

INSTRUCTIONS FOR USE AND MAINTENANCE MANUAL

**SKIVING TOOL
A-600**

CONTENTS

0	FOREWORD	2
1	MACHINE IDENTIFICATION	3
1.1	IDENTIFICATION AND CE PLATE	
1.2	CE CONFORMITY DECLARATION	
2	SAFETY AND ACCIDENT PREVENTION	3
2.1	MANUAL	3
2.1.1	Special notes	
2.2	WARNING PLATES	4
3	CONDITIONS OF USE	4
3.1	APPROPRIATE USE	4
3.2	GUARANTEE	5
3.3	AFTER-SALES SERVICE	
4	SAFETY INFORMATION	6
4.1	SAFETY STICKERS	6
5	RESIDUAL RISKS	6
5.1	NOISE	6
5.2	CRUSHING	6
5.3	ABRASIONS	6
6	MACHINE COMPONENTS	7
6.1	REFERENCES	7
6.2	ACCESSORIES PROVIDED	7
7	USE OF THE MACHINE	7
7.1	SET-UP	7
7.2	ZERO SETTING OF FRONT EDGE OF SKIVING PLATE	
7.3	REGULATION OF SKIVING ANGLE	7
7.4	BELT SKIVING	7
7.5	REPLACING WORN SANDING BELT	8
7.6	REPLACING WORN SKIVING PLATE	8
8	MACHINE STOP	8
9	CLEANING	8
10	MAINTENANCE	8
11	SPARE PARTS	8

0 FOREWORD

This manual contains instructions for the use and maintenance of the machine:

Habasit Italiana spa

SKIVING TOOL

Series A-600/6 115V
A-600/7 230V



Observance of the instructions in this manual will ensure safety during operation of the machine.

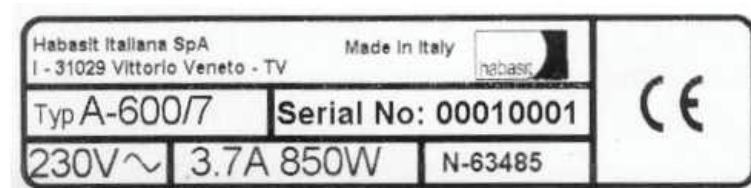
HABASIT Italiana S.p.A. declines all responsibility for any damage caused by negligence or failure to observe the instructions.

1 MACHINE IDENTIFICATION

TYPE/MODEL	SKIVING TOOL
SERIES	A-600

1.1 IDENTIFICATION AND CE PLATE

An identification plate similar to the one below is affixed to the machine.



This plate **MUST NEVER BE REMOVED** for any reason whatsoever. The machine cannot be sold without the plate.

1.2 CE CONFORMITY DECLARATION

In order to fulfil European Directive 98/37/CE HABASIT Italiana S.p.A. provides with the machine a declaration that:

- the machine is the one described (model, serial number, year of manufacture);
- the machine complies with the directives and relevant standards;
- the machine carries the **CE** mark plate.

2 SAFETY AND ACCIDENT PREVENTION

2.1 MANUAL

The instructions manual is consigned with the machine, of which it must be considered an integral part. Keep in a safe place and ensure that it is made available to the personnel responsible for installation, use and maintenance of the machine. The machine cannot be sold without the manual.

2.1.1 Special notes

For the safety of operators, the following signs are illustrated in the text. The operator must always observe such signs carefully.



This sign warns that the operator must carry out the operations described properly, otherwise s/he will run the risk of damage or injuries which could have serious consequences for his/her safety.



This sign warns that the operator must carry out the operations described properly, otherwise s/he will run the risk of possible hazards, without serious damage or injury taking place.



This sign warns that if the operator does not carry out the operations described properly, the machine could suffer damage.

2.2 WARNING PLATES

The plates illustrated below are attached to the machine for the purposes described:



THE USE OF PROTECTIVE GLOVES IS COMPULSORY



THE USE OF EAR PLUGS OR MUFFS IS COMPULSORY



DANGER OF CUTS TO THE HANDS



DANGER OF CRUSHING THE HANDS

3 CONDITIONS OF USE

3.1 APPROPRIATE USE

The A-600 skiving tool is designed for safe rapid skiving of Habasit belts of any width (up to 600 mm/23.5 in. per operation) and 6 mm/0.24 in. thick.



The A-600 skiving tool is designed, proportioned and built exclusively for the purpose described above. The manufacturer cannot be held responsible for damage to persons and/or things caused by inappropriate use.

This machine is unsuitable for operation where there is danger of explosions.

3.2 GUARANTEE

The A-600 is guaranteed against manufacturing faults for a period of one year from the date of purchase. All components undergo strict final testing and if they are used properly they are guaranteed for one year against faulty materials.



The guarantee is no longer valid if the machine is used wrongly or differently from the way described and illustrated in this manual.
WRONG USE, NEGLIGENCE, POWER SUPPLY WITH DIFFERENT VOLTAGE OR ATTEMPTS TO REPAIR OR ALTER THE MACHINE BY UNAUTHORIZED PERSONNEL WILL NULL THE TERMS OF THE GUARANTEE.

3.3 AFTER-SALES SERVICE

When requesting after-sales service or ordering spare parts, please give the relevant codes shown in the attached drawing (Plate 2).

To order spare parts for the belt sander, consult the MAKITA instructions manual for model 9900-B.

All requests must be addressed to:

HABASIT Italiana S.p.A.
Via Meucci, 8
31029 VITTORIO VENETO (TV)

tel. 04389113
fax 0438912374

4 SAFETY INFORMATION

4.1 SAFETY STICKERS

Suitable safety stickers have been applied to the machine. Each operator must read them and learn the meaning of the symbols used (see paragraph 2.2 'Information Plates').



AVVERTENZA

The stickers must not be removed, defaced or destroyed.

5 RESIDUAL RISKS

The machine has the following residual risks:

5.1 NOISE



AVVERTENZA

The use of ear plugs or muffs is compulsory during operation of the machine

5.2 CRUSHING



AVVERTENZA

The use of gloves is compulsory during operation of the machine.

5.3 ABRASIONS



AVVERTENZA

The use of gloves is compulsory during operation of the machine.

6 MACHINE COMPONENTS

6.1 REFERENCES

- PLATES 1 – 2
- MAKITA 9900-B INSTRUCTIONS MANUAL.

The machine comprises the following parts:

- support base to which the strip/belt and tool guides are fixed.
- electric tool (belt sander), complete with brackets and special ball bearings to facilitate fitting to the tool guides on the base.

6.2 ACCESSORIES PROVIDED

- 1 SW 4 (N-21610) setscrew wrench
- 1 SW 5 (N-21620) setscrew wrench
- 1 SW 8 (N-21729) pin wrench
- 40 grain sanding belts (N-28604)
- 60 grain sanding belts (N-28605)

7 USE OF THE MACHINE

7.1 SET-UP

Place the base on a flat surface. Fit the belt sander and connect to the power supply.

To set up and use the belt sander, read the operating instructions in the manual for the MAKITA belt sander, model 9900-B.

7.2 ZERO SETTING OF FRONT EDGE OF SKIVING PLATE

Check that the four ball bearings (2) on the belt sander are resting on the guides.

If so, turn on the belt sander and slide back and forth along the width of the skiving plate.

The front edge of the skiving plate (3) should show signs of uniformly distributed scratching.

If so the zero setting is correct.

If this is not the case, slightly loosen the knurled nut (4) on the right or left of the tool and raise the skiving plate (3) by turning the eccentric knob (5) until a light metallic noise of sanding can be heard. Hold the eccentric knob (5) in place and tighten the knurled nut (4).

If the four ball bearings (2) on the belt sander are not resting on the guides (1), loosen the knurled nuts (4) on both sides and slightly lower the skiving plate (3) by means of the eccentric knobs (5), turn on the belt sander and fix zero as described above.

7.3 REGULATION OF SKIVING ANGLE

Loosen the knurled nuts (6) on both sides and turn the knurled screws (7) until the bottom edge of the wooden plank is aligned with the notch on the scale (8) (0 = very thin belts, 4 = very thick belts).

Hold the knurled screws (7) in place and tighten the knurled nuts (6)

7.4 BELT SKIVING

Place the belt under the clamp rail (9) and secure with the locking device (9). Centre belts of widths below 600 mm/23,5 in on the plate. Fit the stop (10) on both sides so that the sanding belt cannot pass over the belt edges.

Place the belt sander on the belt and guides (1), turn on and move slowly back and forth over the full width of the belt until the four ball bearings (2) are resting on the guides (1) or until a light sanding noise can be heard.

For belts with widths below 600 mm/23,5 in: turn off and remove the belt sander from the belt, clean the dust off the belt and skiving plate (3). Push the belt to the right or left and repeat the procedure.

Remove the belt, clean the sanding dust off the skiving plate (3) and repeat the procedure on the other edge of the belt.

7.5 REPLACING WORN SANDING BELT

See the instructions in the operating manual for MAKITA, model 9900-B

7.6 REPLACING WORN SKIVING PLATE

Remove the dust tray (11) and stand the skiving tool upright.

Use the SW 5 wrench to remove the eight screws and turn the skiving plate (3). As the skiving plate (3) is symmetrical, the four edges can be used before replacement is necessary.

The four long screws (M6 x 35, NT 1071) on the front edge of the skiving plate must in any case be replaced and their length should be such as to make them level with the surface of the skiving plate.

8 MACHINE STOP

See the instructions in the operating manual for MAKITA, model 9900-B.

9 CLEANING

See the instructions in the operating manual for MAKITA, model 9900-B.

After working with the tool, remove the sanding dust with a suitable suction device.

10 MAINTENANCE

The skiving tool does not require maintenance.

11 SPARE PARTS

Please give the relevant codes shown in the attached drawing Plate 2.

For spare parts for the belt sander, consult the operating manual for MAKITA, model 9900-B.

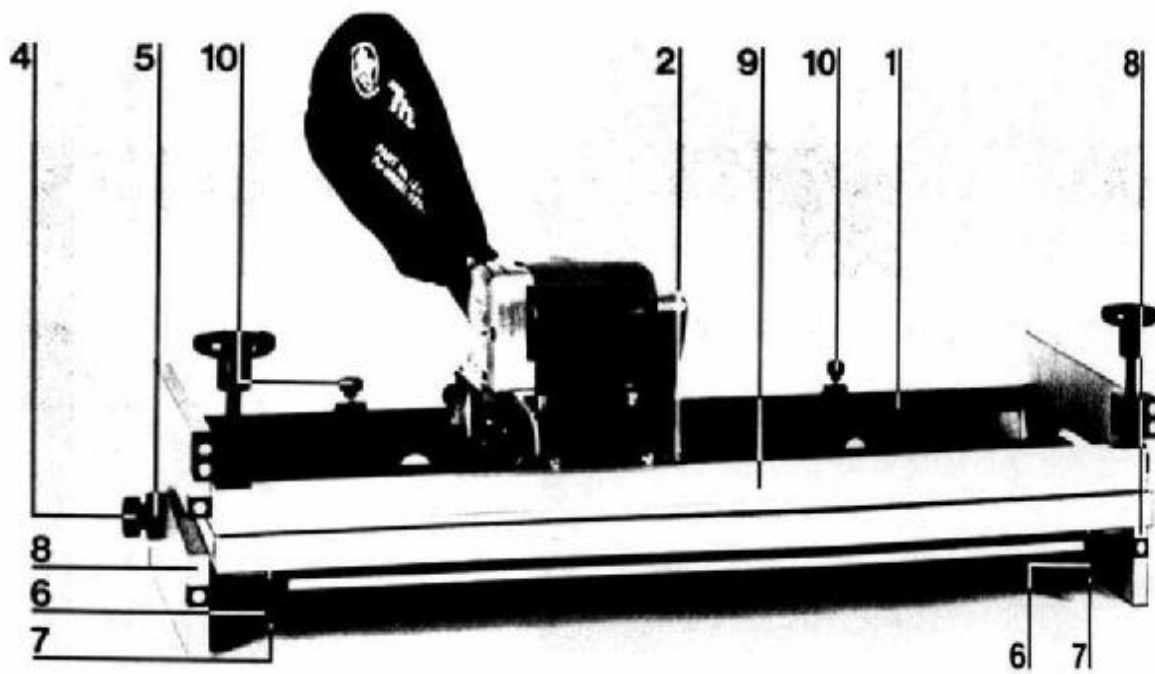
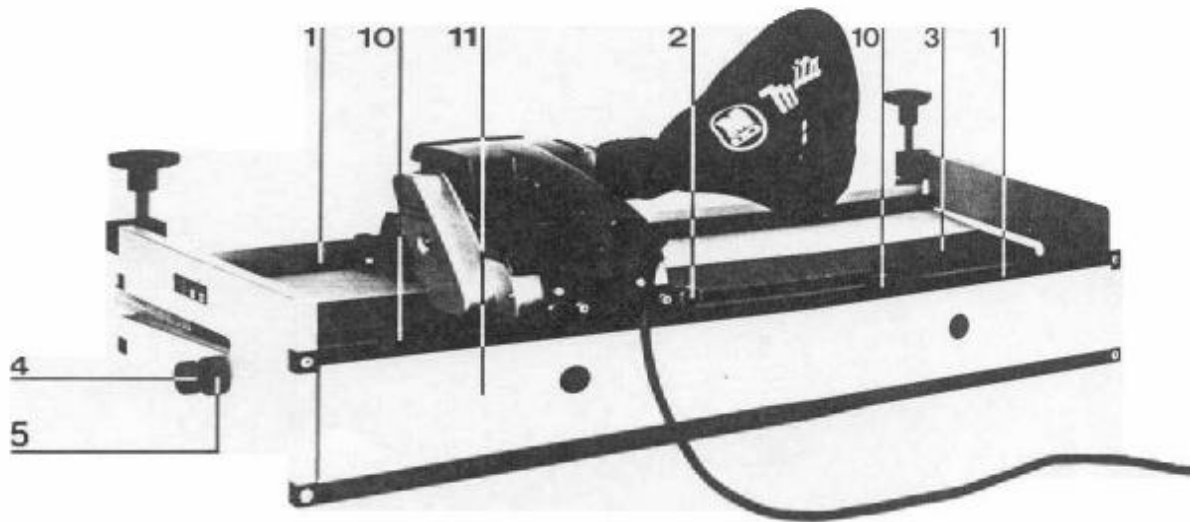


Plate 1

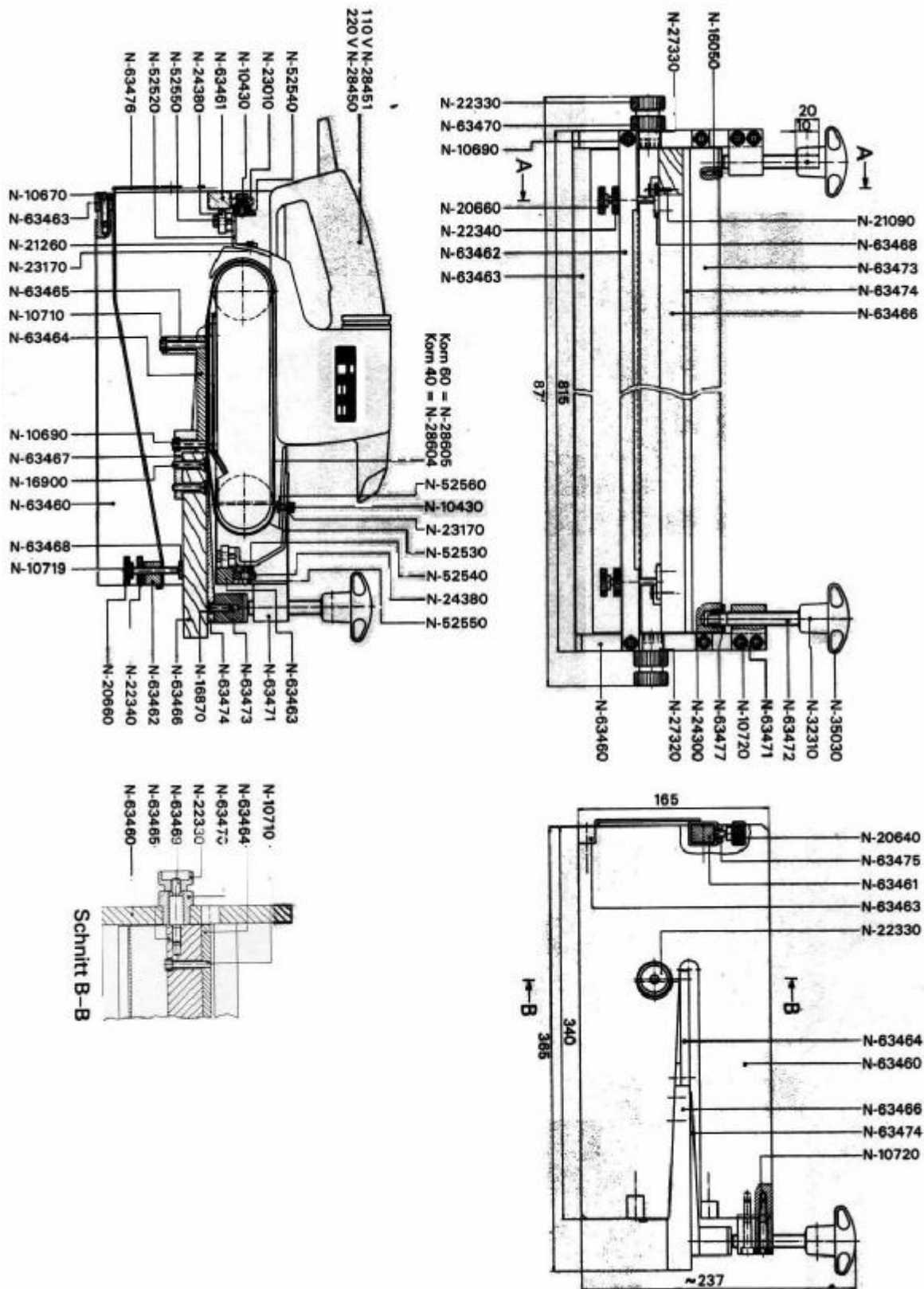


Plate 2