ELECTRIC SAW PX901-PX901B

DIRECTION FOR USE AND MAINTENANCE

Micerium SpA thanks you to have bought a product of their own brand and asks you to read this handbook .
Inside you'll find all the necessary information for a correct use of the acquired unit, the user is consequently requested to follow with attention the included instructions and to read the entire handbook.
In addition it should bekept in a suitable place to maintain it unchanged.
The substance of this handbook can be modified without warning, or further obligations, with the purpose of including alterations and improvements to the already delivered units.
It's forbidden to copy or to translate any parts of this handbook without written advice by the owner.
Don' t use the unit for any other purposes than the ones projected.
In case of demolition, follow the directions in force in the Country in which this operation is made
The following unit was been examinated according to the Directive CEE 89-336, 73/23EC and successive changes.
The eligibility is published by the affixing of the data plate representing the CEE mark on the unit and by the declaration of conformity herewith enclosed.

CE DECLARATION OF CONFORMITY

WE

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DECLARE UNDER OUR EXCLUSIVE RESPONSIBILITY THAT THE PRODUCT:

ELECTRIC SAW
MODEL PX901- PX901B

WHICH THIS DECLARATION IS REFERRED TO, IS IN COMPLIANCE WITH WHAT IS ESTABLISHED BY THE DIRECTIVES:
89/336/CEE Electrical equipment - Electromagnetic compatibility
73/23/EC Electrical components
AND FURTHER MODIFICATIONS

Avegno (GE), November 2005

(Dr. Eugenio Miceli)

SAFETY DIRECTIONS

Read and keep these instructions

Look out! : with the use of electric tools and to avoid contacts with electric power, injuries and danger of fire, the following safety directions must always be observed.
Read and observe these indications before using the unit and keep with care these directions.

1. **Keep your working place in order** - Disorder on the working place may cause accidents.
2. **Environmental conditions** - Don' t expose electric tools to the rain. Don' t use electric tools in wet or soaked places. Take care of good light conditions. Don' t use electric tools near inflammable liquids or gas.
3. **Avoid electrification** - Avoid contacts with earthing objects, for ex.tubes, radiators, refrigerators.
4. **Keep children away** - Don' t let third persons touch the unit or the cord, keep them far from the working place.
5. **Put your tool in a safe place** - Put your unit in a dry and safe place in order to not be accessible by children.
6. **Don' t overload your tool** - You' ll work better and safer using the rating plate's power.
7. **Choice of the unit** - Don' t use low power tools or accessory that must be used with high power. Don' t use tools for work and purposes to which they aren' t designed.
8. **Work attire** - During working, always dress properly, avoiding the use of loose-fitting dresses or too large sleeves.
9. **Use safety glasses** - Always use protective glasses. If you should work or something that produces dust, use a mask.
10. **Pay attention to the cord** - Don' t lift the tool by the cord and don' t use it to pull off the plug from the tap. Avoid contacts between the cord and high temperatures, oils, edges.
11. **Fix the piece fastened on which You are working** - Be sure that the piece is locked by a vice or in any case well blocked.
12. **Avoid unsafe positions** - Be sure to stay in a safe position, in order to maintain a good balance.
13. **Take care of your tools** - In order to work in a safe way, sharper and clean your tools, follow the assistance prescriptions and the directions about the change of using tools.
    Often control the cord and, in case of damages, have qualified people change it. Control regularly the extension cords and change them if they are damaged; the side handgrips must be dry and without oil or fat.
14. **Changing of working tools** - Before making repairs and changing of tools, (f. e. saw-blades, points and in any case tools), always pull off the plug from the power tap.
15. **Don't leave service keys on the unit** - Before using the tool be sure that service keys are taken away.
16. **Avoid unworked startings** - Before Your put the plug in the power tap be always sure that the switch is off.
17. **Don't use the unit in open places** - The unit must be used in well lighted and only indoors
18. **Always be careful working** - While working, don't be distracted. A lack of attention can cause accidents. In presence of other people in the working place, we recommend to maintain a suitable distance from the operator and the unit, in order to avoid unwanted and unintentional contact with machine parts in motion or residues of cuts.
19. **Always control that the tool isn' t damaged** - Before using the unit, check with attention its efficiency and the perfect working of the safety devices and if necessary of damaged parts.
    Control the efficiency of the movable parts, that they aren't blocked, that there aren't broken parts, that the others are assembled in a right way and that all the conditions that could influence the correct efficiency of the unit are optimal. Safety devices or damaged parts must be repaired or changed by a Authorised Centre of Assistance if different indications aren't given.
20. **Watch out!** - For your safety use only tools or accessories indicated in the direction for use or offered in proper catalogues. The use of different accessories or using tools, or anyway not indicated in the direction for use or in the catalogue, may cause accidents.
21. **Have qualified people change the tools** - This ELECTRIC unit is in conformity with the safety directions in force. The repair of electric tools must be done only by Authorised centres of assistance.
22. **Magnetic field** - The unit is endowed with a magnetic working plane which emits a significant magnetic field during the working phases. For this reason, people with medical devices (such as pacemakers) must keep a suitable distance from the unit.

CONTENTS

1.0 TECHNICAL FEATURES

PX901

Voltage:	220V. 50Hz
Base:	210x440 mm.
Blade:	80x16x0,2 cm. (thickness 0,2 mm)
Weight:	12 kg.
Height:	260 mm.

PX901B

Voltage:	220V. 50Hz
Base:	210x540 mm.
Blade:	80x16x0,2 cm. (thickness 0,2 mm)
Weight:	13,5 kg.
Height:	260 mm.

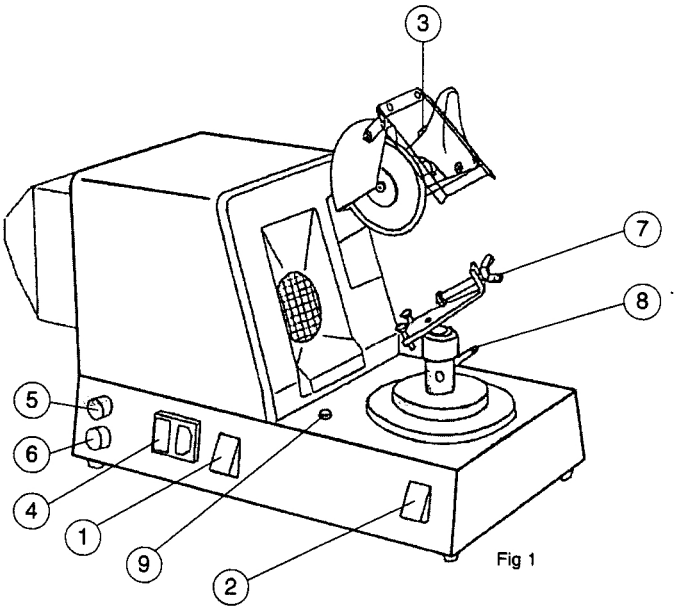


Fig 1

2.0 DEVICES OF CONTROL

1.STARTING SWITCH
It' s the switch which gives tension to the unit .
2-3. PUSH - BUTTON OF STARTING ENGINE
Pushing both and simultaneously these push-buttons the disk begins its rotation. While working, they must always be, because the release of only one causes the disk to stop immediately. They also control the start of the exhauster and the activatier of the electro- magnet.
4. FUSEHOLDER CIRCUIT 220V.
It contains the fuse that protects the chief circuit at 220V
5. FUSEHOLDER CIRCUIT 220V.
It contains the fuse that protects the exhauster' s engine (PX901B) or the one of the external exhauster (PX901).
6. FUSEHOLDER CIRCUIT 24V.
It contains the fuse that protects the low tension circuit.
7. SCREW FOR THE LOCKING MODEL
The locking of this screw blocks the plaster model on the modelholder.
8. LEVER FOR THE LOCKING OF THE INCLINATION
The activation on of this lever allows the locking of the modelholder in the position preventively chosen by the operator.
9. WARNING LIGHT
The putting on of this light is got pressing the two push-buttons of the starting engine ; it points out that the electro-magnet is on. This light will always be lighted while working , it will be put out only at the end of working and a few seconds later than the engine. The electro-magnet will be on for the necessary time to avoid mistakes and danger caused by faulty operation when the disk is still in movement of inertia.

3.0 GENERAL INDICATION ABOUT THE UNIT

The saws PX901 and PX901B are units built expressly to make the cut of plaster models in order to separate the dies. They are formed by a hausing made of a painted steel plate on which are fixed the following main assemblies.
- MOVING ARM

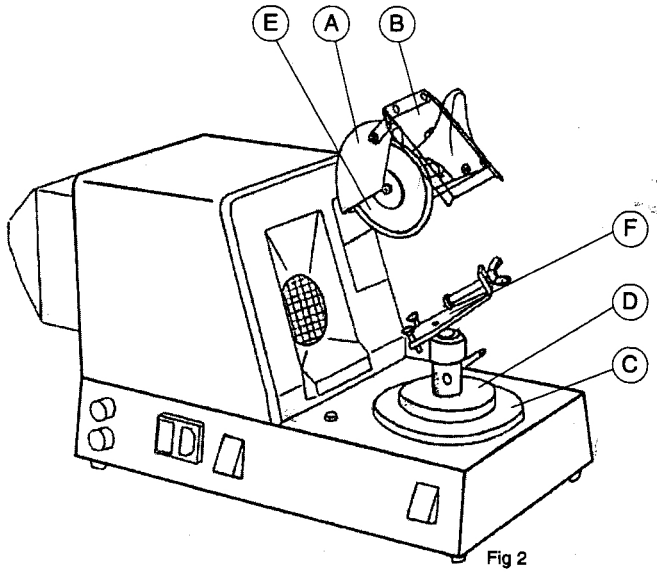


Fig 2

Includes the square section that acts as structure, the engine, the members of transmission and the tool for working.
- ELECTRO-MAGNETIC PLANE
- EXHAUSTER'S DEVICE (included only in PX901B)
Formed by the engine, the filter, the tube of connection and the dusts' conveyor.
- ELECTRIC SYSTEM
Includes the switches, the push-bottons and the printed circuit.
In order to increase the safety of these units there are the following protections:
- A blade cover (PART A Pict. 2) that avoids the casual contact with the disk in the upper zone.
- A protection made of plastic-transparent material (PART B Pict. 2) with the function of holding bodies or particles that could project themselves towards the operator during the working.
TO THIS PURPOSE THE OPERATOR MUST ALWAYS WEAR PROTECTIVE GLASSES AND A DUST MASK.
- An electro-magnetic plane endowed with a high power (PART C Pict. 2) that guarantees a great stability to the model holder base (PART D Pict. 2).
It generates a magnetic field during its operation, so don't

bring near to it materials that could be damaged by it, such as magnetic tapes, floppy disks, etc. In particular, people with medical devices, such as pacemakers, must be careful.
- A returning spring of the moving arm that brings it back to in its stopping position.
- A driving cog belt that, besides being free from maintenance, allows the tool (PART 2 and 3 Pict. 2) to stop itself in a short time after the release of the push-buttons (moving push-buttons PART 2 and 3 Pict. 1) .
- A two-hands command that necessitates suppression of both the two push-buttons (PART 2 and 3 Pict. 1) in order to activate and to maintain the disk in rotation. They are crossed by a low electric tension.
As mentioned earlier , these units are projected to cut plaster models , for this reason it' s important :
-To always cut dry plaster , because wet plaster may pug itself with the breaking of the disk.
- Don't use materials different from the ones allowed.
- Connect an exhauster to the model PX901 where such is lacking using the connections placed at the back of the unit (See par. 3.1).
- Always in good conditions the system of suction cleaning often the filter (see the chapter about the maintenance in this handbook par. 7.4).

3.1 CONNECTION OF THE EXHAUSTER (Mod. PX901)

This operation must be done by qualified personnel.
Important thing: before connecting the exhauster with the unit, be sure that it hasn't a capacity lower than 15 1t/sec and that the highest power isn' t greater than 800 W.
This condition must be observed in order not to hinder the working of the unit.
In order to make the connection, follow these indications:
1. Pull off the plug from the power tap of the unit.
2. Connect, through a flexible tube, the exhauster to the unit, plugging it in its proper tube (PART A Pict. 2). The tube must have an inner diameter longer than 20 mm. in order to guarantee the passage of air at least equal to 3 cmq.,and a length (according to your necessity) so short in order to reduce the loss of the load. In addiction it mustn't have excessive crushing or folding.
3. Connect the main supply cord of the exhauster to the power tap on the back side of the unit (PART A Pict. 2).
If the plug is different from the required model, change it with the one that is supplied with the unit.

After the connection, the exhauster will start operating simultaneously with the rotation of the disk, putting on the push-buttons 2 and 3 of pict. 1.

4.O INSTALLATION OF THE UNIT

4.1 INSTALLATION
- Remove the unit from the package by at the opening side taking care of not to collide against the disk.
- Check that all the parts of the unit are whole. If this should not be the case, immediately contact the retailer.
- Lay the unit on a fixed plane in a well lighted and dry place and, free with space of at its sides, at least 30 cm.
- Now the unit is assembled, ready to work.
- Connect the unit to the exhauster if such should be lacking (model PX901-par .3.1)
- Don't throw the package away, but conserve it for next movements.

4.2 ELECTRIC CONNECTION

Before connecting the unit be sure that the tension of service indicated on the data plate agrees with the one of the system and that it is endowed with earth wire.
- Connect the plug of the ELECTRIC flying cord coming from the unit to the proper tap. Make this operation when the general switch is off.
The main supply of the unit must be done according with the instructions of Micerium SpA that, however, isn' t responsible the connection fax.
The endowed mains supply cord is of the model H 05 with a section consistent with the highest absorbed power indicated in the technical features).
The supplied cord has a length of 2 m. In case of using extensions, be sure that:
- The collocation of the cord doesn't cause damages;
- The point of connection to the ELECTRIC power font guarantees the presence of all the necessary protections for the directions in force.

5.0 MOVEMENT

- Conserve the package of the unit that will be useful if you have to move it to a different working place .
In this case, follow the operations indicated below. We suggest you to dismantle the disk (Par 7.6) in order to avoid it being accidentally damaged casual damage.
A. Switch off the unit, disconnect the ELECTRIC plug and later pull it out of the unit.
B. Put the modelholder base (PART D Pict. 2) in its proper box with the supplied keys, and put all in the pack in its place.
C. Put the unit in its box in its proper place.
D. Put in the ELECTRIC plug and the handbook of the directions for use and maintenance, then put on the cover and close the box.

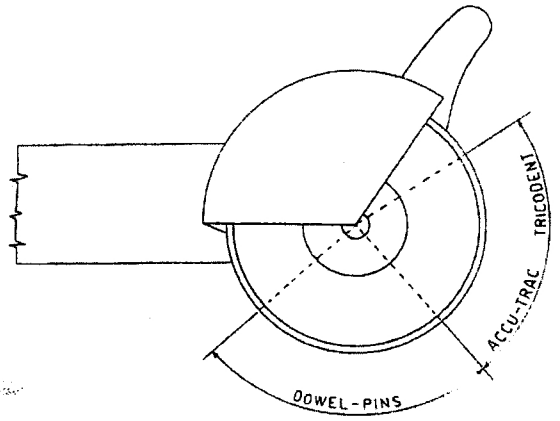


Fig 3

6.0 GENERAL DIRECTIONS FOR USE

6.1 INDICATION ABOUT THE USE OF THE UNIT
The operator must be in front of the unit in order to use his right hand on the moving arm and on its push-button (PART 3 Pict.1), while with his left hand he must activate the controls placed on the side of the base (PART 1-2 Pict.1).
Concerning the use of the unit, follow these operations chronologically:

1. Fix the model on the modelholder being sure that it can't be moved during working.
2. Lay the complex base+model (PART D Pict. 2) on the electro-magnet plane (PART C Pict.2).
3. Switch on the unit using the push-button (PART 1 Pict. 1), simultaneously also the light of working will be switched on.
4. Put the complex base+model (PART O Pict. 2) on the working plane (PART C Pict 2) getting the disk to cut in the place desired (PART E Pict. 2).

For this purpose you can change the inclination of the modelholder (PART F Pict.2) using the proper lever (PART 8 Pict.1).
TAKE CARE: Before start to work, be sure that the protection screen is led down.
5. Push the push-buttons (PART 2-3 Pict.1) that make the disk move and the exhauster simultaneously, they also command the operating of the magnetic plane (not electrical but standard magnet on PX901C model) (PART C Pict.2) that fixes the base on it (PART D Pict. 2). The warning light (PART 9 Pict 1) will draw attention to this situation.
LOOK OUT: Never set in motion the unit when the disk is on the model: when it starts its rotation it must be free.
6. Go on pushing the starting push-buttons (PART 2-3 Pict.1) let down the moving arm and make the cut on the model until its achieved the wanted depth. **LOOK OUT:** More pressure doesn't mean necessarily a quick cut, on the contrary it can cause an excessive heating of the disk and of the unit (See PAR. 2-3 Pict. 1).
7. At the end of the cut put the disk, back in its relaxed position and pull away from the starting push-buttons (PART 2-3 Pict. 1).
8. If you will not use the unit within a short time, switch off the unit and pull out the plug from the power tap.

With the use of the electric saws PX901 and PX901B it is possible to work the plaster model by three different systems ,that is to say Dowel-Pins (double casting with supports), Accu-trac, Tricodent (or Model Tray) using each time the modelholder made specially (Picture B-C-D Pict. 4).
LOOK OUT: In order to replace the modelholder, manually unscrew it anti-clockwise from the base after having blocked it with a little lever. In order to position the new modelholder,
proceed in the same way, manually screwing it in clockwise on the base.

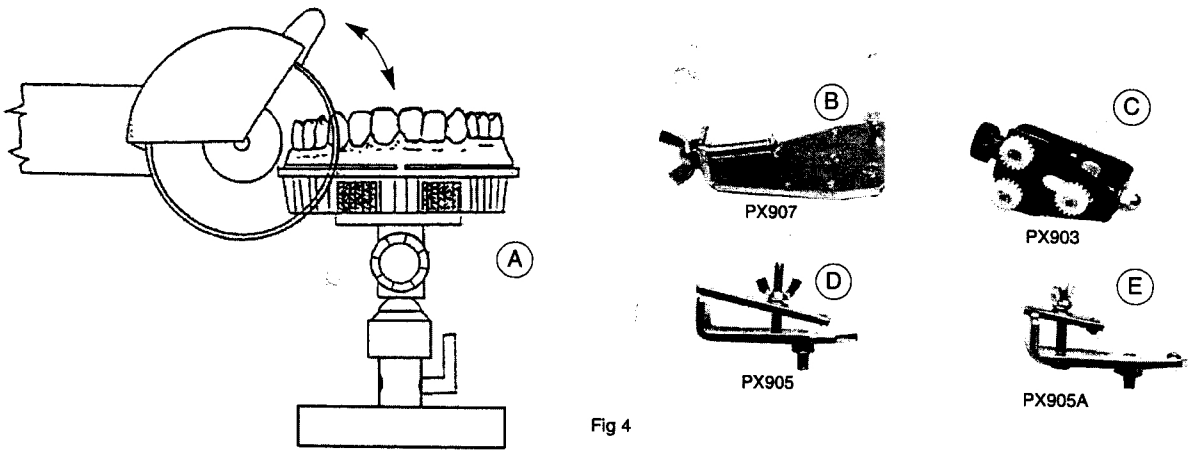


Fig 4

6.2 WORKING OF THE MODEL DOWEL-PINS

This modelholder is supplied with the unit. In order to work the model, it is very important to insert the supports in the impression in a vertical position (in this case would be excellent the use of a pinning unit).
Therefore, be careful not to make cuts that can interfere with the support or part of it, because this situation involves the quick wear of the disk or even the break of some of its sectors, in this case exchange it immediately with a new one.
- The right position of the model is the one below the burholder shaft (Pict. 3 and pict. B Pict. 4)
- It's also important, during the cut, that the disk doesn't interfere with the screws on the modelholder, these must be regulated on the lower position compatible with a good fixing of the model.

6.3 WORKING OF THE MODEL ACCU-TRAC

The modelholder ACCU-TRAC is an accessory on request. This kind of model must be put on the modelholder in a way that the teeth of the mechanism, securing the taking, catch themselves perfectly in the knurled low part of the model (Part C Pict. 4).
In this way it will be able to be blocked, pressing the knob (Part A Pict. 4) in any positions at the condition that the three mechanisms are always in taking position (Pict. 5).
Thanks to this system, the zone of the disk concerning the working is the one in front of the burholder schaft (Part C - Pict. 4) this allows us to make use of a greater depth of cut (Pict. 3).
- Place than the complex model+base shifted forward as regards the disk (Part A Pict. 4).
- Be careful that the disk doesn' t hurt the modelholder or its mechanisms during the working.
-The plate of support of the base must never come out from the central core of the electro-magnet, because in this case the traction will be nothing.
- In order to avoid the fall of the sectioned dies, pouring also the inner zone of the model, that will take them in their position.

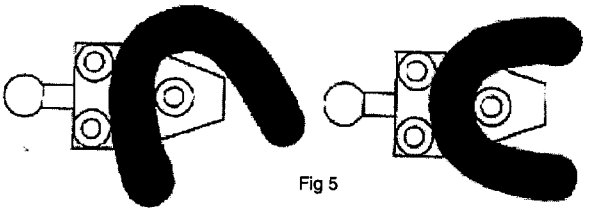


Fig 5

6.4 WORKING OF THE MODEL TRICODENT AND MODEL TRAY

The modelholder TRICODENT is an accessory on request.
It is formed by a sort of terminal that blocks the model on its internal part (Pict. 6): it's consequently necessary pouring it at all.
Also this kind of model agrees with the before said speech according to which the zone of the disk concerning the working is the one in front of the burholder shaft.
- Put the complex base+model shifted forward as regard to the disk.
- Be careful that the disk doesn' t hurt the modelholder.
- The plate of support of the base must never come out of the central core of the electro-magnet, because in this case the traction will be nothing.

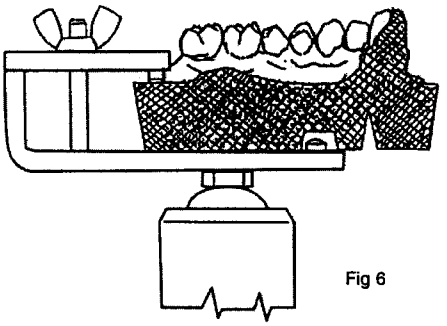


Fig 6

6.5 SUGGESTED CUTTING TIME TO OBTAIN A CORRECT MOVEMENT OF THE TOOL

To make the cut on a pouring model with the system Dowel-Pins (Part B Pict. 4) according to the height and the section of the model, the working time can change from a minimum of 4 seconds to over 10 seconds.
Instead the models ACCU-TRAC (Part C Pict. 4) and TRICODENT (Part D Pict. 4) have longer working time, because the section of the model includes also the base, so the cutting time increases from a minimum of 10 seconds to a maximum of 18-20 seconds.
It's important then to use a slow movement that allows to empty the asported plaster, obtaining a precise and straighter cut.

7.0 PERIODICAL MAINTENANCE BY THE OPERATOR

All the operations for maintenance must be done when the unit is stopped, disconnected by the mains supply.

7.1 MAINS SUPPLY CORD
Control periodically the conditions of the power cord. If it is damaged, make qualified people change it.
7.2 ELECTRO-MAGNETIC PLANE
Take always the electro-magnetic plane clean, if necessary, grease it with vaseline oil to protect it from oxidation.
7.3 LUBRIFICATION
The unit is endowed with waterproof bearings, so it isn't necessary the lubrification of the moving parts.
7.4 CLEANING OF THE FILTER
Disassemble the sponge filter each 5 or 6 days in which the saw was used.
In order to do that, unscrew the locking knob (PART 86 Pag. 13), than take out the filter and clean it with compressed air, later put it such a before. The obstructed filter causes a wrong aspiration of the dusts produced during the working. If the filter was damaged, change it asking only to our technic assistance.
7.5 CLEANING OF THE EXHAUSTER'S DEVICE
After a long working time it can be necessary eliminate the plaster sediments that are formed inside the exhauster' s devices, for this reasons their section can tighten so much that compromises the right working of the exhauster.
In order to make this operation it's necessary to disassemble the side where the dusts are conveyed (PART 6 of Pag.11) after taking off the screws that fix it (PART 1 of Pag. 11).
7.6 CHANGING OF THE DISK
The disk must be changed each time its conditions doesn' t allow of using it in absolute safety conditions.
Change it without delay if it appears bent or if one or more sectors are lacking or bent in consequence of impacts. The wear of the disk isn't easily identified only with a visual check, anyway its deterioration is identified valuing the operator's effort during the working. In fact a wearing disk lacks of its abrasive power.
Don't assemble absolutely disks made of HSS (super-quick steel), because they chip and break shattes all of a sudden.
LOOK OUT: Before changing the disk switch off the unit and pull off the plug from the power tap. Put the keys of 4 mm (PART 113 of Pag. 14) in the hexagon of the left screw that blocks the disk, then insert the support (PART 112 of Pag. 14) in the hole made on the shaft that in this way will be blocked. Unscrew the screw in a clockwise direction as far as the disk will be free. Reassemble the new disk and make the before said operations in the contrary direction.
The disk hasn't an its own direction of rotation, so it can be assembled in both the directions.
7.7 CHANGING OF THE LAMP FOR ENLIGHTENED
In the case you must change this lamp, use an other with the same features.
In order to take it away from the lampholder it's enough a little traction towards the inside and the spring contacts will be open making it free. Instead to reassembled it you must lay and press it in the direction of the lampholder.

8.0 TROUBLE SHOOTING GUIDE

All this operations must be done when the unit is disconnected .Don' t make operations of maintenance ,regulations or repairs that aren' t indicated in this handbook for use and maintenance . In case of necessity contact our technical assistance .

TROUBLES	CAUSES	SUGGESTIONS
The unit doesn' t work	- The electric power doesn't arrive to the unit	- Be sure that the cord of connection between the unit and the electric system is correctly connected in the respective taps. - Control the respective fuse (for this operation turn to qualified personal).
The lamp for enlightened doesn' t work	- Break of the filament - Control the respective fuse that must be burn	- Take it off from the lampholder and be sure that it' s integral , on the contrary case change it with a new one. - Change the respective fuse (for this operation turn to qualified personal).
The exhauster, even if it works, doesn' t suck in the dusts made during the cutting	- The filter is obstructed. - The door of the exhauster isn't well closed (PX901B)	- Disassemble the filter and clean it. - Tighten up the screw for the locking (PART 86 of Pag.13) and control that the door adheres to the metal frame (PX901B).
-The mousse gaskets on the internal part of the door doesn' t guarantee the seal	- Check their conditions and if necessary change them (PX901B)	
	- The tube of connection between the dust' s conveyor and the exhauster could be obstructed by plaster deposits	- Check this condition and operate. (see the paragraph about the MAINTENANCE).
The plaster of the model has a tendency to clog and	- The model could have a too high level of dampness	- Control the drying process of the model.
During the working the disk has a tendency to vibrate or to break the model or anyway doesn' t work correctly	- The disk is damaged	- Control that it hasn' t had impacts, that it hasn' t bent or lacking parts. In this case change it.
	- The disk is assembled in a wrong way or extraneous particles could be between it and the planes for the locking - The disk is worn	- Disassemble it and clean its surfaces. (see the paragraph about the MAINTENANCE). - Change the disk (see the paragraph about the MAINTENANCE).

If the imperfection isn' t resolved , although the made checks , we advise you to ask the retailer or the maker.
For all the damages connected with : transmission , engine or ELECTRIC parts you must ask the maker

9.0 ACCESSORIES

ENCLOSED ACCESSORIES :
- ELECTRIC cord with a tap EN 60320-C13 and a plug SCHUKO CEE7 -S.S.VII.
- Setscrew wrench of 4 mm.
- Cylindrical plug with a diameter of 3 mm.
- Rotary base
- Modelholder DOWEL-PINS
- Lamp and fuse of replacement kit
- Flying plug (mod. PX901)

ACCESSORIES DISPOSABLE ON REQUEST
- PX903 Modelholder ACCU-TRAC
- PX905 Modelholder TRICODENT
- PX905A Modelholder MODEL TRAY
- PX904 Refill diamond disk 80x0.25 mm. (hole 16 mm.).

10.0 MAKER'S LIMITED GUARANTEE

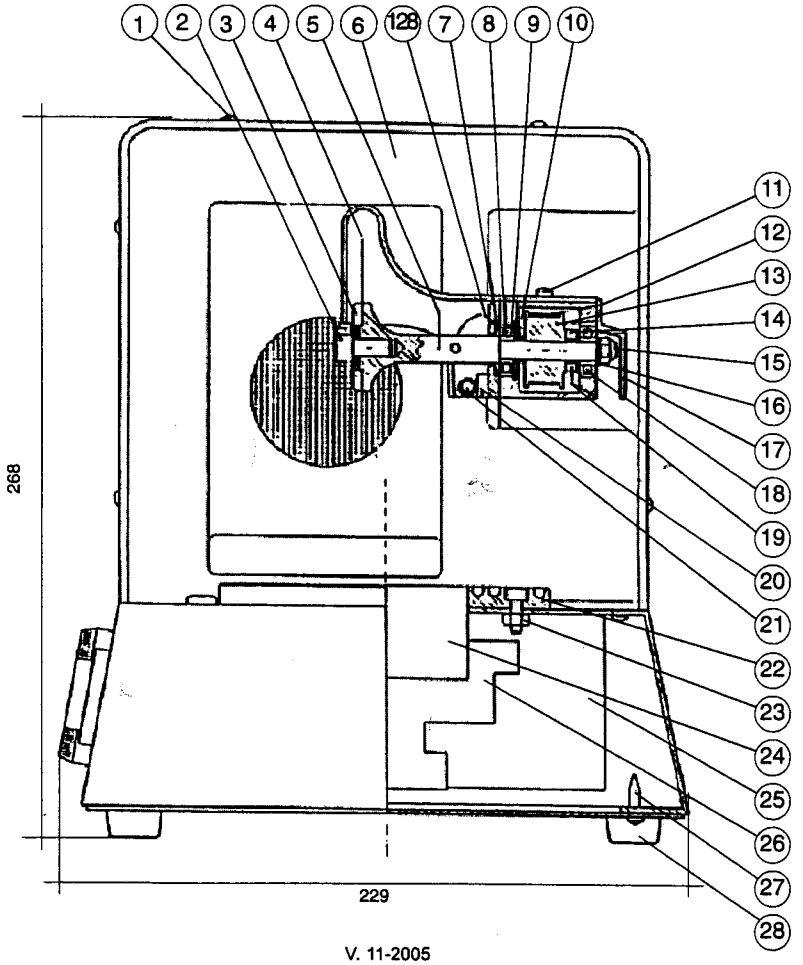
The guarantee is limited Micerium SpA guarantee that the saw PX901 and PX901B operated by ELECTRIC engine is free from imperfections of material and processing for a year from the purchasing date. The guarantee is valid only if the product was bought from Micerium SpA or Authorised retailers. This guarantee isn't valid if the product was used in an illicit way, if was altered, changed or repaired by unauthorised personal by Micerium SpA or by unauthorised services' agents.
In the case that the product shows, in one year from the purchasing, imperfections of material or processing it must be sent to Micerium SpA or to an Authorised by Micerium SpA service's centre, paying the travelling expenses, enclosing name, address, the purchasing date's proof and a short declaration of the noticed imperfection.
Micerium SpA, as it likes, will make the repair or the change of the imperfect product without any expense by the purchaser.
Possible repairs or changes are guarantee in the above described way for the rest of the original guarantee time. The guarantee is limited to the repair and change of the imperfect product.
(There are no other implicit or explicit guarantees and in addiction Micerium SpA will be not responsible of casual or special damages or of other damages, costs or expenses except the ones of repair or change as above described).

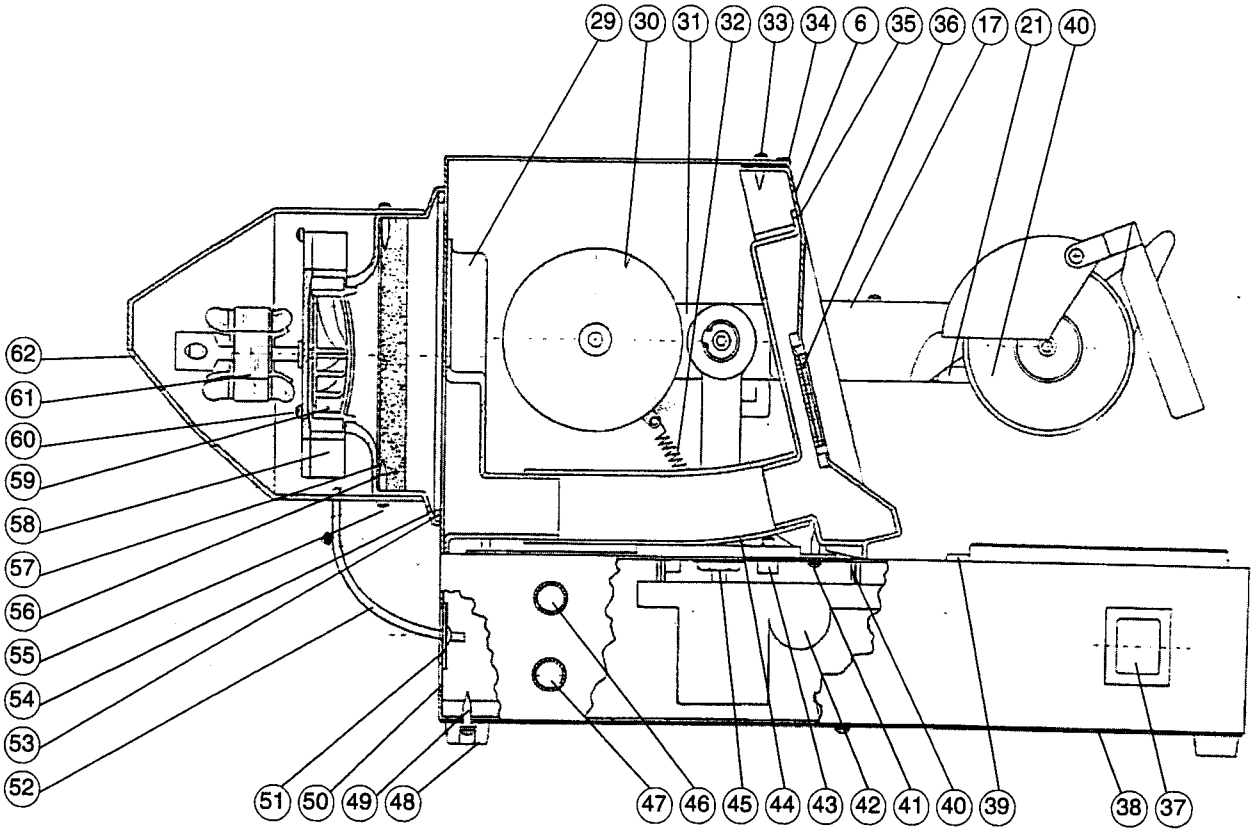
11.0 PARTS LIST

PICT.	DESCRIPTION	REF.
1	Self-tapping screw 3,9x13	09-001
2	Socket head screw M5x15 left	09-002
3	Locking-disk washer	09-003
4	Diamond disc	PX904
5	Burholder shaft	09-005
6	Front	09-006
7	Preloading spring	09-007
8	Bearing	09-008
9	Seeger diam. 19	09-009
10	Spacer	09-010
11	Screw M4x6	09-011
12	Indented belt	09-012
13	Driven pulley	09-013
14	Dowel 4Mx4	09-014
15	Selflocking nut M5	09-016
16	Washer	09-015
17	Bladecover	09-017
18	Bearing	09-008
19	Dowel M4x4	09-014
20	Lampholder	09-020
21	Lamp	09-021
22	Working plane	09-022
23	Socket head screw M4x12	09-023
24	Electro-magnet	09-024
22+24	Electro-magnet 24V+working plane	00101
25	Transformer	09-132
26	ELECTRIC card	09-133
27	Self-tapping screw 3,9x13	09-001
28	Rubber feet	09-028
29	Conveyor of plaster	09-029
30	Engine	09-134
31	Moving arm	09-135
32	Tractive spring	09-032
33	Self-tapping screw 3,9x13	09-001
34	Rubber profile	09-034
35	Plaster tray	09-035
36	External round grid	09-036
37	Push-botton	09-037
38	Lower cover	09-038
39	Warning light	09-039
40	Column bearing grid	09-137
41	Self-tapping screw3,9x13	09-001
42	Condenser	09-139
43	Socket head screw M6x10	09-043
44	Pipe fitting diam. 30	09-044
45	Cable press	09-140
46	Fuseholder 5x20	09-141
47	Fuseholder 5x20	09-142
48	Rubber feet	09-028
49	Self-tapping screw 3,9x13	09-001
50	Base	09-143
51	Connecting link	09-144
52	Power supply cord of exhauster	09-102
53	Sleeve	09-049
54	Exhauster body	09-050
55	Self-tapping screw 3,9x13	09-001
56	Filter	09-052
57	Exhauster grid	09-053
58	Fancover	09-054
59	Exhauster fan	09-055
60	Self-tapping screw 3,9x26	09-056
61	Exhauster engine	09-057
62	Exhauster cap	09-146
61+62	Exhauster, complete with cap	PX902
63	Tearing rivet	09-128
64	Hinge	09-059
65	Socket head screw M5x8	09-060
66	Washer	09-015
67	Dowel M4x4	09-014
68	Driving pulley	09-063
69	Bearing moving arm	09-064
70	Seeger diam. 19	09-009
71	Central pin	09-148
72	Socket head screw M5x10	09-067

PICT.	DESCRIPTION	REF
73	Spacer	09-149
74	Bearing	09-008
75	Spacer	09-070
76	Spacer	09-071
77	Bearing	09-008
78	Preloading spring	09-073
79	Socket head screw M5x15	09-067
80	Push-botton	09-150
81	Glow screen	09-151 / PX908
82	Socket head screw M4x10	09-152
83	Switch	09-153
84	Embedding plug	09-154
85	Metal cap	09-079
86	Handwheel M5x10	09-080
87	Locking screw	09-081
88	Dowel-Pins Modelholder body	09-082
87-90	Complete Dowel-Pins Modelholder	PX907
89	Dowel M6x18	09-083
90	Countersunk screw M5x20	09-084
91	Moving cylinder	09-085
92	Moving ball 8	09-086
93	Dowel M5x5	09-087
94	Eccentric lever	09-088
95	Pressure spring	09-090
96	Countersunk screw M6x10	09-091
97	Main supply cord	09-093
98	Base plane	09-094
99	Vice body	09-095
100	Vice cap	09-096
101	Swinging ball	09-097

PICT.	DESCRIPTION	REF
91-101	Adjustable metal base for support	PX906
102	Nut M6	09-098
103	Dowel M4x4	09-014
104	Spacer	09-104
105	Nut M4	09-105
106	Gear	09-106
107	Cursor	09-107
108	Cap nut M6	09-108
104-118	Modelholder for accutrac	PX903
109	Threaded bar	09-109
110	Nut M6	09-098
111	Dowel M6x18	09-083
112	Cylinder plug diam. 3x50	09-092
113	Setscrew wrench 5 mm.	09-089
114	Flying plug	09-114
115	Modelholder body Accutrac	09-115
116	Handwheel F.	09-116
117	Gear	09-117
118	Socket head screw M4x10	09-152
119	Dowel M6x18	09-083
120	Nut M6	09-098
121	Modelholder body Tricodent	09-121
122	Locking bar	09-122
123	Wing nut M5	09-123
124	Tie rod	09-124
119-124	Modelholder for Tricodent	PX905
	Modelholder for Model Tray	PX905A
125	Embedding tap	09-125
126	Metal cap	09-126
127	Union of exhauster	09-127
128	Bearingblocker flange	09-128

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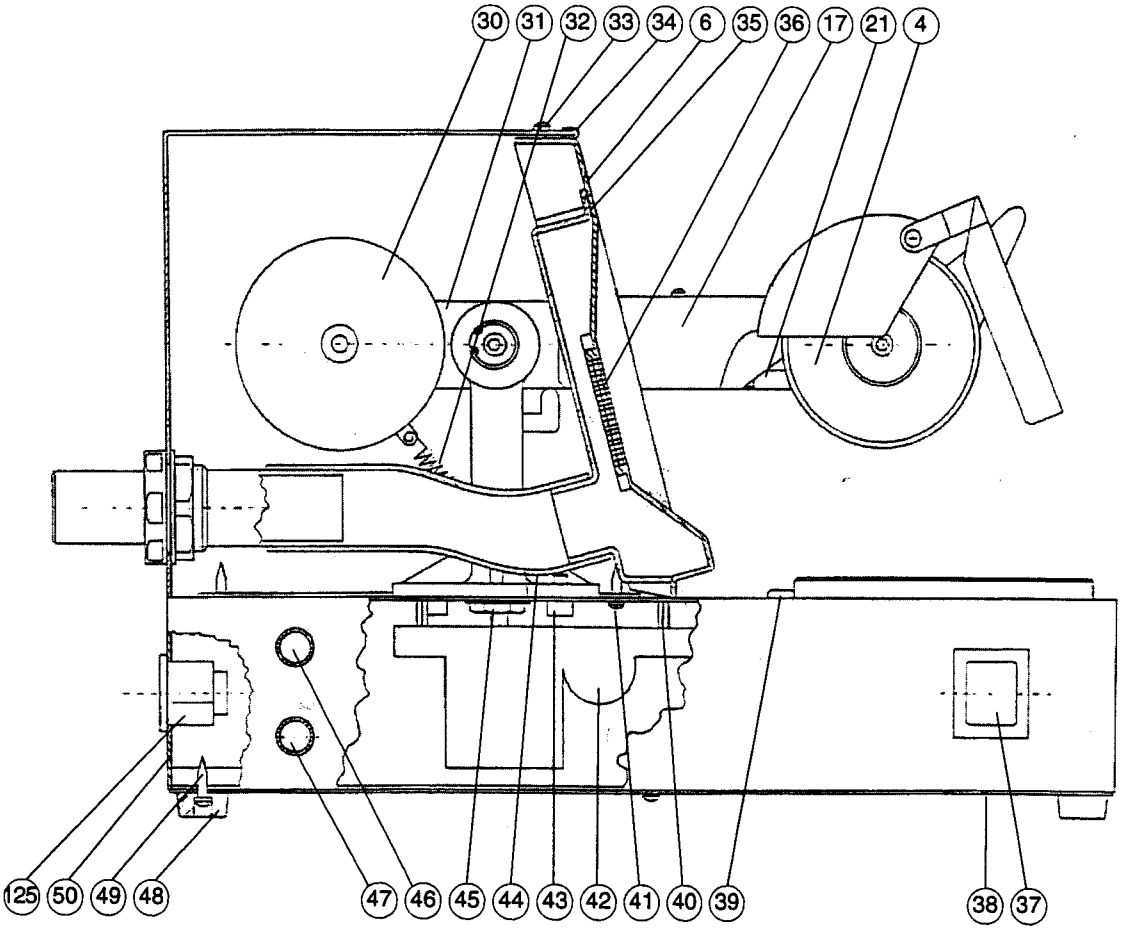
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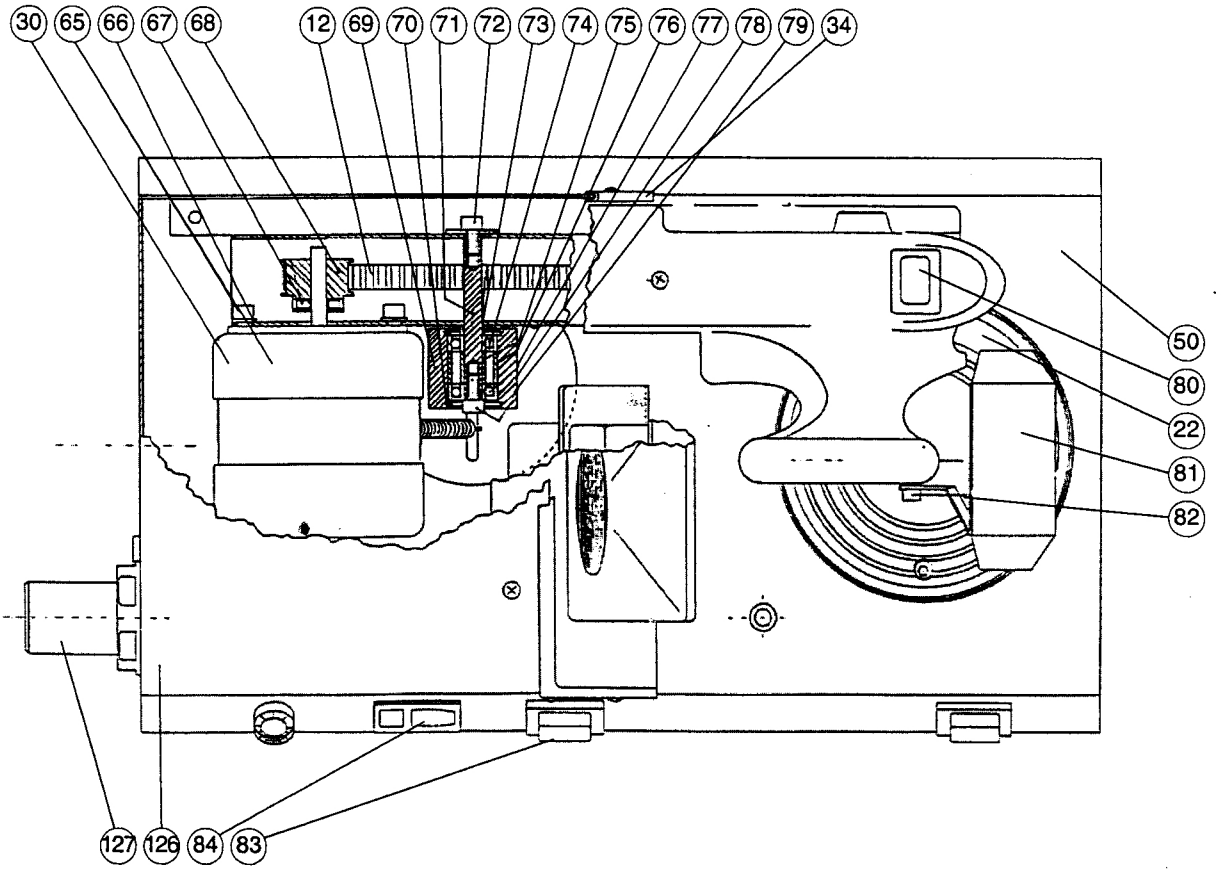
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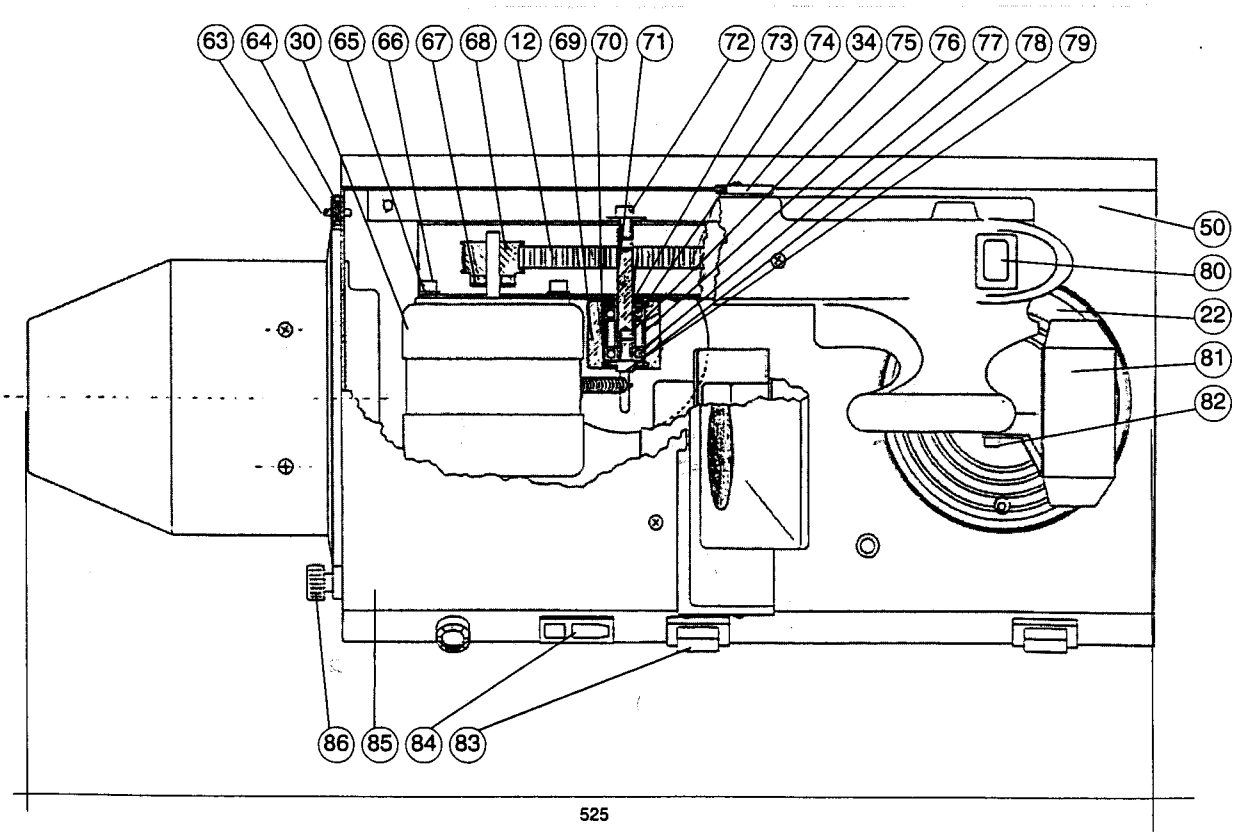
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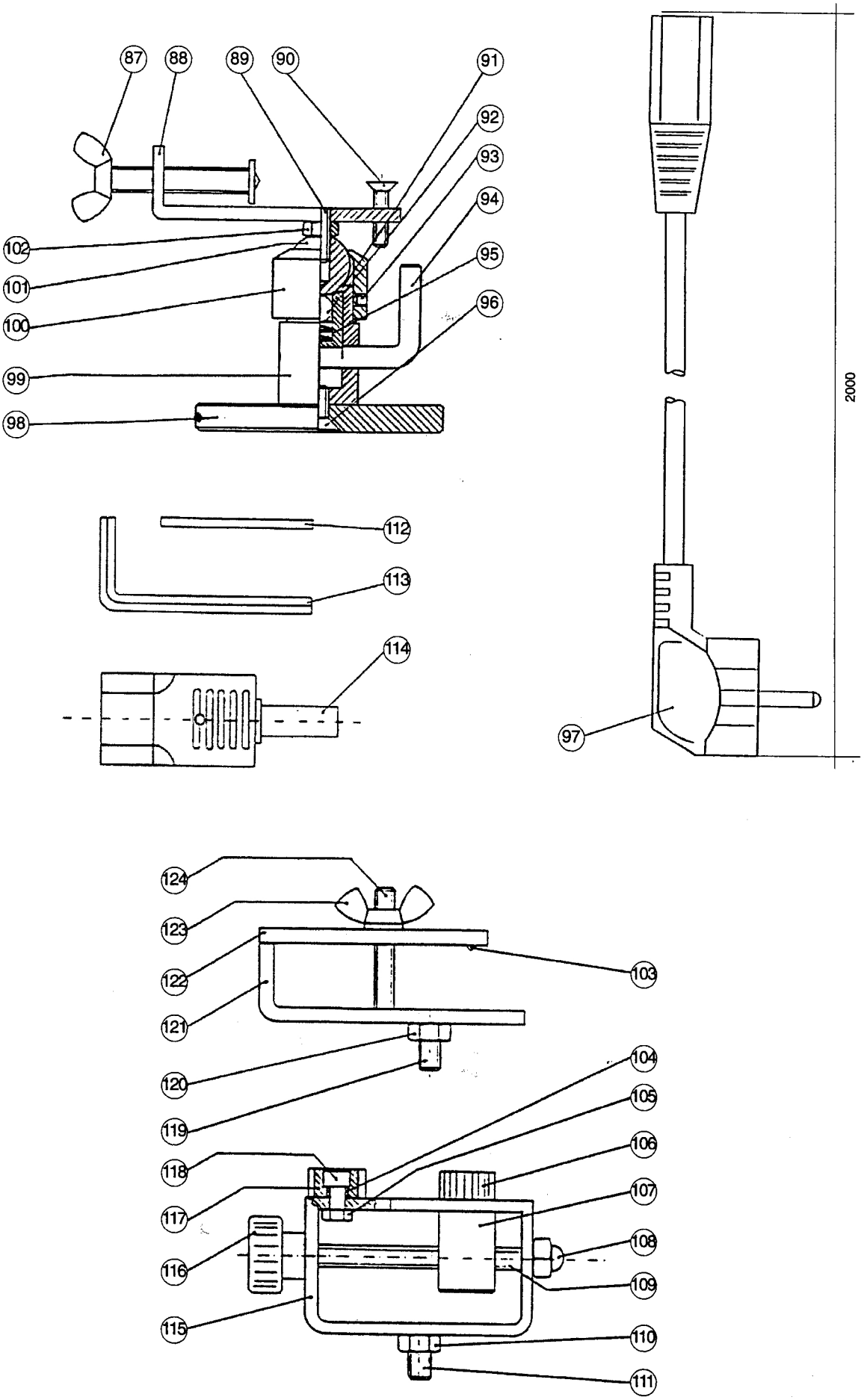
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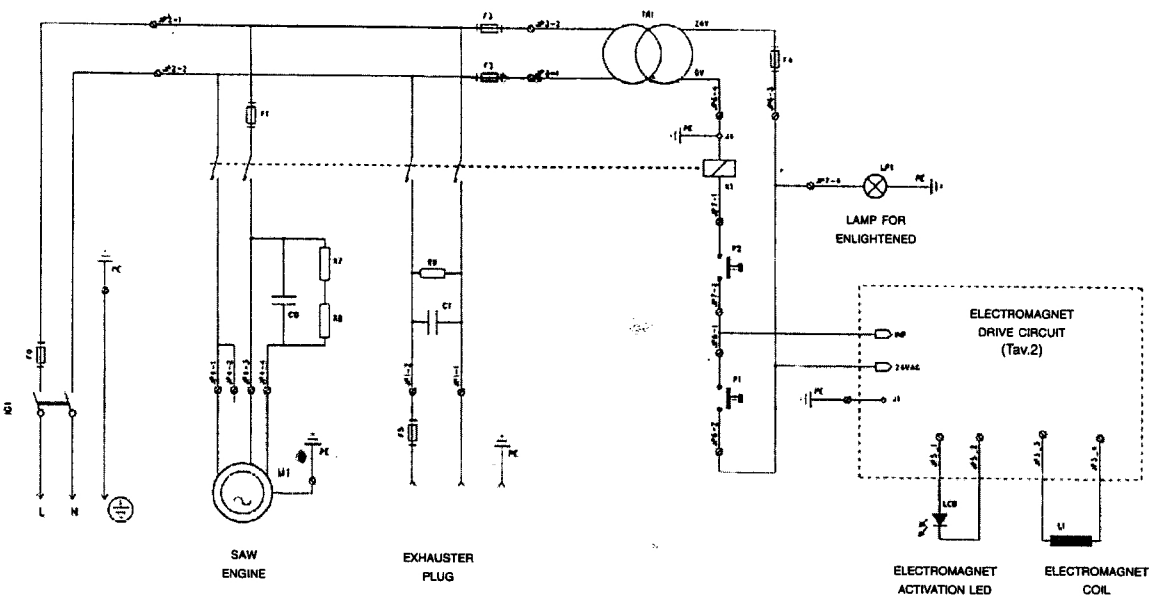
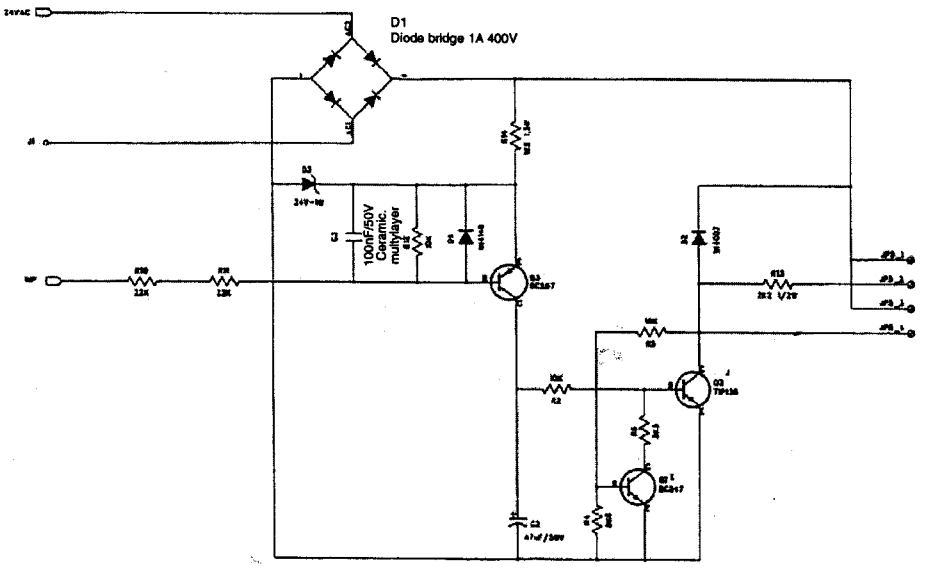
12.0 ELECTRICAL SCHEME



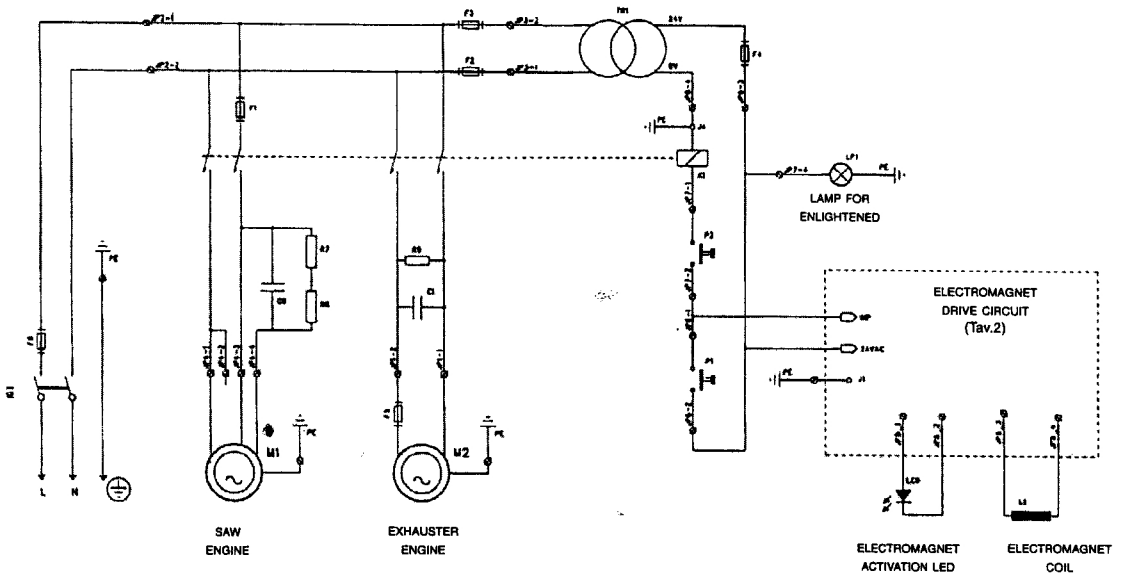
ELECTRIC SAW PX901
ELECTRICAL SCHEME
TAV. 1/3



NOTE:
all resistances are in OHM.1/4w.5%
unless otherwise specified

ELECTRIC SAW PX901-PX901B
ELECTRICAL SCHEME
TAV. 2/3

12.0 ELECTRICAL SCHEME



ELECTRIC SAW PX901B
ELECTRICAL SCHEME
TAV. 3/3