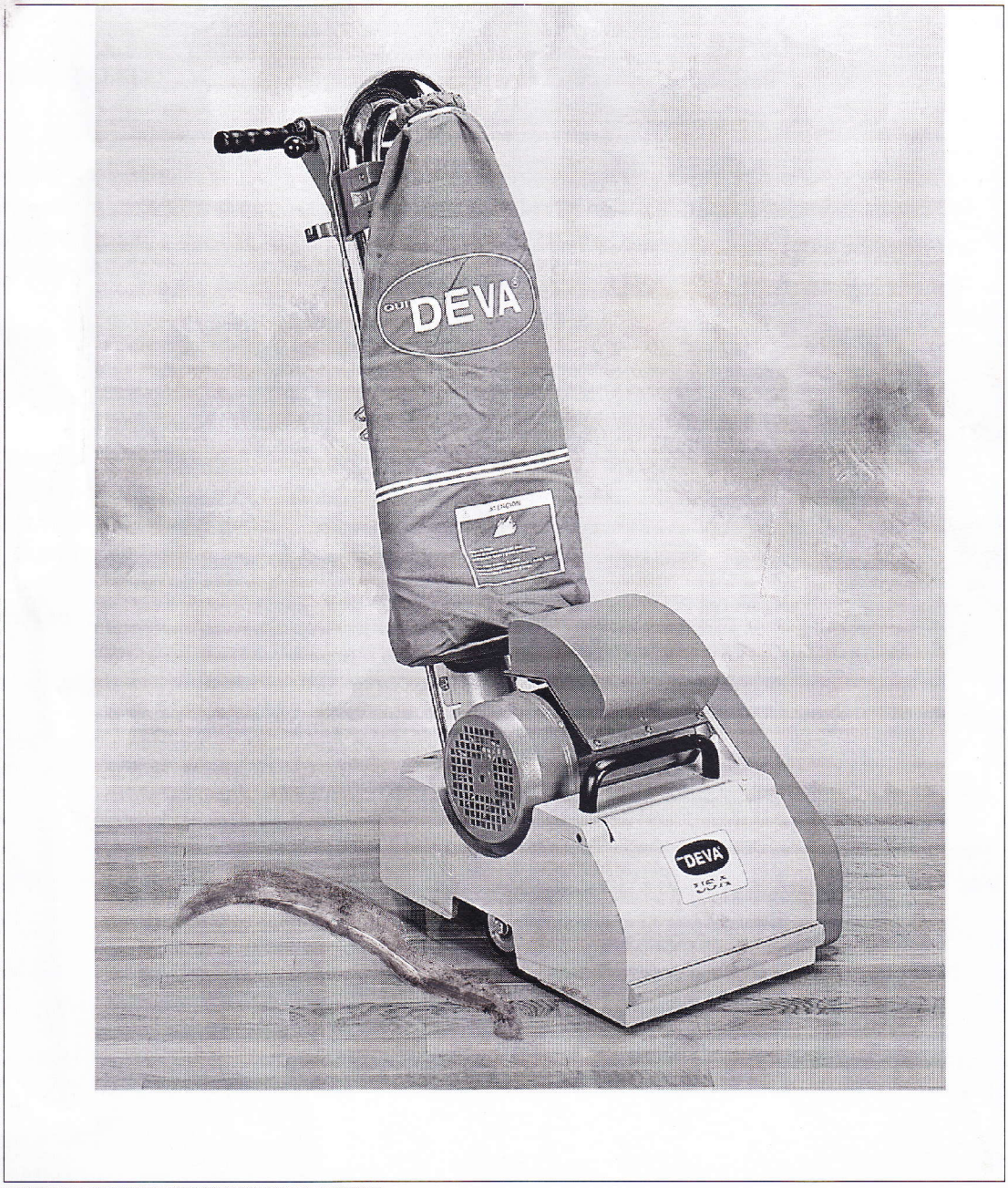
# HANDY-8E Floor Sander

- Instructions for operation, maintenance and safety.
- Assembly drawing and spare parts list.




QUI DEVA®

# C O N T E N T S



**Read this manual prior to operating this machine and keep it to hand for reading by other personnel.**

**Si el usuario no puede leer el inglés, se le debe explicar el contenido de este manual antes de utilizar la máquina.**

**The manual contains important information for the use of this machine and safety instructions for preventing personal injuries, damage to the machine or to other property.**

**For new books, please write to:**


**QUIDE S.A.**
**P.O. Box 29**
**20820 DEBA(Guipúzcoa) - SPAIN**

# INTRODUCTION

This manual aims to help you use and take good care over the years of this machine manufactured by **QUIDE S.A.** for which we offer you our warranty as manufacturers as well as our technical assistance service.

Always keep this manual to hand. Many of the instructions and recommendations will be familiar and well-known to you.

Should this not be the case, apply these instructions and recommendations correctly and you will obtain excellent results, safety and satisfaction.

It is important to remember that reading this manual carefully can help you to prolong the life of your machine as it will ensure its correct use.

Inspect your machine on receipt, make sure that it has not been damaged during the transport. Check the contents of the box to ensure that not accesories are missing.

As always, we thank you for placing your confidence in a **DEVA** product.

**DEVA USA, Inc.**


## MACHINE SPECIFICATIONS

### HANDY - 8

| | |
|---|---|
| **Single-phase AC motor** | **220-240V/50 Hz** |
| **Motor power** | **2 HP.** |
| **Sanding drum** | **200 mm.** |
| **Drum r.p.m.** | **2 300 r.p.m.** |
| **Suction fan speed** | **6 800 r.p.m.** |
| **Machine weight** | **60 kg (133 lbs)** |
| **Gross weight** | **70 kg (155 lbs)** |

# SAFETY INSTRUCTIONS

**To reduce the risk of fire, electric shock and personal injury when using electical tools, the following basic safety precautions should always be taken.**
**Read these instructions carefully before operating or attempting to carry out any service or maintenance procedure on this product.**

•You must have been trained to operate this machine before using it.

• Machines can cause flammable materials and vapors to burn. Do not use the machine with or near solvents, thinners, fuels, or other flammable materials.

• To prevent the risk of fire or explosion:

a) Keep the machine away from sources of ignition, as they could create an explosion during use.

b) Keep the work area well ventilated. Poorly ventilated work areas can create an explosive atmosphere when they contain solvents, alcohol, thinners, certain finishes or any kind of combustible material.

c) Never leave a full dust bag in the machine. Remove the dust bag when you have finished your work.

d) Empty the dust bag when it is 1/3 full.

e) Always empty the sanding dust into a metal container. This container must be outside the building.

f) Do not put the contents of the dust bag into a fire or furnace.

g) Use a hammer and punch to set all the nails flush against the floor so that the sanding drum will not touch them and create sparks which might cause a fire in the dust bag.

• Do not use the machine if it is not completely assembled.

• To prevent electric shocks and personal injury, always disconnect the power supply before changing the sandpaper, emptying the dust bag, leaving it unattended or attempting any maintenance or service of the machine.

• To prevent electric shocks, avoid contact with grounded surfaces, i.e. pipes, radiators, refrigerators, etc.

• Do not expose the machine to rain. Keep the electrical parts dry.

• The machine should be stored in a dry place and out of the reach of children.

• Check the cable and plugs and replace them if damaged. Do not use the machine if the cable is damaged. Keep the cable away from heat, oil, water and sharp edges.

• Always connect the machine to a grounded power supply. Never disconnect the ground cable from the machine.

• Always use a cable with 3 x 1,5 mm of section and connect the machine to a grounded plug. Ensure that the plug really does have a ground connection.

• Make sure that the power switch is in the "O" position before connecting the cable to the electrical power supply.

# SAFETY INSTRUCTIONS

**To reduce the risk of fire, electric shock and personal injury when using electical tools, the following basic safety precautions should always be taken.**
**Read these instructions carefully before operating or attempting to carry out any service or maintenance procedure on this product.**

- Keep the cable away from the underside of the machine to avoid contact with the sandpaper as this could cause electrocution. Always keep the cable on top of the machine.
- Moving parts can cause injury and/or damage. Keep hands, feet and loose clothing away from all the moving parts of the machine.
- Make sure that all guards, doors and covers are secure and in place before starting to sand.
- Check that all warning labels are legible and duly stuck on to the machine. Should any of them become damaged or illegible, replace them immediately. Ask the authorized distributor for new labels.
- Make sure that the person who is going to use the machine has read this manual beforehand.
- Do not use this machine as a step or furniture.
- Do not use this machine for moving other objects or people.
- This machine is heavy. Separate the suction tube if you are going to transport it single-handed. Trying to lift this machine single-handed could cause serious back injuries. Always get help to lift the complete machine.
- Be careful not to accidentally start the machine, make sure that your hands are empty when you turn the switch.
- Always use a face or dust mask if the sanding operation is dusty.
- Stay alert. Watch what you are doing. Use common sense. Do not operate the machine when you are tired. Keep proper footing and balance at all times. Wear ear protection when using the machine for long periods. Hold the machine tightly with two hands when working.
- Always disconnect the machine when not in use, before servicing and when changing accessories.
- Never carry the machine by its cable or wrench it out of the socket.
- Always keep children away from the machine. Visitors should be kept away from the work area.
- Using accessories or attachments other than those recommended in this instruction manual could cause personal injury.
- Check the machine for damaged parts before use. Check the alignment and binding of moving parts, breakage, mounting and anything else that may affect its correct operation.
- Do not use the machine if the on-off switch does not work correctly. Defective switches must be replaced by an authorized servicing center.

# IMPORTANT PARTS OF THE MACHINE

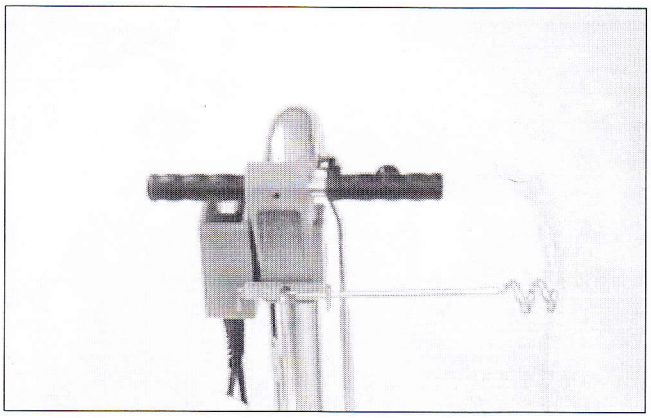


Fig. 1

## Cable holder

This sander has a cable holder that could be moved to the right or left side of the machine. (Fig. 1).

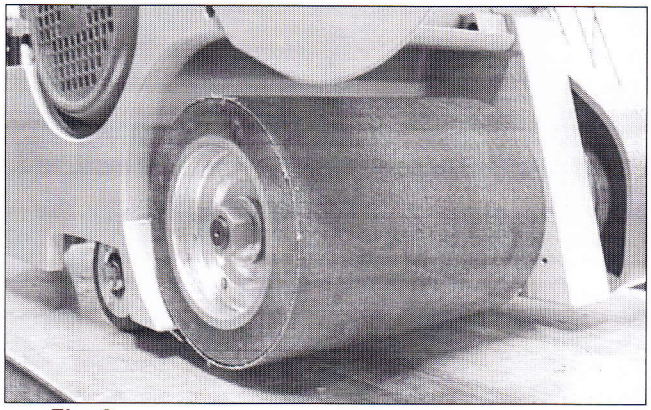


Fig. 2

## Sanding drums

The machine is designed to work with three different types of drums:

**EXPANDIBLE DRUM (Fig. 2)**

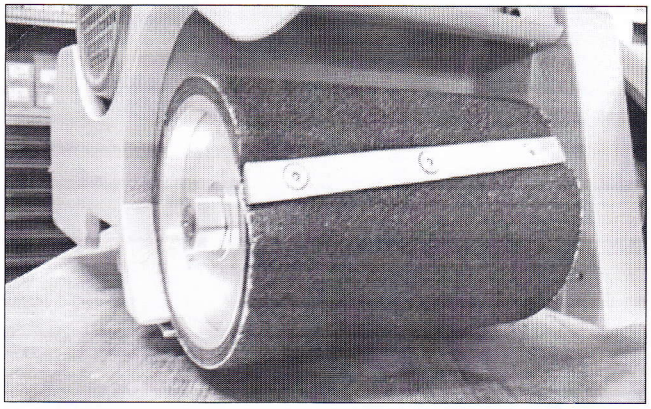


Fig. 3

**BAR CLAMP DRUM (Fig. 3)**

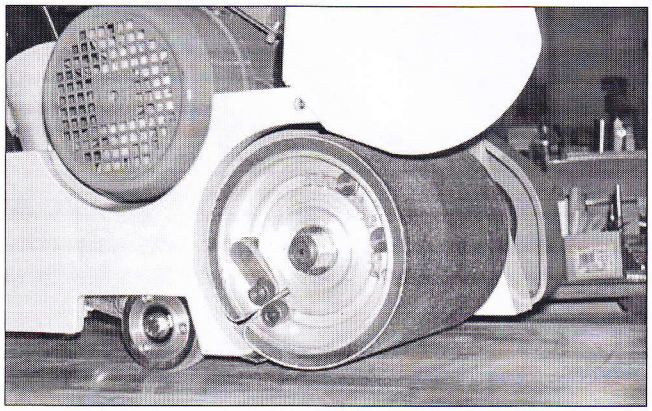


Fig. 4

**CONVENTIONAL DRUM (Fig. 4)**

# IMPORTANT PARTS OF THE MACHINE

## Electric motor

The machine has a single-phase havy-duty AC motor, free of maintenance.

Power supply: **220-240V/50 Hz only** (Fig. 5).

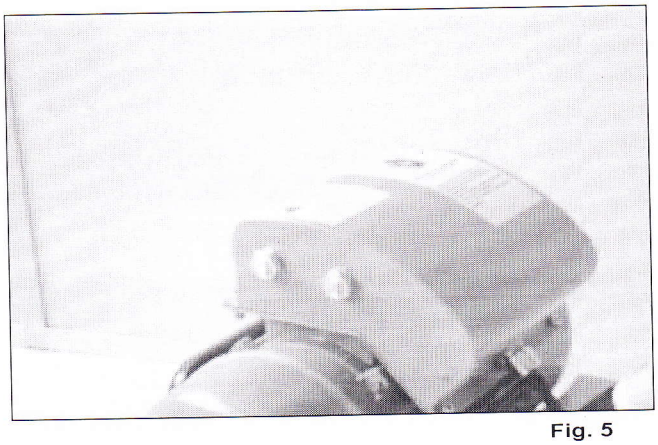


Fig. 5

## Suction dust tube

The suction dust tube is placed at the back of the machine next to the handle and lever for controlling the sanding drum (Fig. 6).

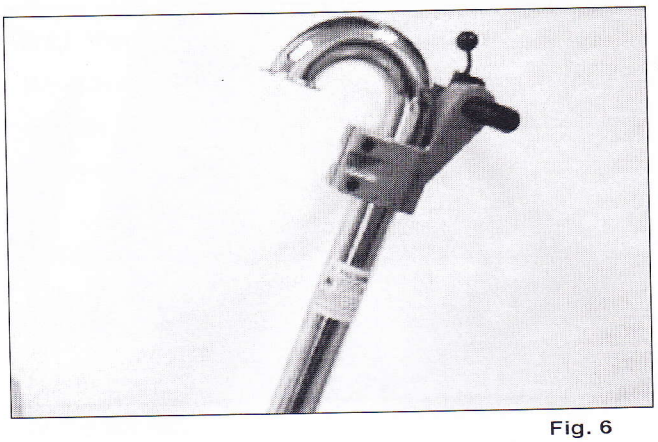


Fig. 6

## Dust bag

The dust bag must be fastened in place before using the machine as in (Fig. 7).


Fig. 7

## Poly - V Belt slack adjuster

The machine has one Poly-V belt for turning the drum and the suction fan.

The drive belt is adjusted with belt slack adjuster. (Fig. 8).

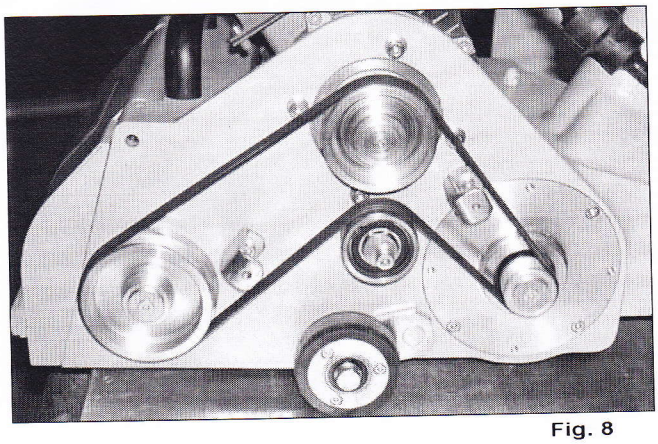


Fig. 8

# HOW TO ASSEMBLE THE MACHINE

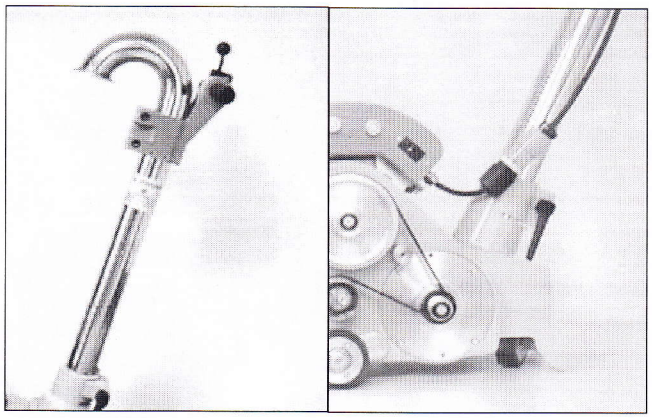


Fig. 9

## Dust suction tube and bag

To fit and adjust the dust suction tube and bag, proceed as follows:

❶ Fit the dust suction tube in place. (Fig. 9).

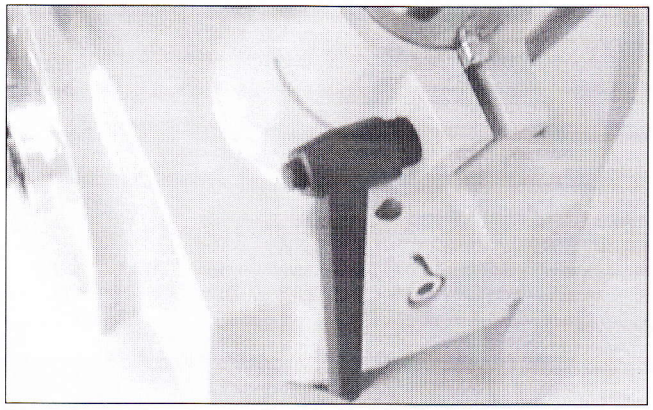


Fig. 10

❷ Adjust the screw holding the tube. (Fig. 10).

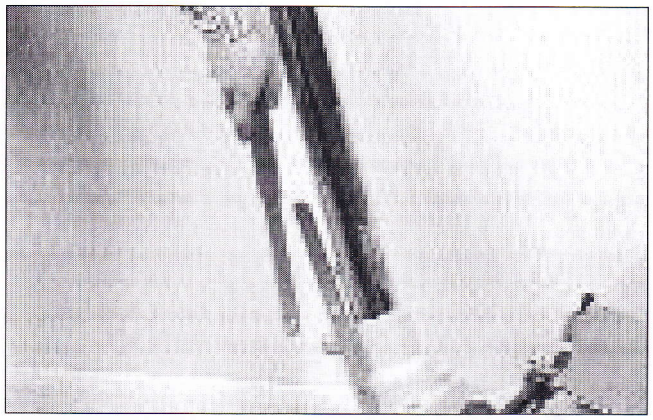


Fig. 11

❸ Attach the drum control lever. (Fig. 11 and 12).

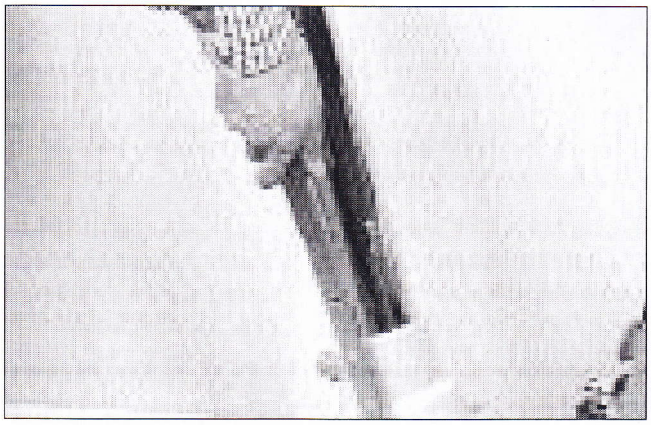


Fig. 12

❹ Clip the dust bag tightly to the dust suction tube.

# SETTING UP THE MACHINE

## Leveling the machine

How do we level the machine?

Tilt the machine as in (Fig. 13 and 14).

Fig. 13

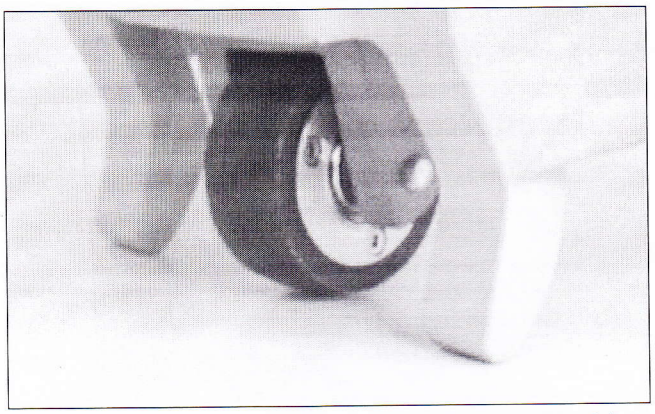


Fig. 14

The machine is provided with an adjustable system in order to level the machine when requiered. (Fig. 15).

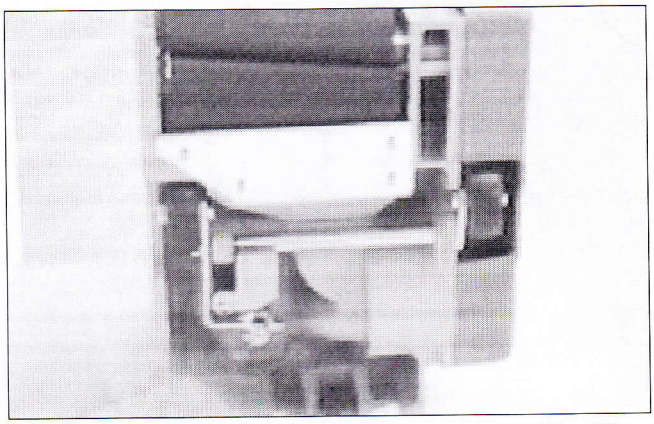


Fig. 15

Loosen the leveling screw to sand heavier on drive belt side of the sanding drum.

Tighten the leveling screw to sand heavier on the side opposite the drive belt. (Fig. 16).

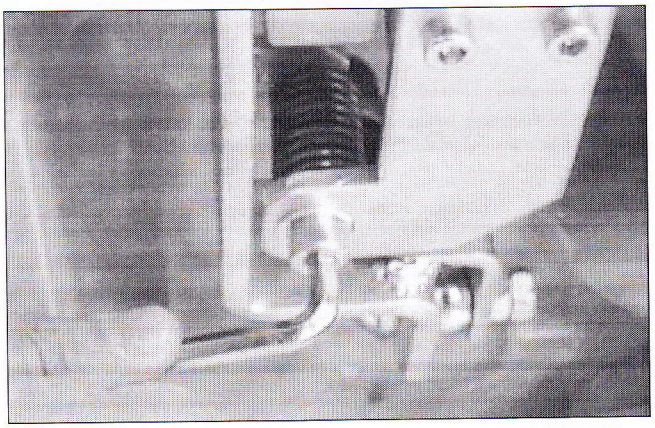


Fig. 16

# SETTING UP THE MACHINE

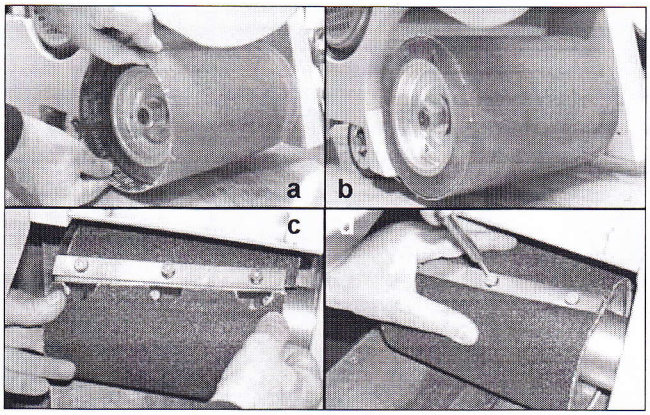



Fig. 17

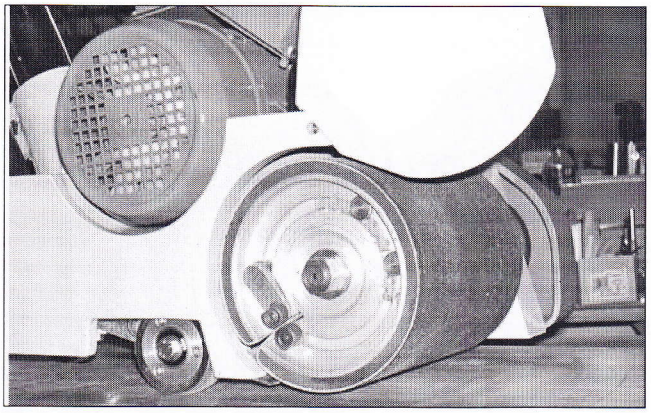


Fig. 18

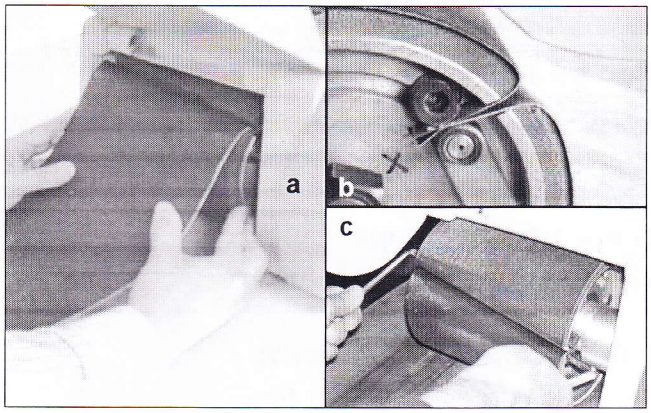



Fig. 19

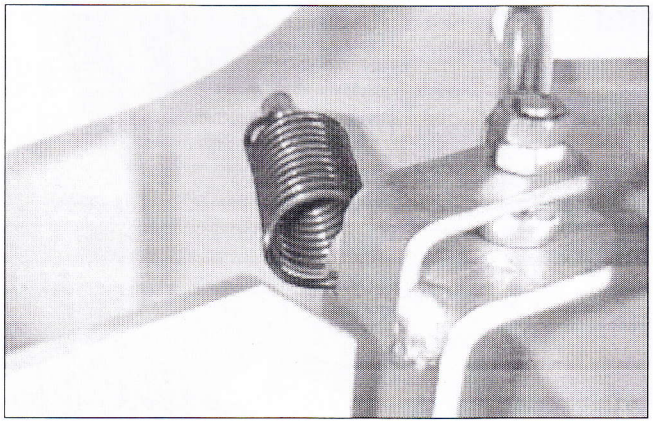


Fig. 20

## Sandpaper installation

To install and adjust the sandpaper, proceed as follows:

- **EXPANDIBLE DRUM:**

- This type of drum uses unless sandpaper which you slide onto the drum. When the drum spins, the rubber expands and firmly holds the sanding belt (Fig. 18a,b)

- **BAR CLAMP DRUM:**

- Easy access to the drum allows quick change of the sanpaper which is held on the drum by a metal bar with screws (Fig. 18c,b)

- **CONVENTIONAL DRUM:**

- Cut out the sandpaper to the same size as the patter provided with the machine.

- Raise the lid covering the drum (Fig. 18).

- Insert one side of the sandpaper into the slot on the drum, turn the drum around until it is covered with sandpaper and insert the other extreme into the same slot (Fig. 19a,b)

- Use both keys to adjust the sandpaper against the drum by turning one key forward and the other backward, as in (Fig. 19c)

- Make sure that the sandpaper has been correctly inserted.

## Sanding drum pressure

The machine has only one sanding drum pressure controled by spring. (Fig. 20).

# SETTING UP THE MACHINE

## Starting the motor

To operate the machine follow this procedure:

## Connection to 220-240V (single-phase)

❶ Connect the handle pigtail to the motor cord. (Fig. 21,22).

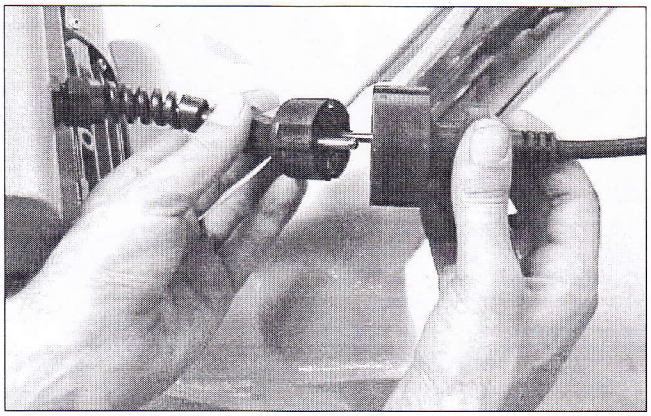


Fig. 21

❷ Connect the machine to the electrical power.

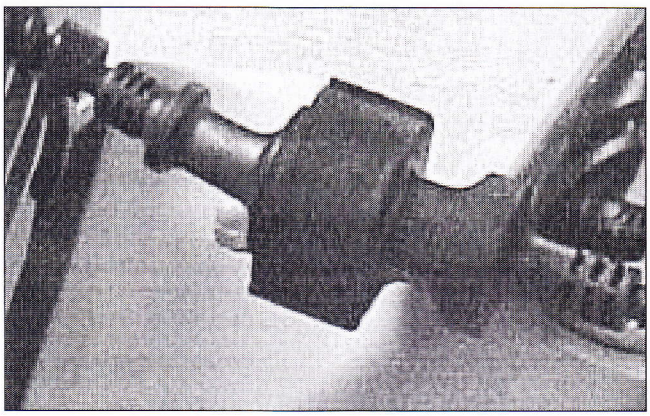


Fig. 22

❹ The machine has a double-bladed knife safe switch with under voltage release. The "I" position is used to start the motor and the "0" position to stop the motor. (Fig. 23).

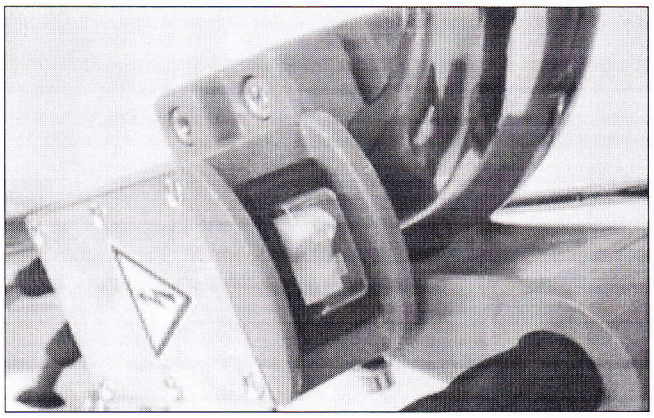


Fig. 23

# SETTING UP THE MACHINE

## Instructions for electrical connection to 220-240V.

This machine must only be connected to an AC frequency at the electrical voltage shown on the motor plate (220-240V/50 Hz, single-phase)


- To prevent electric shock keep the machine in a dry place.
- Do not expose the machine to rain.
- The machine cable and connection plugs must be in perfect condition.
- Unplug the machine after use.
- The machine must be connected to a grounded electrical circuit in order to protect the operator from electric shocks.
- Make sure that you are connecting the machine to 220-240V.
- When connecting to 220-240V, make sure that the electrical circuit in the house or building is grounded.
- Do not cut, remove or break the ground pin.
- Do not use a machine with a damaged plug or cable.
- Do not use the machine if the on-off switch doesn't work correctly.
- Avoid reductions in voltage, use 3 x 1,5 mm of section cables measuring no longer than 30 metres.

# HOW TO OPERATE THE MACHINE

After starting the motor, the operator must stand behind the machine and hold it in place with both hands (Fig. 25).

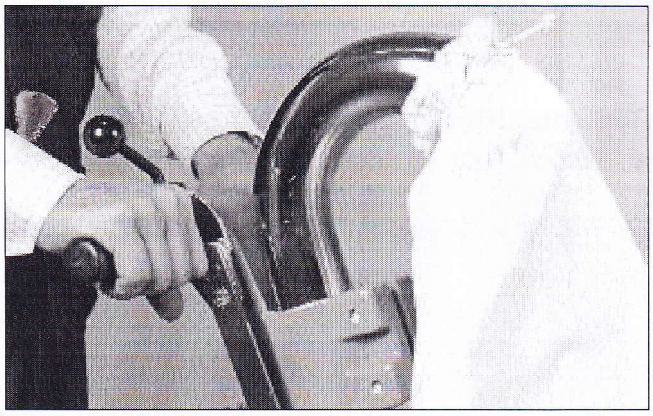


Fig. 25

Move the machine forward slowly and push down the drum control lever (Fig. 26).

Move the machine slowly and constantly.

Before reaching the end of the circuit marked out by the machine, lift the drum gently (Fig. 27).

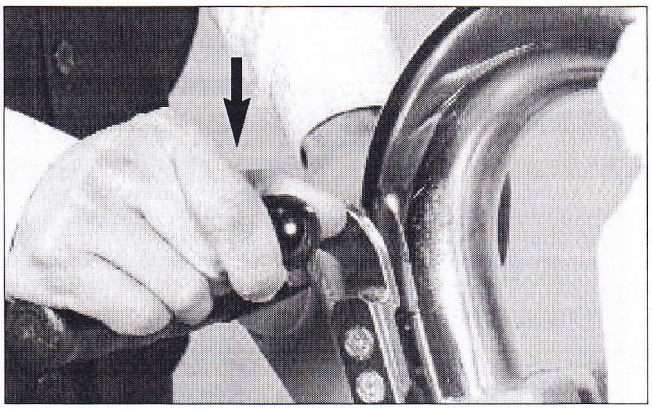


Fig. 26

Pull the machine back over the mark it left when it started moving, lowering the drum gently when you start the backward movement.

Keep the sander in motion while the drum is working or marks will appear which are very difficult to remove with further sanding.

Always work from left to right.

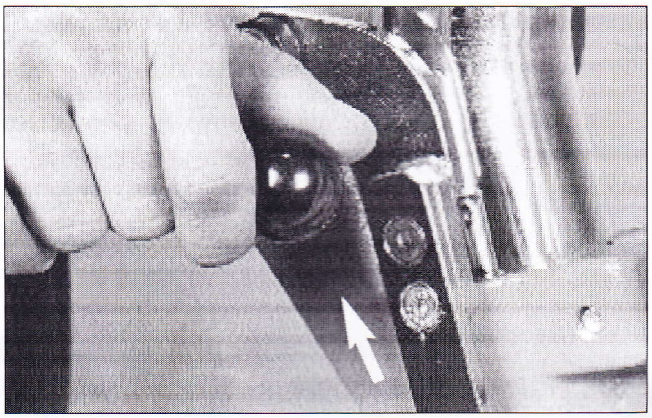


Fig. 27

In order to obtain satisfactory sanding, the sander should be passed over the surface several times with different sizes of sanding grain.

We recommend that the sander be passed over the surface at least three times if the floor is new. If the floor in question has already been varnished we recommend that the sander be passed four times, according to the following chart:

| Passes | New floors | Old floors |
|---|---|---|
| first | grit 30 - 36 | grit 24 |
| second | grit 60 | grit 36 - 40 |
| third | grit 100 | grit 60 |
| fourth | | grit 100 |

# MAINTENANCE

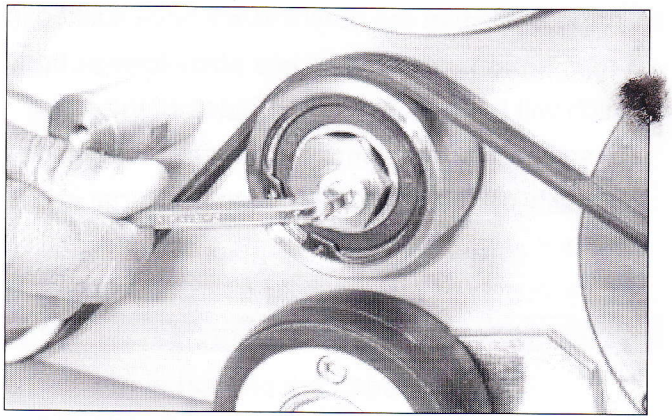


Fig. 28

## Changing and adjusting the belt

It is important to check the tension of the Poly - V belt and change it if necessary. Loosen the screw to adjust or change the belt and then tighten it.

The belt must neither too tight nor too loose.

Remember that over-tight belt make it difficult to start the motor and that the drum will turn freely if they are too loose (Fig. 28).

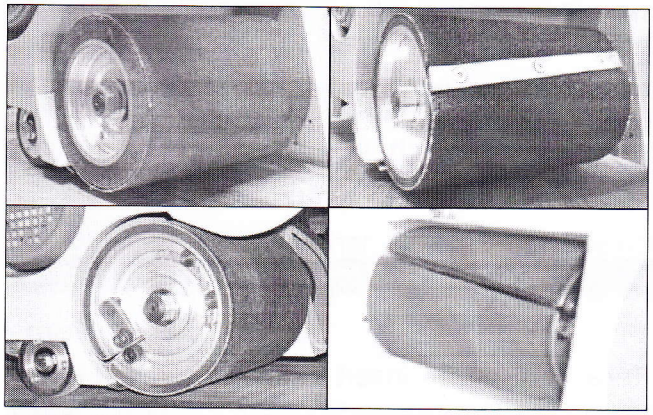


Fig. 29

## Sanding drum maintenance

Check that the drum surface is in good condition and that there is no sawdust inside it, as this could throw it off balance (Fig. 29).

Clean the sanding drum from time to time, using air to clean out the drum chamber.

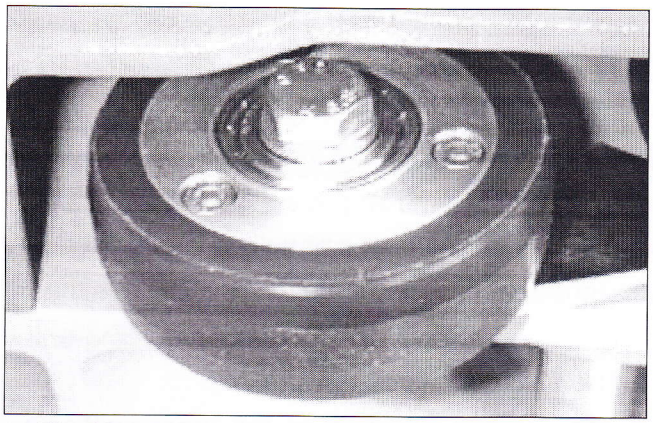


Fig. 30

## Maintenance of the wheels

Check the wheels periodically (Fig. 30).

- Make sure that the surfaces do not have glue or debris stuck to them.
- Change them when worn.
- Clean the bearings with air.

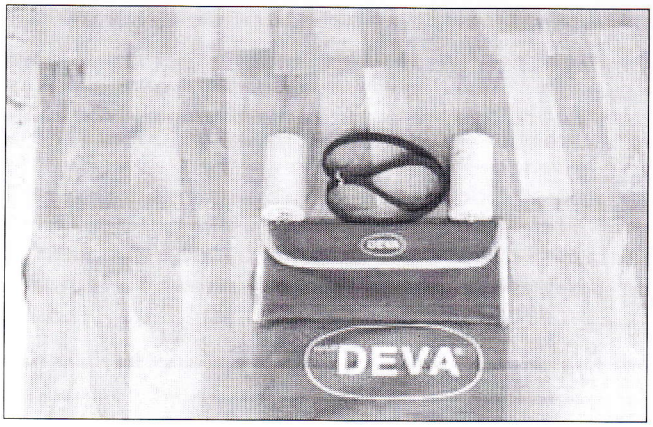



Fig. 31

## Prevention maintenance

In order to avoid inconvenient setbacks, we suggest that you carry the following along with your normal tools:

- a Poly - V belt.
- a dust bag.
- a set of capacitors.

In this way you will be sure that your machine will always function (Fig. 31).

# TROUBLESHOOTING

• Below we offer a series of suggestions which will enable you to resolve some of the most frequent problems which arise when sanding wooden floors.

## With respect to Poly - V belt

• Sometimes the belt make a noise as if it is slipping. This means that it is not fitted tightly enough or that it is worn and need changing.

## With respect to ball bearing

• The ball bearings are protected against dust and are self-lubricating. However, they have a limited life span depending on the amount of time the machine is in use.

• By way of indication, their useable life is approximately:

| | |
|---|---|
| Fan shaft | 2500 hrs of use. |
| Motor shaft | 5000 hrs of use. |
| Drum shaft | 5000 hrs of use. |

• No matter what the case, if you hear a strange noise, check whether it is coming from the drum, motor or fan. Run the motor together with the drum alone and then the motor with the suction tube alone, which will make it easy to pinpoint the noise. Once found, the faulty bearing has to be changed.

## With respect to the fan

• Should you notice that the fan is not turning, the machine is not vacuuming, and that the fan belt is making a slipping noise, **STOP THE MOTOR.**

Chances are that the machine will have sucked in a nail, a piece of wood or any other foreign body which will have blocked the blades of the fan.
To solve this problem, try to turn the blades manually and remove the foreign body that is bloking it.

## With respect to the sanding drum

• Firstly, clean the floor to make sure that there are no nails lying around.

• Brush the floor before sanding to avoid remains of materials which could damage the rubber drum.

## With respect to the sandpaper

• Take care not to insert sandpaper which is too long, as this will cause it to fold and leave marks on the floor. It could also cause the sandpaper to break while working.

## With respect to the motor

• If the motor functions haltingly once it has been switched on and set in motion, this means that:

a)The electric voltage is too low.
b)The cable is too long or the cross-section is inappropriate.
c)The work capacitor is defective.
d)The motor is defective.

• If the motor does not start, this means that:

a)The electric voltage is too low.
b)The starting capacitor is defective.

c)There is no electricity in the plug.
d)The cable pins are not properly connected.
e)The motor is defective.

- Should the demand limiter jump when the motor is started, it means that the house has less than 15 amps. If this happens, DO NOT INSIST ON TRYING TO MAKE IT START, as you will only succeed in burning the capacitor.

## With respect to the level of the machine

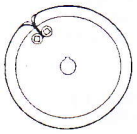
- If you observe that the machine is sanding more on one side than the other, it means that it is not exactly levelled. See the section Leveling the machine in this manual.

## Dwell marks on floors

- These usually appear on the floor like a thread after the last sanding (fine grain). This is because a tiny stone has left a mark on the sandpaper which, in turn, is leaving a thread-like mark on the floor. The solution is to change the sandpaper and clean the floor well before passing the fine-grain sandpaper.

- Sawdust, glue or any kind of material which sticks to the wheels can leave marks on the floor. Always make sure that the wheels are completely clean before sanding.

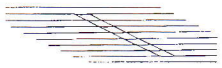
- Excessively long pieces of sandpaper can create a fold on the drum and cause marks. Avoid this anomaly by cutting the piece of sandpaper to exactly the same shape as the sample provided with the machine.

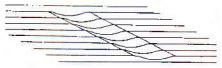


- Any material leftovers which get stuck between the drum and the sandpaper can also leave marks on the floor. Always check the surface of the drum to ensure that it is clean and in good condition.

- When using the machine, try to maintain a uniform and constant sanding speed. Otherwise, marks might appear on the floor.

- Lowering the drum too quickly will cause marks, which will be even more obvious if you pass over them again in the same direction. The best way to correct "dead stops" is by sanding the mark on the floor at 45º.





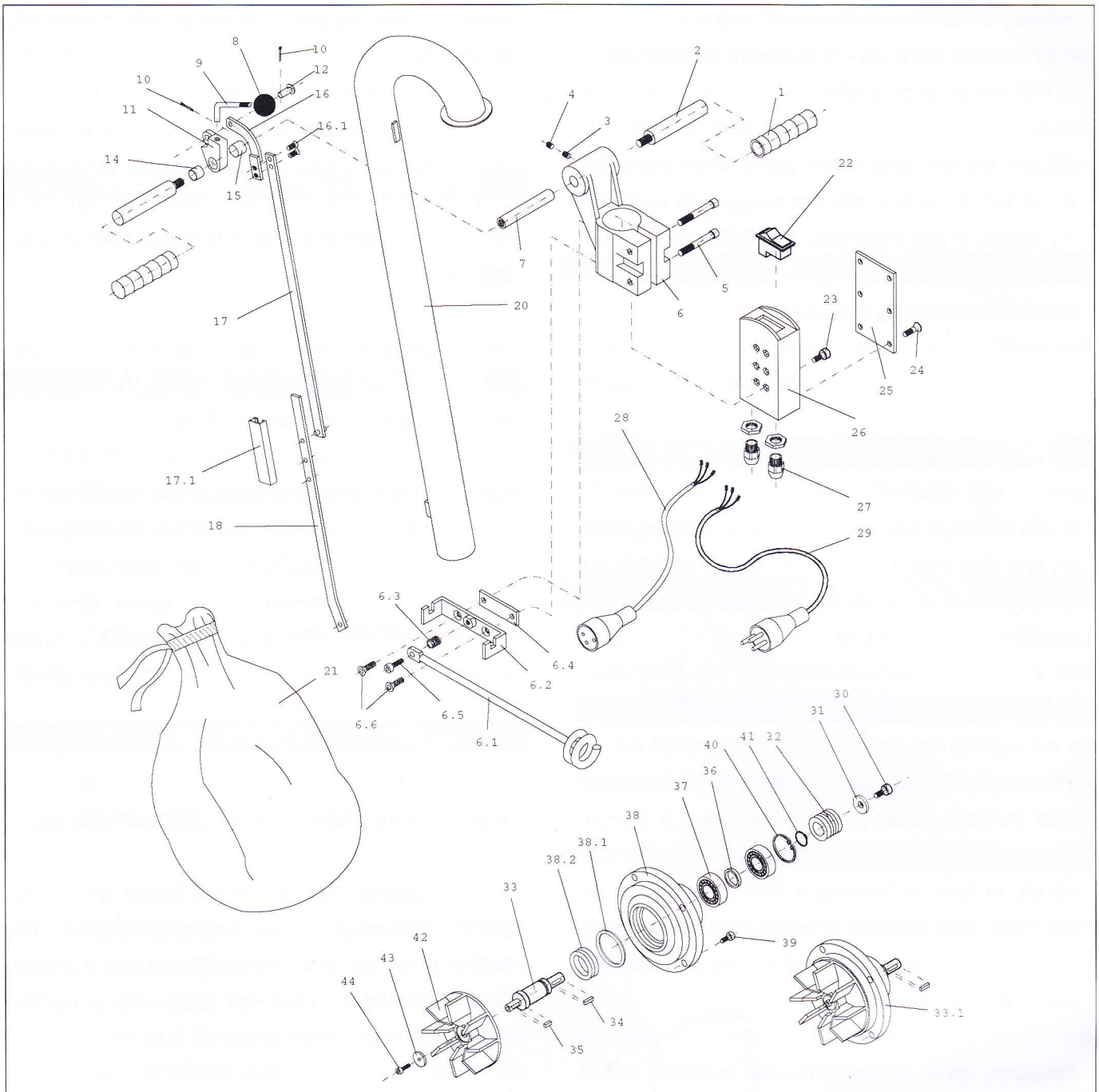
## With respect to the capacitors

- Always carry a spare set of capacitor with you.

- If the building has a voltage lower than 220-240V, you might have problems starting the motor. In winter, with low temperatures, the belts and interior of the bearings stiffen, meaning that the motor might take longer to start.

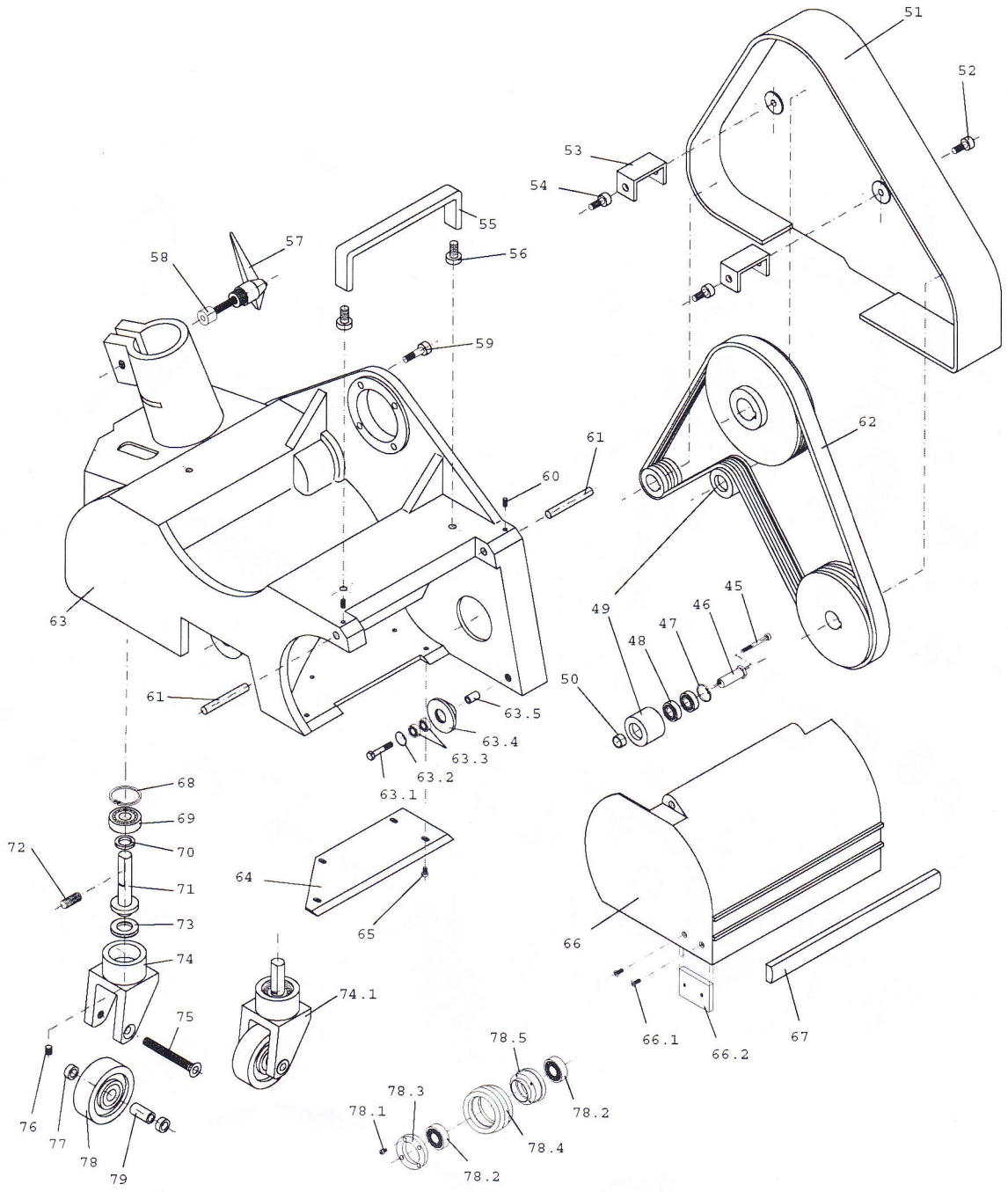
**DO NOT INSIST ON TRYING TO START THE MOTOR. This will only cause the capacitor to burn out.**

# ASSEMBLY DRAWING AND SPARE PARTS LIST




| Nº | DESCRIPTION | Nº | DESCRIPTION | Nº | DESCRIPTION | Nº | DESCRIPTION |
|---|---|---|---|---|---|---|---|
| 1 | HILT | 12 | GLYCODUR | 25 | SWITCH BOX COVER | 35 | KEY 4 x 4 x 12 |
| 2 | HANDLE | 13 | BOLT | 26 | SWITCH BOX | 36 | SPACER |
| 3 | SCREW DIN 915 M 8 x 12 | 14 | GLYCODUR | 27 | STRAIN RELIEF PG 11 ESPIRAL | 37 | BALLBEARING 6005 VVCM |
| 4 | SCREW DIN 913 M 8 x 8 | 15 | SPACER | 28 | CABLE WITH PLUG | 38 | BEARING HOUSING (*) |
| 5 | SCREW DIN 912 M 10 x 60 | 16 | UPPER ROD | 28 | CABLE WITH PLUG USA | 38 | BEARING HOUSING |
| 6 | BRACKET | 16.1 | SCREW DIN 7991 M 6 x 12 | 29 | CABLE WITH PLUG (GROUNDED) | 38.1 | AXIAL DISC INA AS3047 |
| 6.1 | CABLE HOLDER | 17 | LOCKING PIECE FOR RODS | 29 | CABLE WITH PLUG USA | 38.2 | V-RING JOINT V 30 A |
| 6.2 | HOLDER BRACKET | 17.1 | LOCKING PIECE | 30 | SCREW DIN 7991 M 6 x 16 | 39 | SCREW DIN 912 M 6 x 20 |
| 6.3 | COMPRESSION SPRING | 18 | LOWER ROD | 31 | MOTOR WASHER | 40 | SEEGER I 47 |
| 6.5 | SCREW DIN 912 M 8 x 25 | 20 | SUCTION TUBE | 32 | FAN PULLEY ø 40 | 41 | SEEGER E 25 |
| 6.6 | SCREW DIN 7991 M 6 x 16 | 21 | DUST BAG | 32 | FAN PULLEY ø 30 | 42 | VENTILATOR WHEEL (*) |
| 7 | BOLT | 22 | SWITCH EUROPA | 33 | FAN SHAFT | 42 | VENTILATOR WHEEL |
| 8 | BALL KNOB ø 30 | 22 | SWITCH USA | 33 | FAN SHAFT (*) | 43 | WASHER |
| 9 | LEVER | 23 | SCREW DIN 912 M 5 X 12 | 33.1 | FAN UNIT | 44 | SCREW DIN 912 M 5 x 16 |
| 10 | SEEGER E 8 | 24 | SCREW DIN 963 M 5 x 10 | 34 | KEY 4 x 4 x 18 | (*) | CONSULT THE VERSION |

# ASSEMBLY DRAWING AND SPARE PARTS LIST

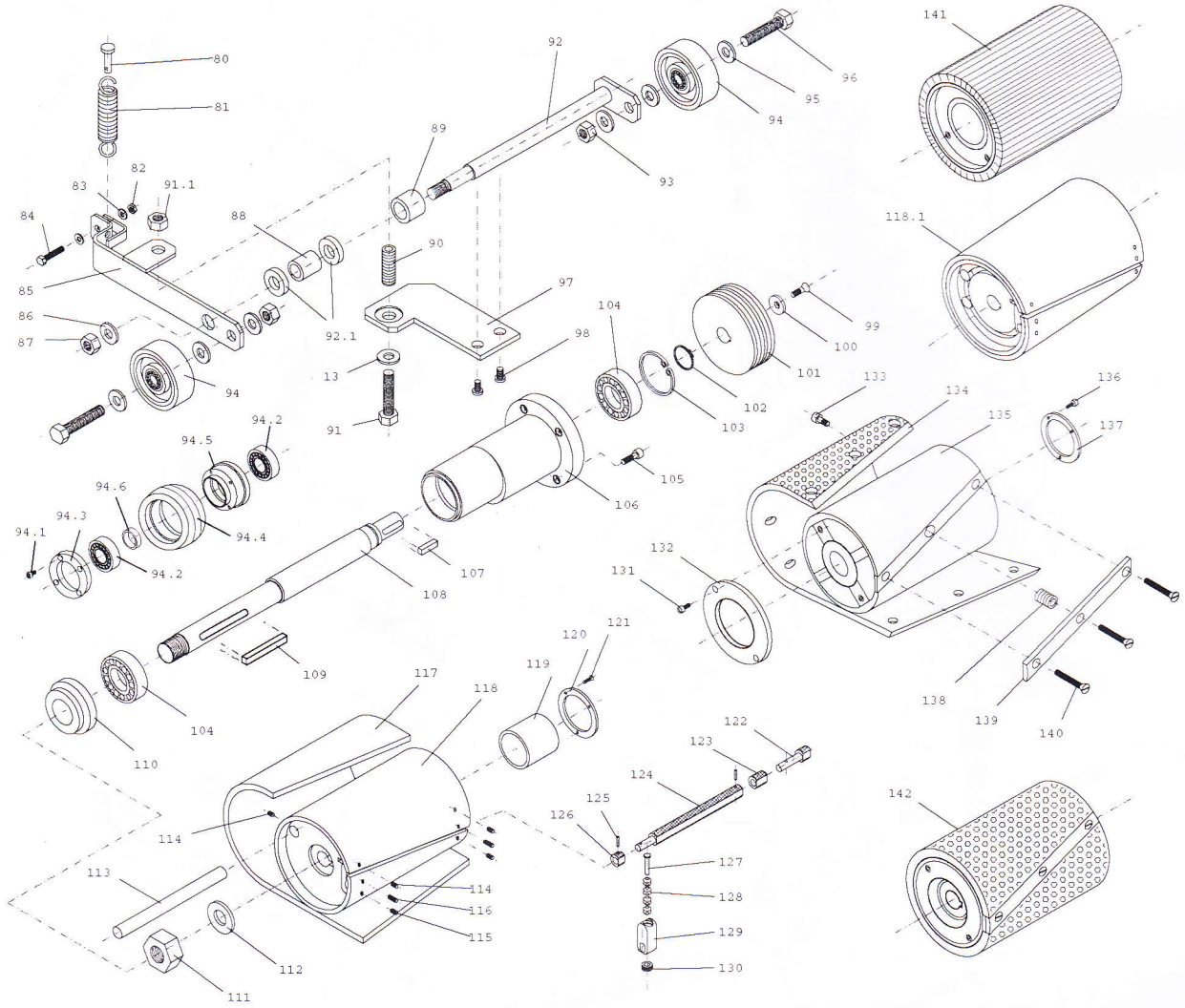



| Nº | DESCRIPTION |
|---|---|
| 45 | SCREW DIN 912 M 8 x 60 |
| 46 | EXCENTER SHAFT |
| 47 | SEEGER I 47 |
| 48 | BALLBEARING 6005 VVCM |
| 49 | POLY V BELTS TENSIONER |
| 50 | SPACER |
| 51 | POLY V BELTS COVER |
| 52 | SCREW DIN 912 M 6 x 16 |
| 53 | SPACER |
| 54 | SCREW DIN 912 M 6 x 16 |
| 55 | LIFT HANDLE |
| 56 | SCREW DIN 912 M 8 x 16 |
| 57 | HANDLE |
| 58 | SCREW DIN 933 M 10 x 55 |
| 59 | SCREW DIN 912 M 8 x 30 |
| 60 | SCREW DIN 913 M 6 x 20 |

| Nº | DESCRIPTION |
|---|---|
| 61 | PIN DIN 7979 ø 10 x 50 |
| 62 | POLY V BELT 6J 965 |
| 63 | HOUSING |
| 63.1 | SCREW DIN 931 M 8 x 35 |
| 63.2 | CLAMP RING INA BR19 |
| 63.3 | BALLBEARING 626 2RS |
| 63.4 | CONSTRAINER |
| 63.5 | SPACER |
| 64 | COVER (DRUM Ø 178mm) |
| 64 | COVER (DRUM ø 150mm) |
| 65 | SCREW DIN 84 M 5 x 8 |
| 66 | COVER |
| 66.1 | SCREW DIN 963 M 4 x 8 |
| 66.2 | COVER PROTECTOR |
| 67 | BUMPER |
| 68 | SEEGER I 40 |

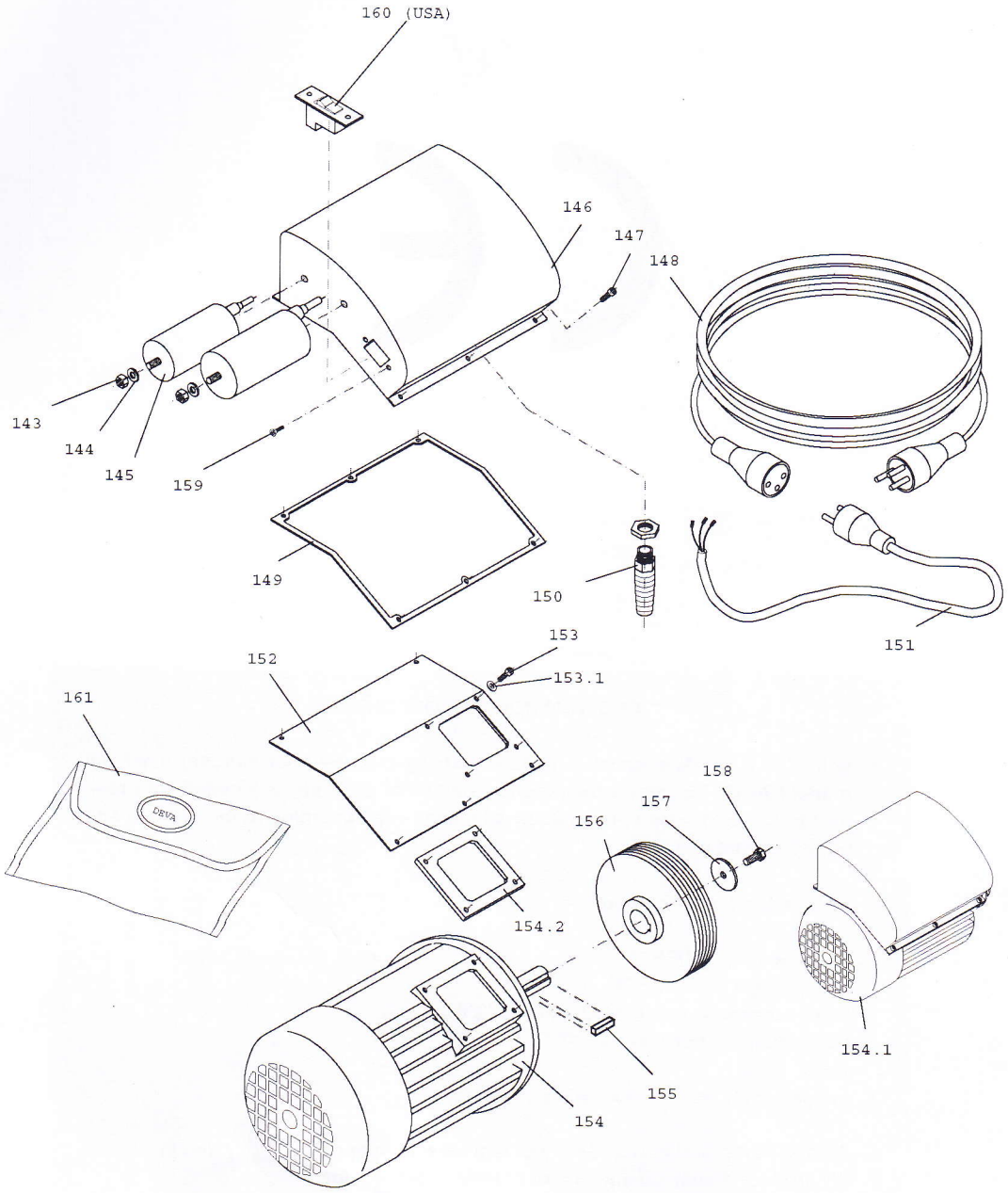
| Nº | DESCRIPTION |
|---|---|
| 69 | BALLBEARING 6203 2RS |
| 70 | REAR WHEEL SPACER |
| 71 | REAR WHEEL SHAFT |
| 72 | SCREW DIN 912 M 10 x 20 |
| 73 | BALLBEARING AXK/AS 2035 |
| 74 | REAR WHEEL BRACKET |
| 74.1 | REAR WHEEL COMPLETE |
| 75 | SCREW DIN 7991 M 10 x 70 |
| 76 | SCREW DIN 913 M 8 x 8 |
| 77 | SPACER |
| 78 | WHEEL ø 80 COMPLETE |
| 78.1 | SCREW DIN 912 M 5 x 12 |
| 78.2 | BALLBEARING 6202 KBC 2RS |
| 78.3 | WHEEL COVER |
| 78.4 | TIRE FOR WHEEL Ø 80 |
| 78.5 | WHEEL HALF |
| 79 | SPACER |

# ASSEMBLY DRAWING AND SPARE PARTS LIST




| Nº | DESCRIPTION | Nº | DESCRIPTION | Nº | DESCRIPTION | Nº | DESCRIPTION |
|---|---|---|---|---|---|---|---|
| 80 | SPRING BRACKET | 95 | WASHER DIN 125 M 10 | 111 | NUT | 127 | SHAFT |
| 81 | SPRING | 96 | SCREW DIN 933 M 10 x 55 | 112 | WASHER | 128 | WASHER DIN 2093A 12 X 6 X 0'7 |
| 82 | NUT DIN 985 M 8 | 97 | TENSIONER BRACKET | 113 | COUNTER WEIGHT | 129 | TENSIONER BRACKET |
| 83 | WASHER DIN 125 M 8 | 98 | SCREW DIN 912 M 6 x 25 | 114 | SCREW DIN 913 M 6 x 8 | 130 | SCREW |
| 84 | SCREW DIN 912 M 8 x 35 | 99 | SCREW DIN 7991 M 6 x 16 | 115 | SCREW DIN 913 M 6 x 10 | 131 | SCREW DIN 84 M 4 x 10 |
| 85 | LIFTING FIXTURE | 100 | MOTOR WASHER | 116 | SCREW DIN 913 M 6 x 16 | 132 | COVER |
| 86 | WASHER DIN 125 M 12 USA | 101 | DRUM PULLEY ø 96 | 117 | SANDING DRUM RUBBER | 133 | SCREW DIN 7985 M 6 x 10 |
| 87 | NUT DIN 985 M 12 | 101 | DRUM PULLEY ø 93 | 118 | DRUM 175 | 134 | SANDING DRUM RUBBER |
| 88 | GLYCODUR | 102 | SEEGER E 25 | 118.1 | SANDING DRUM COMPLETE 175 | 135 | DRUM |
| 89 | GLYCODUR | 103 | SEEGER I 47 | 119 | BUSHING | 136 | SCREW DIN 84 M 4 x 10 |
| 90 | COMPRESSION SPRING | 104 | BALLBEARING 6005 VVCM | 120 | COVER | 137 | COVER |
| 91 | SCREW DIN 912 M 8 x 70 | 105 | SCREW DIN 912 M 6 x 16 | 121 | SCREW DIN 963 M 4 x 10 | 138 | SPRING |
| 91.1 | NUT DIN 985 M 8 | 106 | SHAFT BRACKET | 122 | KEY SHAFT | 139 | CLAMP |
| 92 | WHEEL SHAFT | 107 | KEY 4 x 4 x 18 | 123 | GUIDE BUSHING | 140 | SCREW DIN 963 M 6 x 35 |
| 92.1 | SPACER | 108 | DRUM SHAFT | 124 | EXCENTER SHAFT | 141 | EXPANDABLE DRUM COMPLETE |
| 93 | NUT DIN 985 M 10 | 109 | KEY 8 x 7 x 50 | 125 | PIN DIN 1481 ø 4 x 16 | 142 | BAR CLAMP DRUM COMPLETE |
| 94 | WHEEL ø 80 COMPLETE | 110 | SPACER | 126 | BUSHING | | |

# ASSEMBLY DRAWING AND SPARE PARTS LIST




| N° | DESCRIPTION |
|---|---|
| 143 | NUT DIN 439 M 12 USA |
| 143 | NUT DIN 934 M 8 |
| 144 | WASHER DIN 125 M 12 USA |
| 145 | CAPACITOR 35 MF |
| 146 | ELECTRIC BOX |
| 147 | SCREW DIN 912 M 5 x 10 |
| 148 | CABLE CORD |
| 149 | GASKET |
| 150 | STRAIN RELIEF PG 11 ESPIRAL |
| 150.1 | NUT PG 11 |
| 151 | CABLE WITH PLUG |
| 152 | ELECTRIC BOX SUPPORT |
| 153 | SCREW DIN 84 M 4 x 10 |
| 153.1 | WASHER DIN 125 M 4 |
| 154 | MOTOR 220-240V/50 Hz |
| 154.1 | MOTOR 220-240V/50 Hz COMPLETE |
| 154.2 | GASKET P 84 NPF 80M2 |
| 155 | KEY 4 x 4 x 25 |
| 156 | MOTOR PULLEY ø 108 USA |
| 156 | MOTOR PULLEY ø 80 (EU drum ø 175 mm) |
| 156 | MOTOR PULLEY ø 93 (EU drum ø 150 mm) |
| 157 | MOTOR WASHER |
| 158 | SCREW DIN 7991 M 6 x 16 |
| 159 | SCREW DIN 84 M 3 x 8 |
| 160 | SIRCUIT BRAKER |
| 161 | TOOL BAG EMPTY |

# DECLARATION OF CONFORMITY

CE

DECLARATION OF CONFORMITY

QUIDE, S.A. declare under our responsability that the floor sanding machine model HANDY 8E meets the requires standards of safety and health with respect to the design and manufacture of machinery, according to the below mentioned regulations.

EEC regulations regarding to:

Machines (89/392/EEC)
Low voltage (73/23/EEC)
Electromagnetic compatibility (89/336 EEC)
(Last changed through 93/68/EEC from 22.7.1993)

In conformity with the following standards:

EN 292 Part 1 and Part 2 (Safety of machinery, equipment and systems)
EN 60204.1 (Electrical equipment of industrial machines)

QUIDE, S.A.
Poligono Industrial de Itziar, E-20
20820 DEBA (Guipúzcoa)
SPAIN

# WARRANTY

QUIDE S.A. warrants to the original consumer/user that the QUIDE S.A. machine covered by this warranty is free from defects in workmanship and materials.

For a period of one year from the date of original purchase QUIDE S.A. will, at its option, repair or replace without charge, except for transportation costs, parts that fail under normal use and service when operated and maintained in accordance with the Owners Manual and Operating Instructions.

This warranty does not apply to excessive wear caused by abnormal use, nor does it apply to normal wear parts such as main cable, wheels, switches, relays, brushes, rubber parts, hoses and bearings.

This warranty is in lieu of all other warranties expressed or implied, and releases QUIDE S.A. from all other obligations and liabilities.

QUIDE S.A. assumes no responsibility for repairs, and the cost of such repairs, made or attempted by persons other than those specifically authorised by QUIDE S.A. Any such unauthorised repairs shall void this warranty.

This warranty does not apply to damage from transportation, alterations by unauthorised persons, misuse or abuse of the machine, damage and/or loss of income due to malfunction of the machine. Use of non QUIDE S.A. parts may void this warranty.

Should difficulties develop, contact your nearest authorised repair agent, or return the product to your nearest authorised repair agent freight paid.

QUIDE S.A reserves the right to make changes or improvements to its machines without notice.

Always use original DEVA spare parts.

QUI DEVA®

Member

Member

Reference Book: - H8E4

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20.05.2002