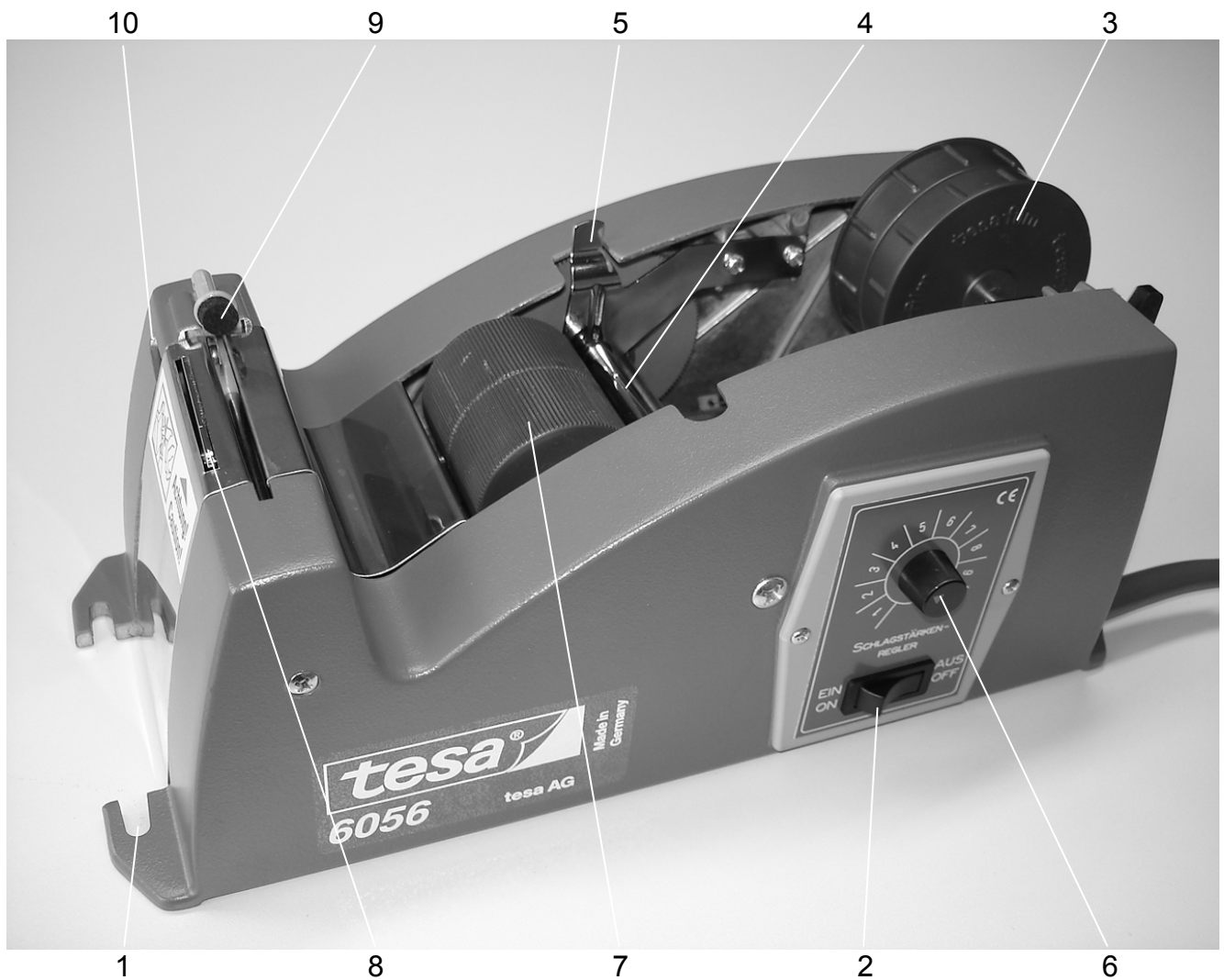
Position diagram for

Mounting and start of the machine

Change over

Tuning and processing

Maintenance and cleaning

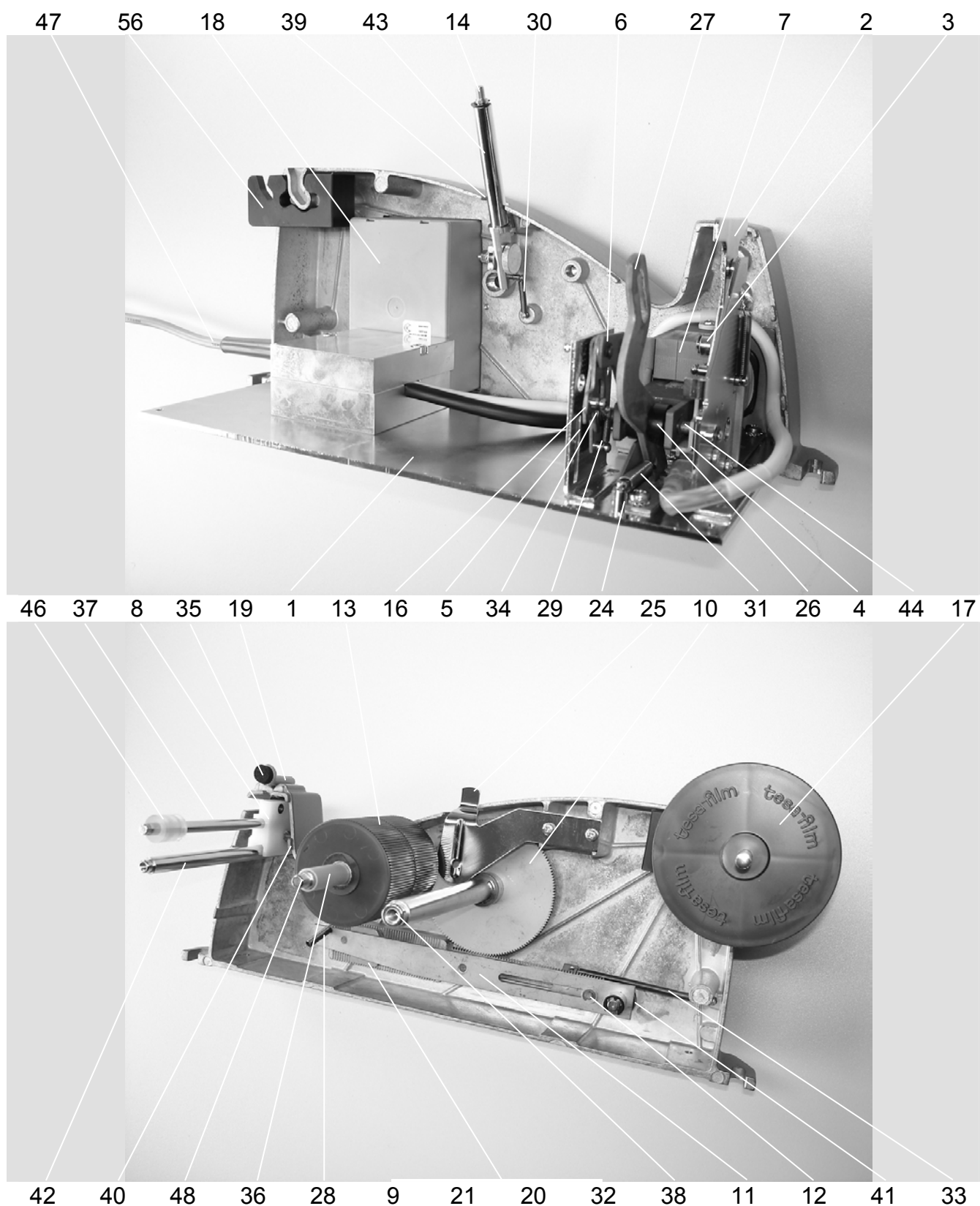


Spare part list

Part	Description
1	Pedestral plate
2	Pusher
3	Lever for part 2
4	Release lever for micro-switch
5	Sliding lever
6	Rectangular lever
7	Lifting magnet, complete
8	Blade carrier
9	Plastic handle
10	Gearwheel
11	Lever
12	Toothed rack
13	Measuring roller, complete
14	Swivel pin
15	Micro-switch (not illustrated)
16	Slide swivel lever
17	Tape wheel, complete
18	Impact control unit, complete
19	Transverse blade
20	Guiding with length indicator
21	Stopper
22	Frontcover plate (not illustrated)
23	Rear cover plate (not illustrated)
24	Bock (guiding for magnet core)
25	Catch for part 14

Part	Description
26	Roller for magnet core
27	Link for plade
28	Tension spring
29	Tension spring for part 5
30	Tension spring for part 14
31	Tension spring for part 27
32	Pressure spring
33	Tension spring for part 12
34	Tension spring for part 16
35	Felt insert
36	Distance sleeve
37	Gliding axle for part 8
38	Axle for gear wheel
39	Stopper for part 14
40	Stopper (small) for part 8
41	Stopper for part 12
42	Guiding axle for part 8
43	Sleeve for part 14
44	Bolt for magnet core
46	Stopper (wide) for part 8
47	Connection cable with plug
48	Axle for measuring roller
54	Bracket (bearing for part 27)
55	Pin 3 x 12 (bearing for part 27)
56	Adapter roll holder (set)

Reference diagramm for spare parts



Guarantee bond of B & K Apparatebau KNECHT GmbH

B & K Apparatebau KNECHT GmbH offers a 24 month guarantee from the date of receipt covering the material and manufacturing of a and a tesa-Automat 6056.

The buyer is only entitled to claim repair. **B & K Apparatebau KNECHT GmbH** can choose replacement instead of repair. Any defective part replaced shall be the property of **B & K Apparatebau KNECHT GmbH**.

In case of the sellers failure to repair or replace defective goods, the buyer is entitled, within the period of guarantee, to withdraw from the contract (rescission of sale) or to claim the reduction of the purchase price. The buyer has to give immediate written notice of any defects to **B & K Apparatebau KNECHT GmbH**.

For the guarantee claim, the buyer must provide a proof of purchase (original receipt or invoice).

This guarantee shall expire if the goods supplied have been altered by the buyer or any other, non-authorized third party. This guarantee does not include damages caused to the supplied goods by improper treatment, operation or storage, force majeure or other external, adverse effects.

No extra costs will be charged by our service agency for performances to be effected under this guarantee. Freight and forwarding expenses for the lowest-price return shipment within the Federal Republic of Germany are at the expense of **B & K Apparatebau KNECHT GmbH**.

Any performances not covered by this guarantee will be charged.