

**JOPEVI**®

MODEL J-228

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**J-228 AUTOMATIC ELECTRONIC MACHINE FOR PLACING EYELETS.**



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## INTRODUCTION

### **AUTOMATIC ELECTRONIC MODEL J-228 MACHINE FOR PLACING EYELETS.**

The function of this machine is the fixing of eyelets on footwear, leather goods, or on any other product or material which should require this application.

### **WARNINGS.-**

- User unawareness of the machine leads, on many occasions, to elementary doubts about its workings.
- Please read this instruction manual carefully for your guidance, in order to obtain optimum performance from the machine.
- We wish careful attention to be paid to these warnings, and express our thanks for your confidence in us on purchasing this machine.

JOPEVI, S.L. DISCLAIMS ALL RESPONSIBILITY DERIVING FROM  
INCORRECT USE OF THIS INSTRUCCION MANUAL OR FROM  
ERRONEOUS TRANSLATION.

### **MACHINE IDENTIFICATION AND MARKINGS.-**

The machine incorporates an aluminum plaque, attached with four rivets, indicating the following:

Name of manufacturer  
Year of manufacture  
Model and manufacturer's number  
Power in kw  
Maximum pressure in bars (pneumatic equipment)  
EC mark  
Weight

<b>JOPEVI</b> ® S.L.			
Elche Parque Industrial C/ Nicolas De Bussi, 32			
Tel.: 34-96 66510 08 - Fax: 34-96 665 10 03			
Modelo	<input type="text"/>	Nº	<input type="text"/>
Pot.Kw.	<input type="text"/>	Pres.Max.Bars.	<input type="text"/>
Año Fab.	<input type="text"/>	Peso	<input type="text"/>
CE			

**CHAPTER I****CHARACTERISTICS****1.1. MACHINE AND FUNCTION DESCRIPTION.**

AUTOMATIC MOTOR-DRIVEN MACHINE MODEL J-228 FOR FIXING SINGLE EYELETS.

(See figure 1)

The equipment comprises a metal bench with a wooden board upon which the machine is fitted.

The bench houses the pedal and the electronic equipment which controls the machine. The head of the machine consist of a central support and a rail. The majority of the machine's moving parts, such as: motor, axles, cams, bearings, etc., are located in this central support, whilst the eyelets drop via the rail.

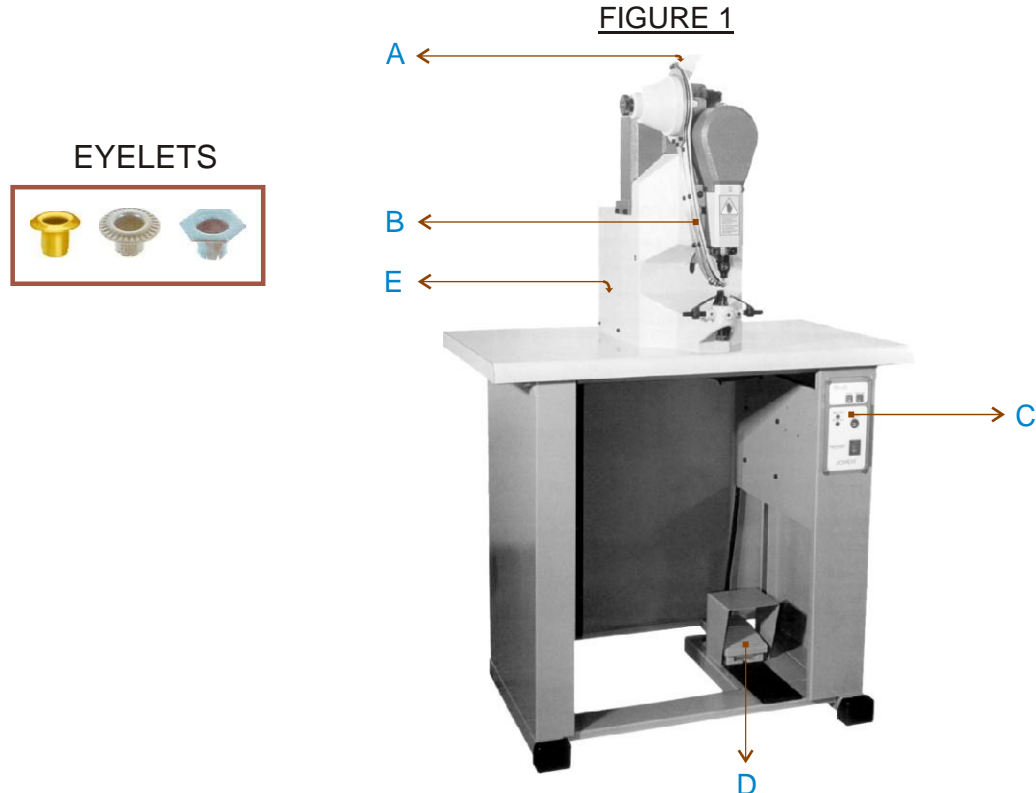
The model J-228 machine is designed for the automatic fixing of eyelets, or for hole-punching. These are the automatic functions of the machine.

The eyelets are placed in bin "A". The eyelets drop via rail "B", and are help by a small stop catch, which prevents them falling any further.

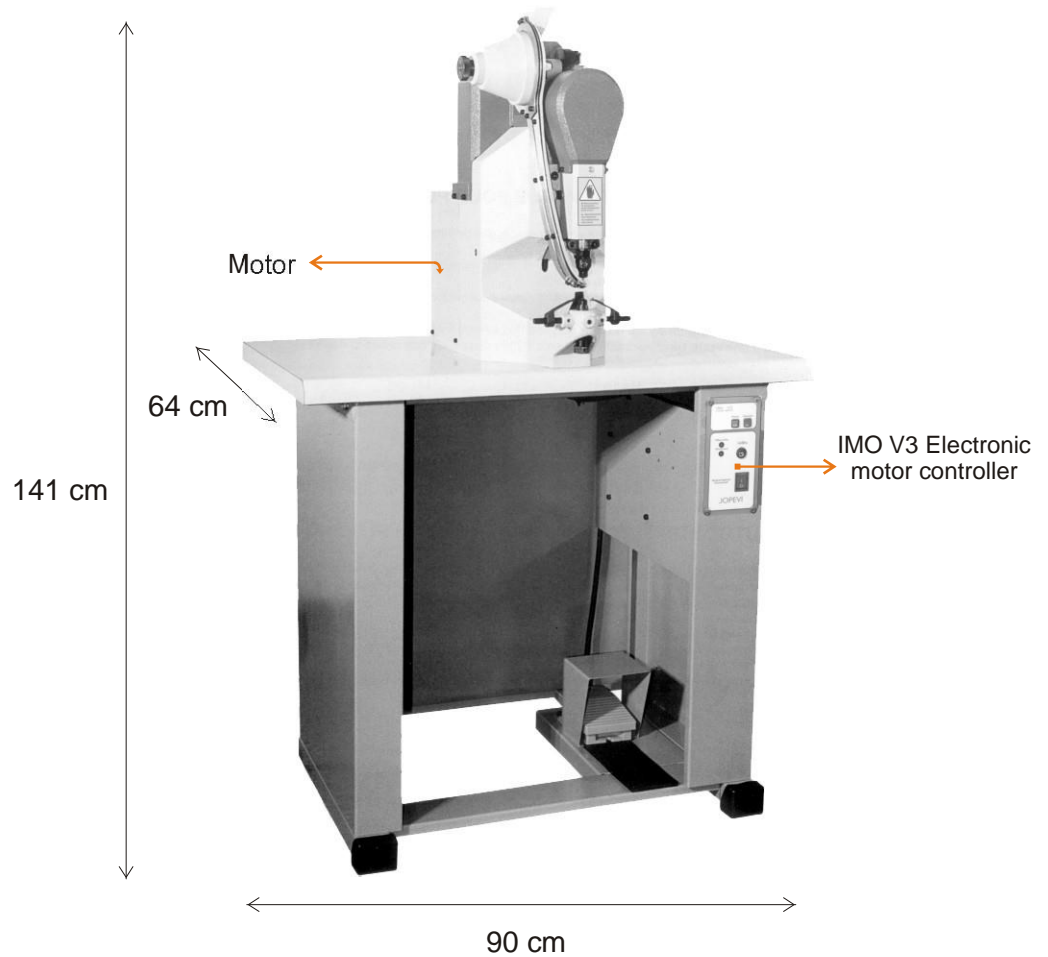
The machine is controlled by an electronic motor controller called the IMO V3 "C" which, when the pedal "D" is depressed, sets the machine motor "E", situated behind the head, in motion, thus turning the flywheel-pulley n°142A through 360°. This 360° turn moves a series of axles and cams in such a way that the punch n° 330 picks up, on its downward movement, the eyelet situated at the lower end of rail "B".

Whilst the punch n° 330 makes the hole in the material, the riveter nozzle n° 328 pushes the eyelet located in the punch n° 330 downwards and rivets it against the nozzle punch n° 329.

After this cycle, the machine returns to its initial state, in readiness for another 360° turn, as soon as pedal "D" is depressed.



## 1.2. TECHNICAL DATA.



### DIMENSIONS.-

DEPTH: 64 cm  
WIDTH: 90 cm  
HEIGHT: 141 cm  
WEIGHT: 116 kg

MAIN TRIPHASE MOTOR  
POWER SUPPLY:110V

CONTROL PANEL.- ELECTRONIC CONTROLLER IMO V3 - 0'75V

The machine must be connected to a 110V



## CHAPTER II

## INSTALLATION

### 2.1. MINIMUM SPACE; ELECTRICAL INSTALLATION, LOCATION.

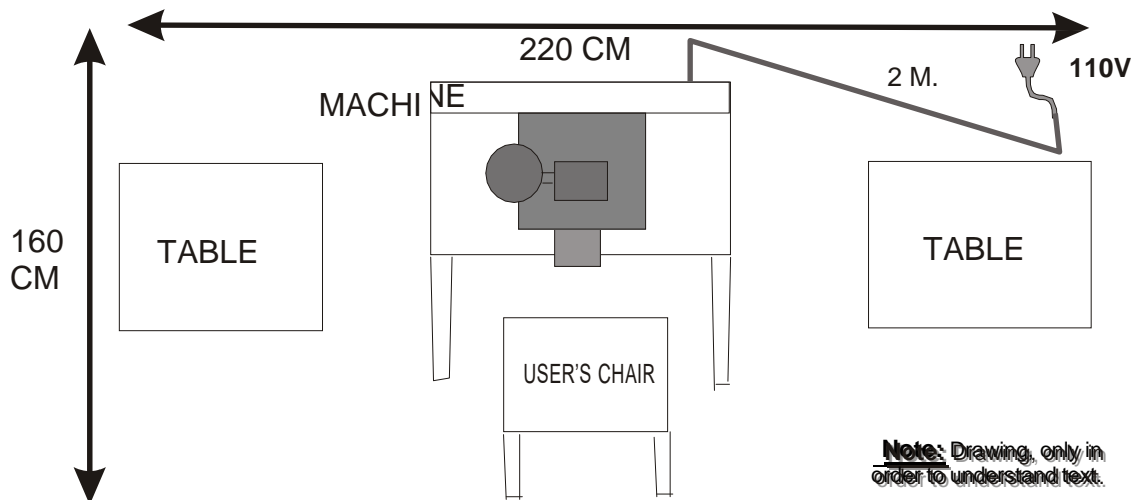
As indicated in the figure below, the user can work in a seated position. The minimum recommended space is 220 cm width by 160 cm depth, room to install the machine together with two boxes or tables for materials.

[This machine must be connected to a 110V power supply](#)

CONECTADO  
220 V.

The machine is supplied with an electric cable of approximately 2 metres in length.

FOR OPTIMUM MACHINE PERFORMANCE, WE RECOMMEND THAT THE ELECTRIC CABLE IS NEVER FULLY EXTENDED OR TENSE.



### 2.2. MACHINE SHIPMENT.

The shipment of the machine to its final destination requires a series of operations. Some of these operations may involve dangerous situations, for which reason we invite you to follow the following advice:

- Do not situate oneself below the load.
- Lift the load slowly.
- Avoid swinging the load.
- Avoid sudden movements.
- Avoid the path of movement of the load.
- Use lifting gear, including auxiliary gear, appropriate for the load.
- Inspect gear periodically.

The machine will carry packaging which is sufficient to avoid knocking or scraping any of its components. We advise that wooden packaging, in box or cage form, should always be used, always with adequate protection and the machine properly secured. The machines should always travel in the vertical position and never be overturned.

**REMEMBER**

**THE MACHINE MUST NOT BE OVERTURNED**

### **2.3. UNLOADING AND LEVELLING.**

The machine is to be unloaded using a crane, placing two ropes on either side of it; if the machine is supplied packed in a pallet type box or cage, it may be unloaded using a fork-lift or a crane.

When the machine is on the floor and fully unpacked, it will be transported on a dolly to its final location.

The machine is totally levelled in manufacture, and does not need to be fixed to the floor.

The feet incorporate rubber tips in order to avoid displacement, should there be any slight movement when in operation.

The floor where the machine is situated must be solid and firm.

### **2.4. LOCAL CONDITIONS.**

In order to create optimum working conditions, the machine should be situated beneath a light source of 300 lux minimum.

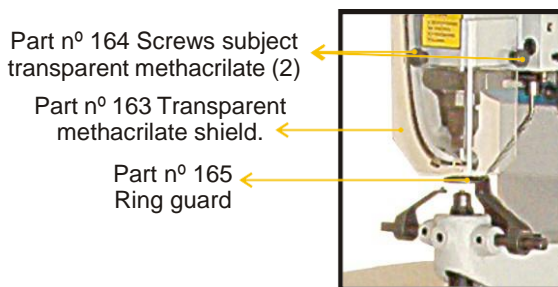
### **2.5. TRAINING INSTRUCTIONS.**

**[BEFORE PUTTING THE MACHINE INTO OPERATION, READ THESE WARNINGS CAREFULLY.](#)**

The following are a series of instructions and warnings which must be taken into account with respect to the model J-228 machine.

- Before connecting the machine to the power supply, it must be situated in its definitive location.
- Cleaning, manipulation and replacement of parts of the machine must always be carried out with the machine disconnected from the mains power supply.
- Do not remove from the machine any parts which protect the user from possible accidents, or adhesive labels or signs indicating electrical or hazardous components.
- The machine must be connected to a 220V power supply.

BEFORE PUTTING THE MACHINE INTO OPERATION,  
READ THESE WARNINGS CAREFULLY.



**HAZARD AREA**



The area considered to be most hazardous zone on the model J-228 machine is the “**hazard area**”.

This area must never be manipulated with the machine connected to the power supply, always disconnect.

This area is protected by a transparent methacrylate shield part n° 163 and a protection ring part n° 165 which prevent fingers being inserted in the hazard area.



The **IMO V3 controller** is the device which governs the whole operation of the model J-228 machine. On its front section we find the **control panel** with its switches and indicator lights.

The IMO V3 controller is housed within the bench, and held by four front-located allen screws.

It must never be opened or manipulated. In the case of a breakdown of the **IMO V3 controller**, the whole unit should be removed via the cover panel situated on the right hand side of the bench, disconnecting the electric cables from the rear, and subsequently replaced with a new IMO V3 unit.

The rear of the IMO V3 controller is marked with serial numbers for identification purposes.

**Control panel**



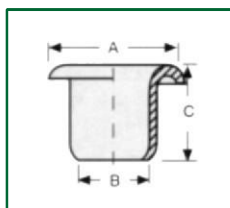
**IMO V3 Controller**



**CHAPTER III****MACHINE USE****3.1. MACHINE DESCRIPTION.**

The automatic, motor-driven model J-228 machine is designed for the fixing of eyelets, or the punching of holes in material, always one-by-one.

Each machine fixes a single eyelet model, or makes one type of hole. Eyelet models may differ in the size of the head "A", the length "C", the interior diameter of tube "B", thickness, etc.



EYELET

In order for the machine to fix different eyelet models, or to make different types of hole, certain parts need to be changed. SEE CHAPTER IV - ADJUSTMENTS.

JOPEVI, S.L. will accept no responsibility arising from the use of this machine in any way different from that which is described in this instruction manual.

**3.2. PREPARATION OF MACHINE FOR USE.****THESE ADJUSTMENTS MUST BE CARRIED OUT BEFORE  
CONNECTING THE MACHINE TO THE POWER SUPPLY.**

Before running the machine for the first time, whenever the machine is moved, or whenever any parts are replaced or adjusted, we recommend that the following operations be carried out.

Once the machine is situated and leveled in its final location, "**STILL WITHOUT CONNECTION TO THE POWER SUPPLY**", lubricate with type SAE 40 oil, at the lubrication points marked red. Allow time for the oil to penetrate parts, then clean any excess or dripping oil.

In order to verify that the machine is not jammed, and has not suffered any knocks or breakages, the following steps will be taken (see page 10, figure 3):

- 1- Remove the pulley cover n° 158 which covers the flywheel-pulley n° 142A by loosening the four holding screws,
- 2- Manually turn the flywheel-pulley n° 142A through a cycle of 360° in the direction of the arrow (clockwise),
- 3- Check that the machine is not jammed and turns unhindered,
- 4- Replace the pulley cover n° 158, and fix with the four allen screws.

The machine is equipped in the base with an electronic device "JV-1" and control panel described in figure 2, showing the following features:

- 1- MAIN SWITCH: Connect or disconnect all of the machine systems. When the selector is placed in position "1" the machine will be turned on.
- 2- ON: When the light turns on indicating that the machine is on.
- 3- GREEN POINTER OR SWITCH: Turns the lighted pointer on or off. Only in those machines equipped with this device (OPTIONAL) (Not operative with machine model J-228).
- 4- BLUE SWITCH OR FEEDER: Connect or disconnect the two 24V motors that make the grommets and washers rotate in the deposits (Not operative with machine model J-228).
- 5- WASHER DETECTOR : Not operative with machine model J-228.

FIGURE 2

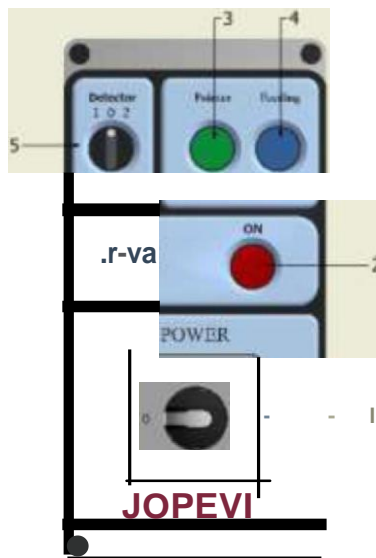


FIGURE 2.8

Pointer Control on Model J-228



The IMO V3 decive is responsible for the electrical workings of the machine.

**It must NOT be opened or manipulated except by an authorized technician, or with the consent of JOPEVI.**

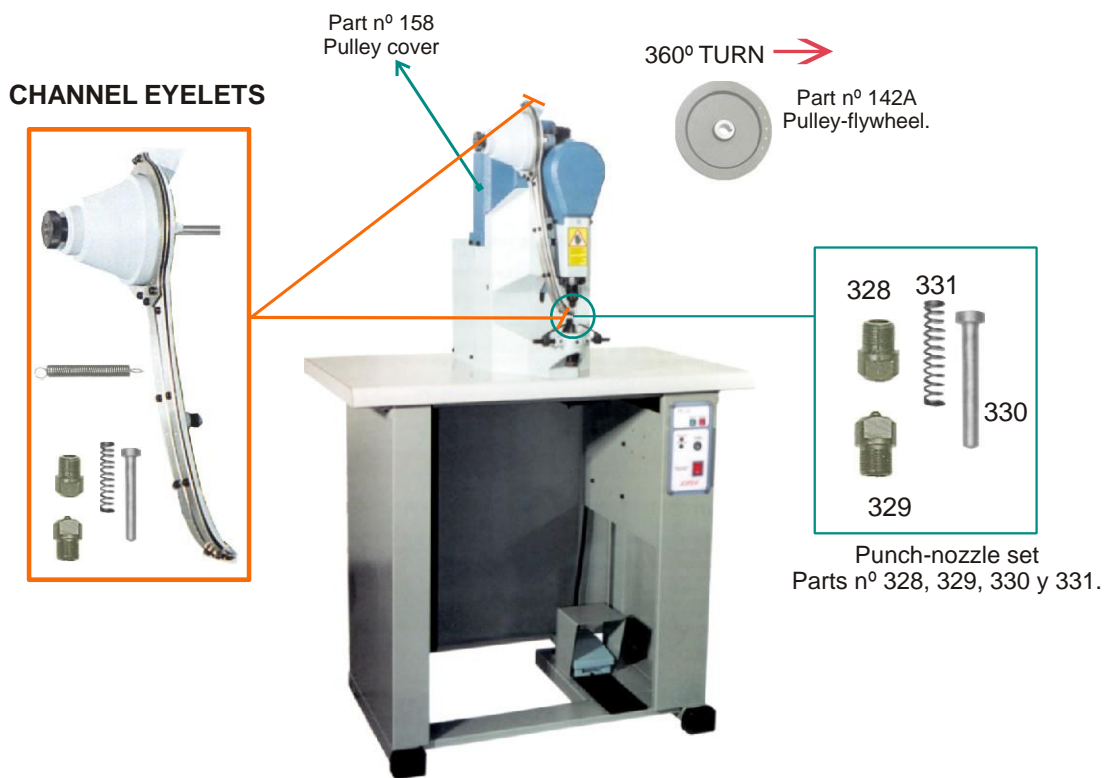
**3.3. OTHER USES OF THE MACHINE.**

If it is to be used only to punch holes in the material without fixing eyelets, the rail must be removed and the eyelet dies (parts n° 328, 329, 330 and 331) must be replaced with other parts specific to this task. See page 12. Chapter 4 -Adjustments - Point 4.3. Hole punching only.

THIS MACHINE MUST NOT BE USED FOR ANY FUNCTION OTHER THAN THAT FOR WHICH IT WAS ORIGINALLY DESIGNED AND WHICH IS SPECIFIED IN THIS INSTRUCTION MANUAL: THE AUTOMATIC FIXING OF EYELETS, OR HOLE PUNCHING.

**JOPEVI, S.L. DECLINES ALL RESPONSIBILITY ARISING FROM THE INCORRECT USE OF THIS MACHINE.**

**FIGURE 3**



**CHAPTER IV****ADJUSTMENTS**

**DISCONNECT FROM THE POWER SUPPLY BEFORE CHANGING THE EYELET MODEL, PUNCHING HOLES, ADJUSTING THE PRESSURE, INSTALLING OPTIONAL ACCESORIES, OR CARRYING OUT ANY OTHER TYPE OF MANIPULATION.**

In order for the machine to run correctly, it has to be adjusted for each material type, and the riveting parts (nozzles and punch) must be in good condition. The parts which must be regularly replaced during the normal use of the machine are the nozzle punch n° 329 and the punch eyelet n° 330. It becomes evident that these parts must be replaced when the machine does not cut, and/or the eyelets are not properly riveted. Moreover, when these parts are worn, the machine becomes over-stressed and may jam. We recommend that a supply of these replacement parts always be kept available.

If, in order to carry out any of these adjustments, any part designed for worker safety, such as the transparent methacrylate cover or the safety ring, has to be removed, be sure to subsequently replace and screw firmly in place.

**4.1. CHANGE OF EYELET MODEL.**

Each J-228 machine fixes one model of eyelet, although other eyelet dimensions may be fixed by replacing the corresponding parts. This replacement is quick and simple. In order to fix a different eyelet model a whole new rail-channel is needed (see page 10, figure 3) together with the appropriate size punch-nozzle set.

With the machine disconnected from the power supply

- Remove spring n° 134M which is help on the channel by screw M4,
- Remove the channel-fix bolt n°150 by loosening the allen screw which holds it in place,
- Remove the channel very carefully, holding the eyelet bin n° 122, which is now loose and is otherwise liable to fall,
- Fit the new channel and replace the channel-fix bolt n° 150, and tighten the allen screw to fix it in place,
- Replace spring n° 134M on screw M4,
- Unscrew the nozzle punch n° 329 and riveter nozzle n° 328, and the punch n° 330 and the spring n° 331 will come away with the latter,
- Fix parts n° 328, 329, 330 and 331 corresponding to the new rail-channel,
- Adjust pressure (Point 4.2. Pressure and riveting adjustments, nozzles replacement).

**4.2. PRESSURE AND RIVETING ADJUSTMENTS, NOZZLES REPLACEMENT.**

The model J-228 machine can fix eyelets in different types of material of different thicknesses.

In order to achieve a perfect riveting of the eyelets, the pressure exerted by the machine upon the eyelets may be adjusted.

Whenever the nozzles or channel is to be replaced, or the eyelets are to be fixed on a new material, the machine must be regulated in order for it to perform correctly.

The J-228 model has two vertical axes:

- The central axis n° 323 which regulates the cutting pressure (regulating the punch eyelet n° 330 which makes the hole in the material).
  - The nozzle axis n° 313 which regulates the eyelet riveting pressure (determining the tightness of the eyelet on thematerial).
-

With the machine disconnected from the power supply.

CUTTING PRESSURE:

- Remove the pulley cover n° 158, loosening the four holding screws,
- Manually turn the pulley n° 142A clockwise until the punch n° 330 is at its lowest point,
- Turn, in one or other direction, the nozzle-holder n° 315, loosening the allen screw which holds it, until the nozzle punch n° 329 brushes minimally against the punch n° 330. Fix the nozzle-holder n° 315 in place with the allen screw. The punch n° 330 should now make a hole in the material.

RIVETING PRESSURE:

- Unscrew the nut fix nozzle n°161 and turn the regulate nozzle n° 160 in one direction or other, until the distance between the nozzle punch n° 329 and the riveter nozzle n° 328 is the thickness of the material into which the eyelet is to be inserted. Turning to the right the riveting pressure is reduced, and turning to the left the pressure is increased,
- Manually turn flywheel-pulley n° 142A in order to verify that the regulation is correct,
- Fix part n° 160 with nut n° 161, and replace pulley cover n° 158, fixing it with the four screws.

### **4.3. HOLE PUNCHING ONLY.**

If hole punching only is required, a nozzle set specific to this task must be installed, and following adjustments made:

With the machine disconnected from the power supply,

- Move the eyelet rail to the left, and hold by placing a small bar between the rail and bearing n° 315, which will prevent the rail from moving. Alternatively, the rail can be removed. See Point 4.1. Change of eyelet model.
- Install new nozzle set specific for hole punching, and regulate machine pressure as explained in Points 4.1 and 4.2.

### **4.4. OPTIONAL ACCESSORIES.**

An optical laser pointer may be incorporated for specific functions of the machine, providing a point of red light which allows for greater precision in the fixing of eyelets and the punching of holes.

A switch for this device is built into the panel of the IMO V3 controller (see page 9, figure2, point 4).  
For connection, see instructions on page 22, Electrical Installation.

The power of this laser is very low, but nevertheless may be dangerous.

**NEVER SHINE IT DIRECTLY AT THE EYES, AS THIS MAY BE HARMFUL. KEEP OUT OF REACH OF CHILDREN.**

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**CHAPTER****MAINTENANCE****5.1. MECHANICAL PART OF THE MACHINE.**

For optimum performance, it is recommended that certain parts of the machine be kept clean and lubricated. Cleaning of the machine must always be carried out with machine disconnected.

The pedal which is depressed to action the machine must be clean and free from obstacles which may hinder or jam its normal movement.

The machine housing should be cleaned with a cloth which does not leave fibers stuck to the casing.

The rail via which the eyelets drop must “always” be kept clean and free from any imperfections which may impede the free movement of the eyelets.

The machine head has lubrication points and other points marked in red to indicate where it should be lubricated. This should be done with a hand-held oil can, using type “SAE 40” oil.

During the first month of use this should be carried out twice a week.  
After the first month, however, it will only be necessary to lubricate once a week.

When the machine is to be out of use for prolonged periods, it should be given an overall cleaning, lubricating the appropriate points, disconnecting from the power supply, and covering the machine to protect it from damp and dust.

**5.2. ELECTRIC PART OF THE MACHINE.**

The electric component of the machine, the “IMO V3 Controller”, is indicated by a yellow triangle with a lightning flash, as shown below in ELECTRICAL INSTALLATION (see page 22). This device needs no cleaning or maintenance, and should not be opened or manipulated without previous authorization from JOPEVI, S.L.

Part nº 149 proximity detector, should be cleaned using a dry cloth.

The main motor part nº 167 is completely sealed, and needs no cleaning or maintenance.

In an optional laser pointer nº 155 has been incorporated, it needs no cleaning or maintenance. It should be remembered not to shine it at the eyes.

Part nº 149 Proximity detector.



Part nº 155 Pointer láser (optional).



ELECTRICAL SECTION



**CHAPTER VI**

**BREAKDOWNS**

<b><u>SYMPTOM</u></b>	<b><u>CAUSE</u></b>	<b><u>SOLUTION</u></b>
<b>MACHINE DOES NOT RUN WHEN PEDAL IS DEPRESSED.</b>	Check that the machine is connected to a 110V power supply, and that the main switch (page 9, figure 2, point 1) is on and the red light is lit.	Connect.
	Main switch (page 9, , figure 2, point 1) is lit but the fuse (page 9, figure 2, point 6) is blown.	Replace with 6 Amp fuse.
	Main switch (page 9, figure 2, point 1) is lit and "On" and "Status" lights (page 9, figure 2, points 2-3) are flashing. Check that the proximity detector nº 149 is clean and close to screw nº 111 on flywheel-pulley nº 142A (approx 1'5 mm.).	Clean proximity detector nº 149 and move it towards screw nº 111 or flywheel-pulley nº 142A, but without making contact, or replace.  If malfunction continues, the IMO V: Electronic Controller has broken down. DO NOT OPEN. Call authorized distributor, or JOPEVI, S.L directly.
<b>DEFECTIVE RIVETING OF LOWER PART OF EYELET.</b>	Nozzle punch nº 329 is worn or broken.	Replace.
	Pressure adjustment incorrect.	See Chapter IV. Pages 11-12. Point 4.2 Pressure adjustments.
<b>NOT CUTTING OR LEAVING SCRAPS OF MATERIAL.</b>	Parts nº 328 and nº 330 are worn.	Replace.
	Adjustment of cutting pressure is incorrect.	See Chapter IV, Point 4.2. Pressure and riveting adjustments, or Point 4.3. Hole punching only.

<u>SYMPTOM</u>	<u>CAUSE</u>	<u>SOLUTION</u>
<b>JAMMED MACHINE.</b>	Parts nº 329 and 330 are worn.	Replace. See page 11 and page 12. Chapter IV. Adjustments. Points 4.1. Change of eyelet model, and 4.2. Pressure and riveting adjustments, nozzles replacement.
	Cutting or riveting pressure is too tight	Adjust pressure. See page 11 and page 12. Chapter IV. Point 4.2. Pressure and riveting adjustments, nozzles replacement.
<b>REPEATED MACHINE ACTION.</b>	Proximity detector nº 149 is soiled or faulty.	Clean and move towards detector screw nº 111, but with out making contact.  Replace if breakdown persists.
	Electronic controller IMO V3 has broken down.	<b>DO NOT OPEN.</b>  Call an authorized distributor or JOPEVI, S.L. directly.
<b>FAULTY PICK-UP OF EYELET FROM CHANNEL.</b>	Eyelet stop catch nº 130 and stop catch spring nº 132M are broken or worn.	Replace.

Difficulties may generally arise from the incorrect use of the machine by personnel not properly trained, who are liable to alter and upset essential mechanisms.

FOR ANY MATTER NOT COVERED IN THIS MANUAL, CALL THE NEAREST DISTRIBUTOR, OR CONTACT US DIRECTLY.

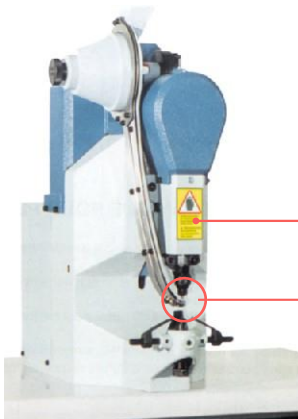


**CHAPTER VII****SAFETY**

As we have indicated throughout this manual, the model J-228 machine incorporates a series of features which prevent the worker from manipulating or gaining access to parts of the machine where he/she may be vulnerable to accidents. **DO NOT REMOVE THESE FEATURES.**

The most hazardous part of the machine is the riveting area “**C**”, where there the operator’s fingers or hands could be vulnerable to accidents.

In order to avoid such occurrences, a series of features have been installed:

**FIGURE 4****FIGURE 5****FIGURE 6****FIGURE 7**

In figure 4, at point “**C**”, we indicate the area which is considered to be the most dangerous for the operator. This area is protected by means of a transparent methacrylate shield (part nº 163) which facilitates vision, but prevents the insertion of fingers.

Also incorporated is the safety ring nº 165 as illustrated in figure 7, which restricts the insertion on fingers in the riveting area.

All these features are firmly held in place with screws which prevent their detachment.

All potentially hazardous areas are indicated by a symbol or specific instructions.

The sticker illustrated in figure 5 warns that the riveting area “**C**” is a potentially hazardous point, the manipulation of which requires the machine to be disconnected from the power supply; which figure 6 indicates the electronic sections of the machine.

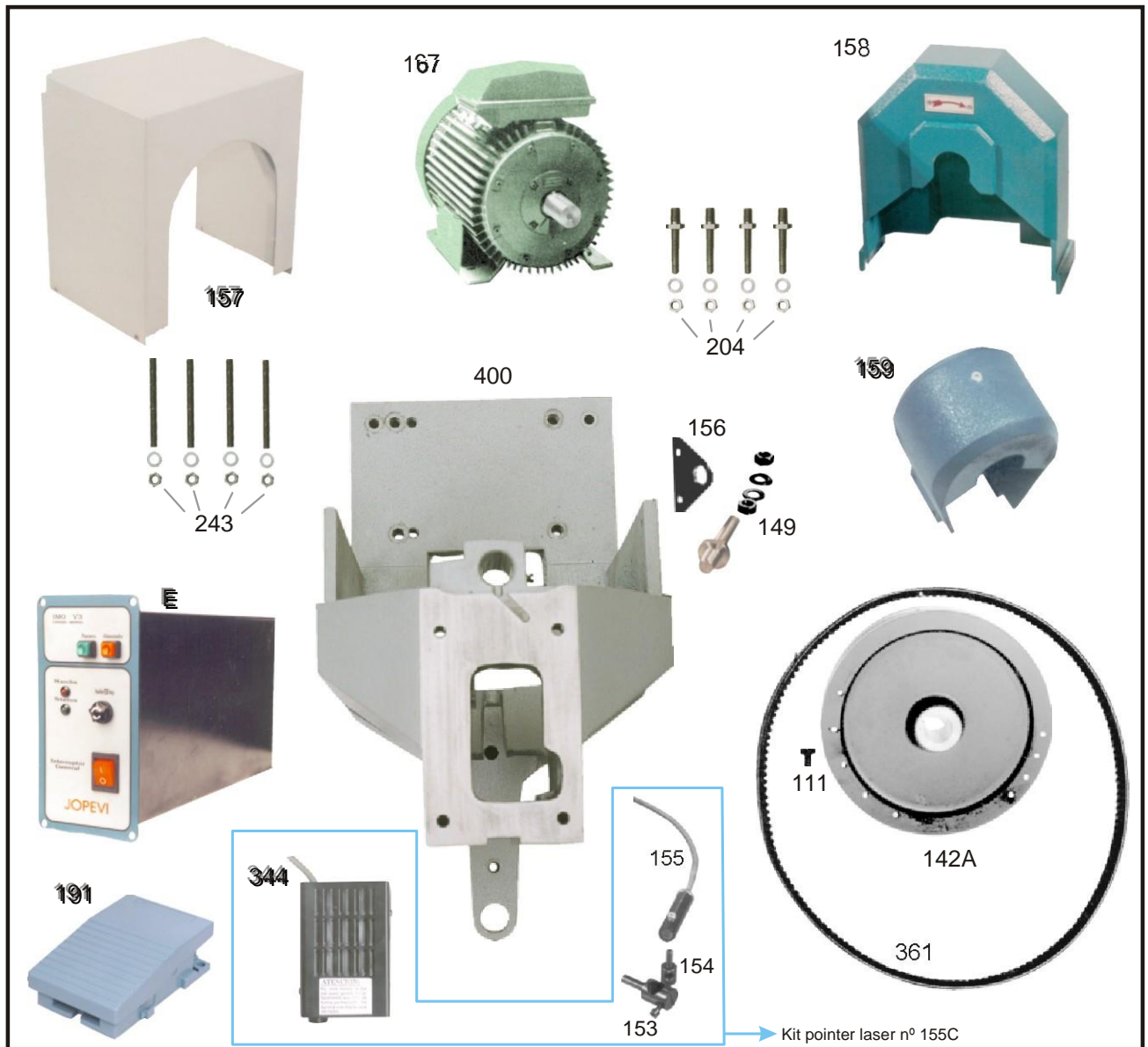
All mechanical and electrical sections of the machine are held closed with screws.

We reiterate that any manipulation of the machine requires the machine to be disconnected from the power supply.

For whatever problem which may occur and which may not be readily solved, remember to contact the authorized distributor of the machine, or contact the manufacturers directly.

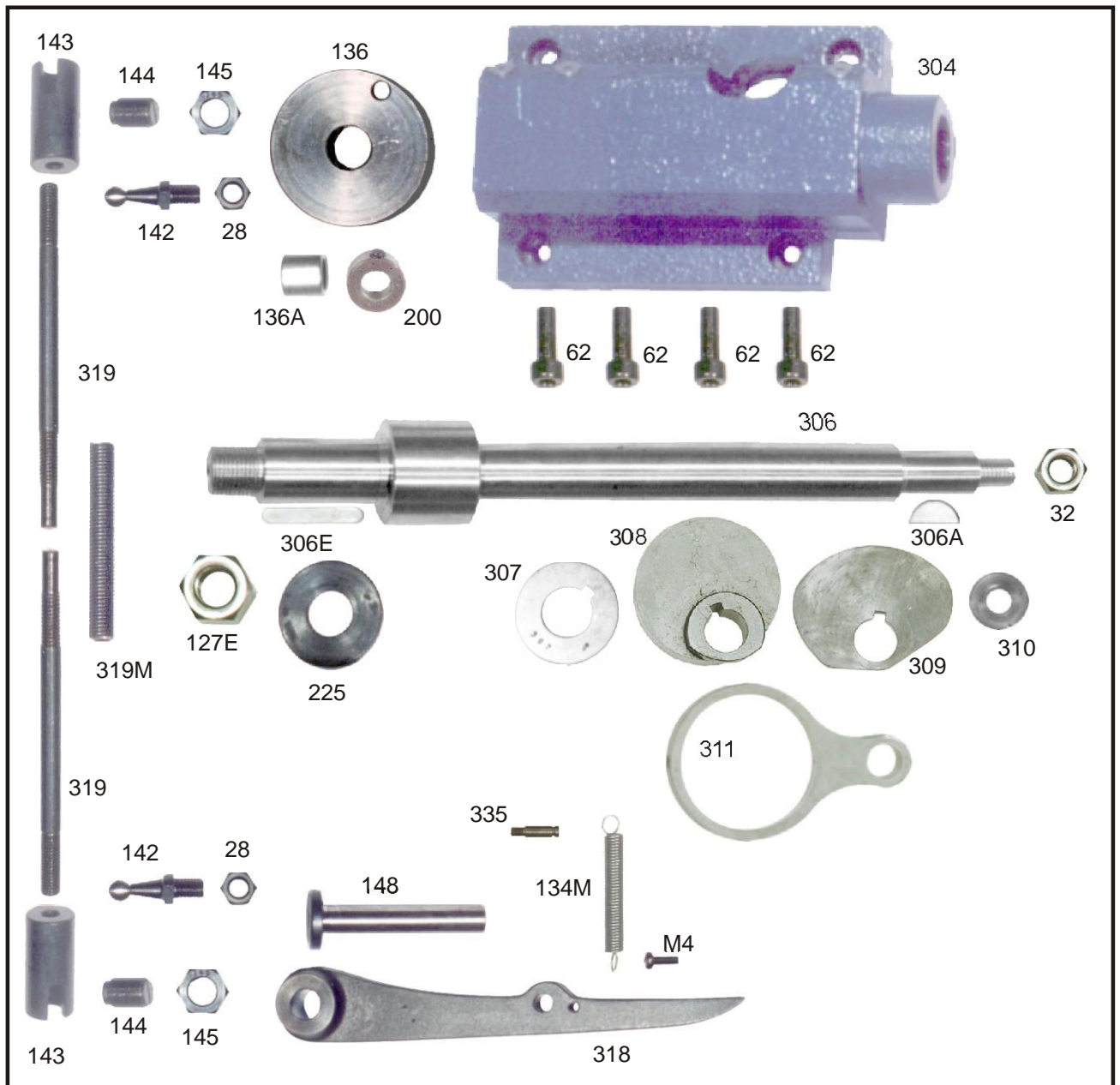
## ANNEXES

## PARTS



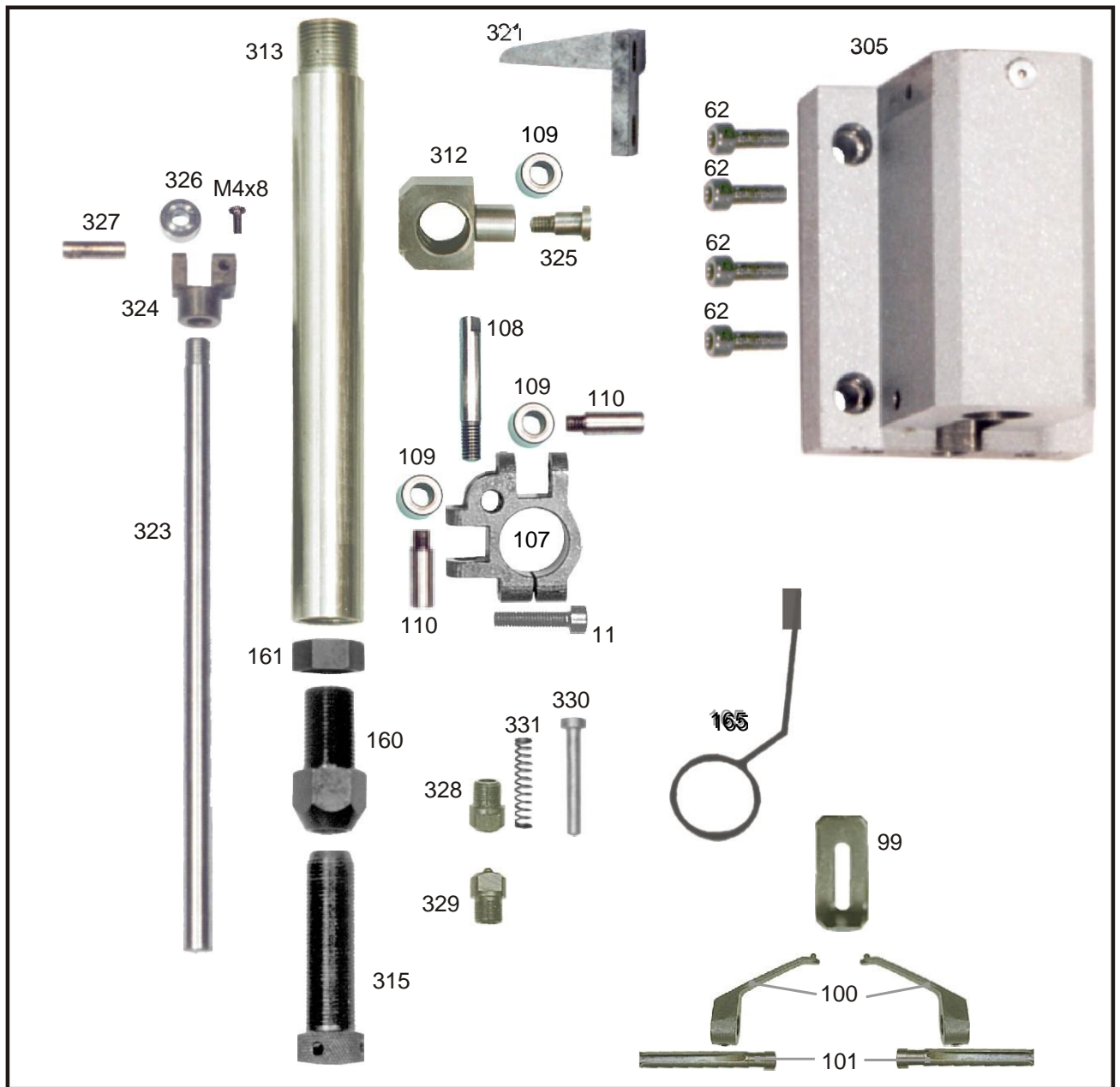
Part nº E IMO V3 Electronic system.  
 Part nº 111 Detector screw.  
 Part nº 142A Pulley-flywheel.  
 Part nº 149 Proximity detector.  
 Part nº 153-154 Laser support (optional).  
 Part nº 155 Pointer of láser (optional).  
 Part nº 155C Kit pointer laser (optional)  
 Part nº 156 Proximity detector support.  
 Part nº 157 Motor cover.  
 Part nº 158 Pulley cover.  
 Part nº 159 Hood.  
 Part nº 167 Main 0'75 HP motor.

Part nº 191 Electric pedal.  
 Part nº 204 Motor stud bolts (4).  
 Part nº 243 Head support screws (4).  
 Part nº 344 Transformer láser (optional)  
 Part nº 361 Belt.  
 Part nº 400 Body.



Part n° 28 Driving ball retain nut (2).  
 Part n° 32 Eccentric-cam retain nut.  
 Part n° 62 Bearing retain screw (8).  
 Part n° 127E Nut fix pulley-flywheel.  
 Part n° 134M Spring for hold channel.  
 Part n° 136 Rolling box.  
 Part n° 136A Needles bearing.  
 Part n° 142 Driving ball (2).  
 Part n° 143 Ball hole (2).  
 Part n° 144 Shank fix ball (2).  
 Part n° 145 Lock nut (2).  
 Part n° 148 Lever bolt.  
 Part n° 200 Canal fix ring.  
 Part n° 225 Pulley-flywheel washer.

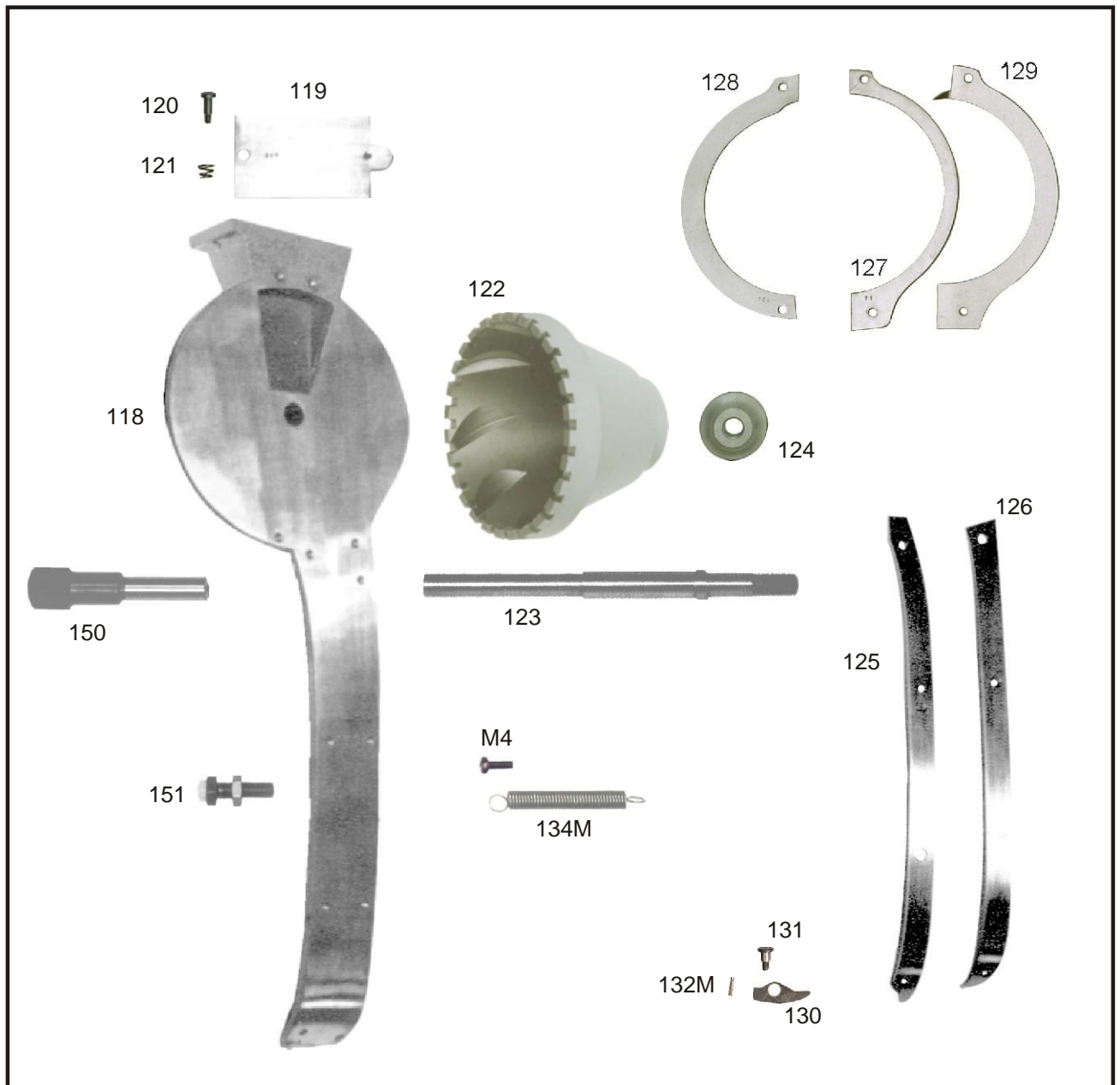
Part n° 304 Upper bearing.  
 Part n° 306 Upper axis.  
 Part n° 306A Eccentric axis pin.  
 Part n° 306E Pin.  
 Part n° 307 Washer stop eccentric.  
 Part n° 308 Eccentric nozzles axis.  
 Part n° 309 Eccentric central axis,  
 Part n° 310 Washer eccentric axis.  
 Part n° 311 Screw-rod nozzle axis.  
 Part n° 318 Driving lever.  
 Part n° 319 Driving tension part-stringer (2).  
 Part n° 319M Tension part-stringer spring.  
 Part n° 335 Attachment point spring n° 134M.  
 Part n° M4 Spring screw 4 x 10 (2).



Part n° 11 Screw fix part n° 107  
 Part n° 62 Bearing retain screw (8).  
 Part n° 99 Rear guide  
 Part n° 100 Lateral guide (2)  
 Part n° 101 Axle for part n° 100 (2)  
 Part n° 107 Roller clamp  
 Part n° 108 Shank axis guide  
 Part n° 109 Roller separate canal (3).  
 Part n° 110 Bolt for roller (2).  
 Part n° 160 Part regulate nozzle.  
 Part n° 161 Nut fix nozzle.  
 Part n° 165 Safety ring  
 Part n° 305 Nozzle axis bearing.

Part n° 312 Threaded clamp.  
 Part n° 313 Nozzle axis.  
 Part n° 315 Nozzle-holder.  
 Part n° 321 Support for nozzle axis.  
 Part n° 323 Central axis.  
 Part n° 324 Part for central axis.  
 Part n° 325 Screw for part n° 312.  
 Part n° 326 Roller for part n° 324.  
 Part n° 327 Pin for part n° 324.  
 Part n° 328 Riveter nozzle.  
 Part n° 329 Nozzle.  
 Part n° 330 Punch eyelet.  
 Part n° 331 Punch spring.  
 Part n° M4x8 Screw 4 x 8 for part n° 327

## CHANNEL EYELETS



Part nº 118 Canal support.  
 Part nº 119 Canal support cover.  
 Part nº 120 Cover screw.  
 Part nº 121 Cover spring.  
 Part nº 122 Eyelet bin.  
 Part nº 123 Canal axis.  
 Part nº 124 Canal tank nut.  
 Part nº 125 Short canal guide.  
 Part nº 126 Large canal guide.  
 Part nº 127 Narrow-curve canal guide.  
 Part nº 128 Wide canal guide.

Part nº 130 Eyelet stop catch.  
 Part nº 131 Catch screw.  
 Part nº 132M Stop catch spring.  
 Part nº 134M Canal-fix spring.  
 Part nº 150 Canal-fix bolt.  
 Part nº 151 Screw collide canal  
 Part nº M4 Spring screw 4 x 10 (2).

**JOPEVI**®

**MODEL J-228**

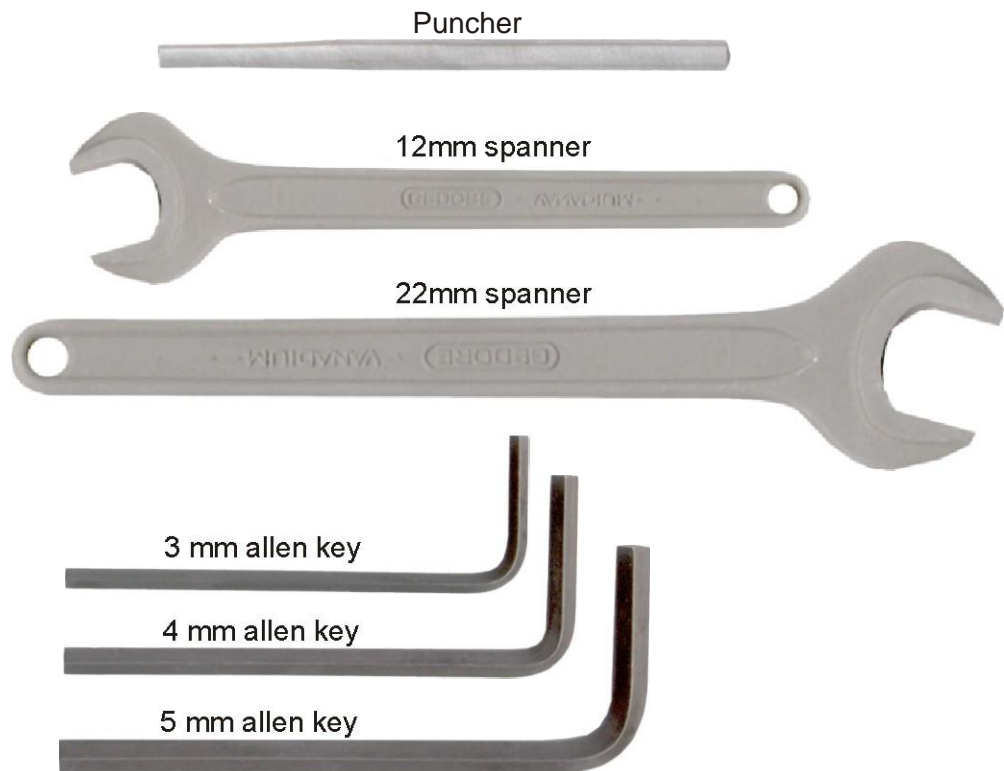
Part nº 129 Canal guide cover.

## TOOLS AND PARTS SUPPLIED

### TOOLS SUPPLIED.

The J-228 machine is supplied together with the following series of tools required for necessary maintenance and adjustments:

- Puncher
- 1 x 12 mm spanner
- 1 x 22 mm spanner
- 1 x 3 mm allen key
- 1 x 4 mm allen key
- 1 x 5 mm allen key

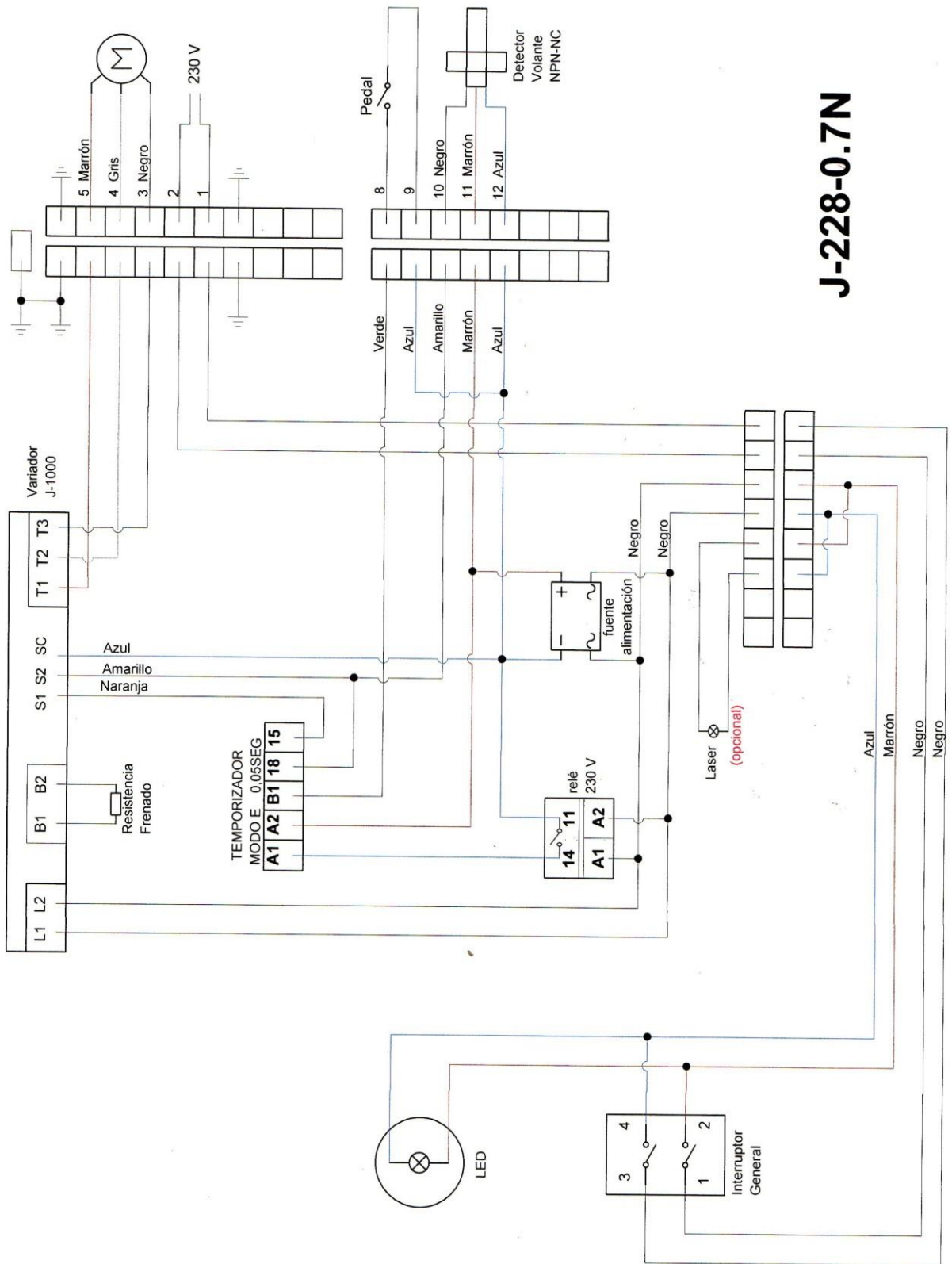


### PARTS SUPPLIED.

A nozzle n° 329 is included by way of an indispensable replacement. It is recommended that users always have a stock of at least one replacement, since in normal and continuous use of the machine, this part will need to be replaced periodically.

Part n° 329  
Nozzle





**J-228-0.7N**



**“EC” APPROVAL DECLARATION**

MR. LUCIO JAEN ANDREU, MANAGER OF THE COMPANY JOPEVI S.L. MANUFACTURERS OF MACHINERY FOR THE FOOTWEAR SECTOR, WITH REGISTERED OFFICE AT C/.NICOLAS DE BUSSI Nº 32, ELCHE PARQUE INDUSTRIAL, ELCHE (ALICANTE) ESPAÑA.

**DECLARES:**

- THAT WITH THE OBJECT OF THAT WHICH IS ESTABLISHED IN ARTICLE 8 OF THE COUNCIL DIRECTIVE OF 14 JUNE 1989 RELATING TO THE APPROXIMATION OF MEMBER STATES (89/392/CEE), THE MACHINE WITH THE FOLLOWING CHARACTERISTICS:

**MODEL: J-228****SERIAL NUMBER:**

- MEETS WITH THE ESSENTIAL HEALTH AND SAFETY REQUIREMENTS RELATING TO DESIGN, AS ESTABLISHED IN ANNEX I OF THE ABOVE MENTIONED DIRECTIVE.

- THAT THE MACHINE IS NOT INCLUDED AMONG THOSE LISTED IN ANNEX IV.

- THAT THE FOLLOWING UNIFIED NORMS HAVE BEEN RESPECTED IN FULL DURING DESIGN AND MANUFACTURE:

NORM UNE-EN 292-1  
NORM UNE-EN 292-2  
NORM UNE-EN 349  
NORM UNE-EN 60204-1  
PRENORM PREN953

AND FOR ALL OPPORTUNE RECORDS EMITS THIS DECLARATION OF APPROVAL IN ELCHE,  
ON \_\_\_\_\_ OF \_\_\_\_\_, 20\_\_\_\_.

**SIGNED:**