

# FEIDER

## MACHINES

ORIGINAL INSTRUCTIONS

AUTOFEED SCREW DRIVER

Model: FPVP520



Feider

32,rue AristideBergès-ZI31270Cugnaux-France

**CAUTION: READ INSTRUCTIONS BEFORE USING THIS TOOL.**



FIG. A

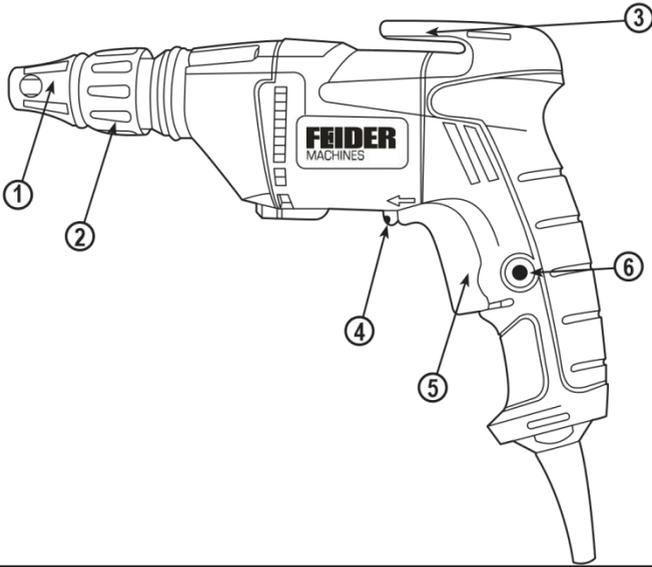


FIG. B

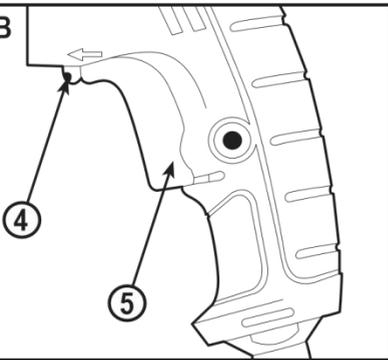


FIG. C

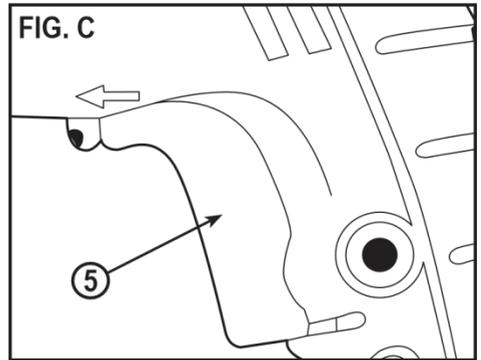


FIG. D

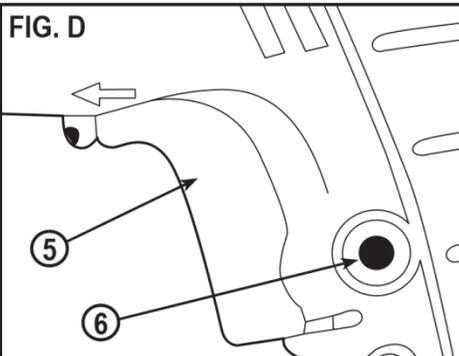
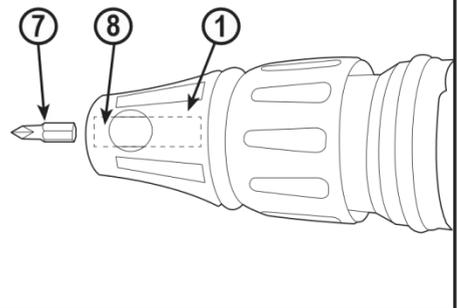
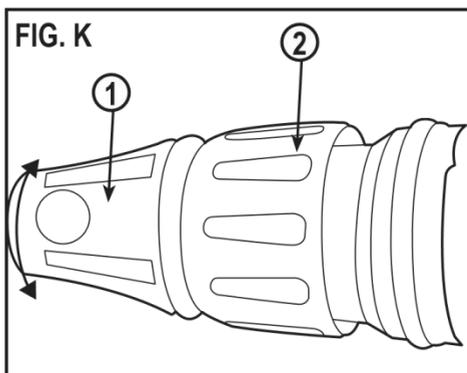
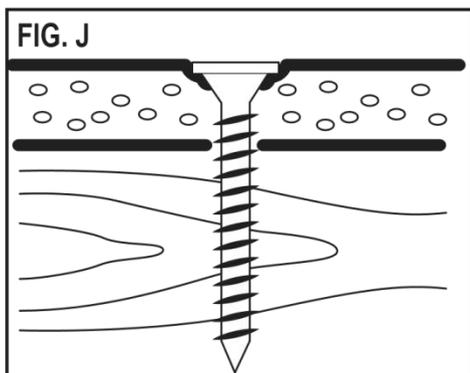
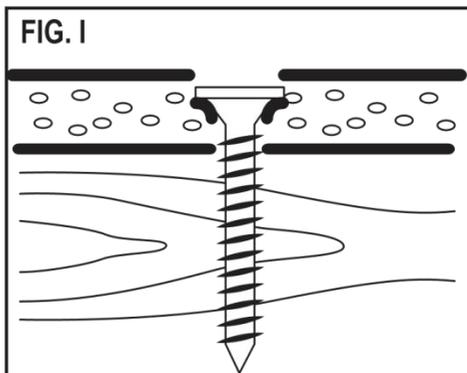
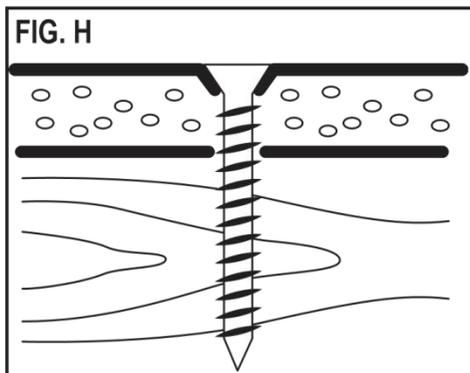
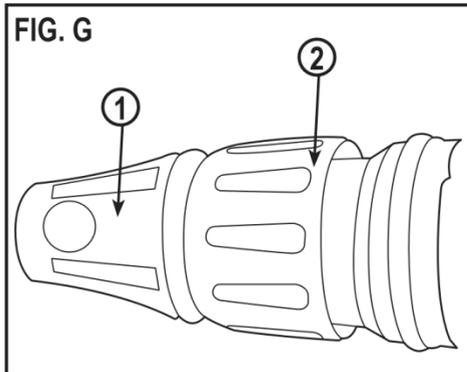
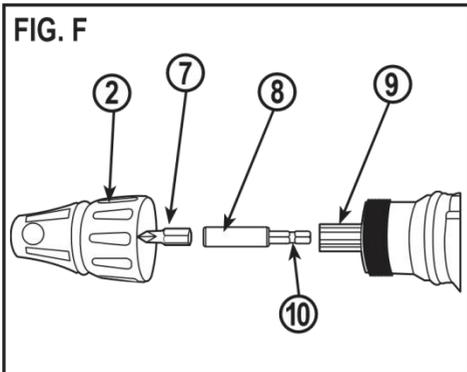


FIG. E





## **General power tool safety warnings**

**WARNING** Read all safety warnings, instructions, illustrations and specifications provided with this power tool. *Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.*

**Save all warnings and instructions for future reference.**

*The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.*

### **1. Work area safety**

- a) **Keep work area clean and well lit.** *Cluttered or dark areas invite accidents.*
- b) **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** *Power tools create sparks which may ignite the dust or fumes.*
- c) **Keep children and bystanders away while operating a power tool.** *Distractions can cause you to lose control.*

### **2. Electrical safety**

- a) **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.** *Unmodified plugs and matching outlets will reduce risk of electric shock.*
  - b) **Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.** *There is an increased risk of electric shock if your body is earthed or grounded.*
  - c) **Do not expose power tools to rain or wet conditions.** *Water entering a power tool will increase the risk of electric shock.*
  - d) **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** *Damaged or entangled cords increase the risk of electric shock.*
  - e) **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** *Use of a cord suitable for outdoor use reduces the risk of electric shock.*
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f) **If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** *Use of an RCD reduces the risk of electric shock.*

NOTE The term “residual current device (RCD)” can be replaced by the term “ground fault circuit interrupter (GFCI)” or “earth leakage circuit breaker (ELCB)”.

### **3. Personal safety**

a) **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** *A moment of inattention while operating power tools may result in serious personal injury.*

b) **Use personal protective equipment. Always wear eye protection.** *Protective equipment such as a dust mask, non-skid safety shoes, hard hat or hearing protection used for appropriate conditions will reduce personal injuries.*

c) **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** *Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.*

d) **Remove any adjusting key or wrench before turning the power tool on.** *A wrench or a key left attached to a rotating part of the power tool may result in personal injury.*

e) **Do not overreach. Keep proper footing and balance at all times.** *This enables better control of the power tool in unexpected situations.*

f) **Dress properly. Do not wear loose clothing or jewellery. Keep your hair and clothing away from moving parts.** *Loose clothes, jewellery or long hair can be caught in moving parts.*

g) **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** *Use of dust collection can reduce dust-related hazards.*

h) **Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** *A careless action can cause severe injury within a fraction of a second.*

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#### **4. Power tool use and care**

- a) **Do not force the power tool. Use the correct power tool for your application.** *The correct power tool will do the job better and safer at the rate for which it was designed.*
- b) **Do not use the power tool if the switch does not turn it on and off.** *Any power tool that cannot be controlled with the switch is dangerous and must be repaired.*
- c) **Disconnect the plug from the power source and/or remove the battery pack, if detachable, from the power tool before making any adjustments, changing accessories, or storing power tools.** *Such preventive safety measures reduce the risk of starting the power tool accidentally.*
- d) **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** *Power tools are dangerous in the hands of untrained users.*
- e) **Maintain power tools and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.** *Many accidents are caused by poorly maintained power tools.*
- f) **Keep cutting tools sharp and clean.** *Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.*
- g) **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** *Use of the power tool for operations different from those intended could result in a hazardous situation.*
- h) **Keep handles and grasping surfaces dry, clean and free from oil and grease.** *Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.*

#### **5. Service**

- a) **Have your power tool serviced by a qualified repair person using only identical replacement parts.** *This will ensure that the safety of the power tool is maintained.*
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Hold the power tool by insulated gripping surfaces, when performing an operation where the fastener may contact hidden wiring or its own cord. Fasteners contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.

### 6. Labels on tool

The label on your tool may include the following symbols:

	Read Instructions Manual	Hz ..... Hertz		Class II Construction
	Use Eye Protection	W ..... Watts		Earthing Terminal
	Use Ear Protection	min ..... minutes		Safety Alert Symbol
V ..... Volts		 ..... Alternating Current		Revolutions or Reciprocation per minute
A ..... Amperes		 ..... Direct Current	...../min..	
		$n_0$ ..... No-Load Speed		

### Position of date barcode

The Date Code, which also includes the year of manufacture, is printed into the housing.

Example:

2020 XX XXXXX

Year of manufacturing

### 7. Electrical safety

— Your tool is double insulated; therefore no earth wire is required. Always check that the main voltage corresponds to the voltage on the rating plate.

**Warning!** If the power cord is damaged, it must be replaced by the manufacturer, authorized FEIDER Service Center or an equally qualified person in order to avoid damage or injury. If the power cord is replaced by an equally qualified person, but not authorized by FEIDER the warranty will not be valid.

### Features (Fig. A)

1. Depth stop
  2. Depth adjuster
  3. Belt clip
  4. Forward/Reverse switch
  5. Variable speed trigger switch
  6. Lock-on button
-

## Specific Safety Rules

—— **Warning!** Know your drywall screwdriver. Do not plug the tool into the power source until you have read and understand this Instruction Manual.

Learn the tool's applications and limitations, as well as the specific potential hazards related to this tool.

- Following this rule will reduce the risk of electric shock, fire, or serious injury.
- Always wear eye protection. Any power tool can throw foreign objects into your eyes and cause permanent eye damage. ALWAYS wear safety goggles (not glasses) that comply with ANSI safety standard Z87.1. Everyday glasses have only impact resistant lenses. They ARE NOT safety glasses

—— **Warning!** Glasses or goggles not in compliance with ANSI Z87.1 could cause serious injury when they break.

- Never use the drywall screwdriver to drive screws other than drywall screws. The drywall screwdriver and the screwdriver bits are designed specifically for driving drywall screws.
- Only use screwdriver bits that are designed for use with this tool.
- Always keep hands out of the path of the drywall screw. Avoid awkward hand positions where a sudden slip could cause your hand to move into the path of the saw blade.
- Make sure there are no nails or foreign objects in the part of the workpiece to be cut or sanded.
- To avoid injury from accidental starting, always remove the plug from the power source before installing or removing a screwdriver bit or when adjusting the depth control.
- Always check the wall area where screws will be driven to be sure there are no hidden electrical wires in the area.
- Never leave the Lock-on button ON. Before plugging the tool into the power source, make sure the lock-on button is OFF.

## General Safety Warnings

—— **Warning!** Wear a dust mask that is designed to be used when operating a power tool in a dusty environment.

**Warning!** Dust that is created by power sanding, sawing, grinding, drilling, and other construction activities may contain chemicals that are known to cause cancer, birth defects, or other genetic abnormalities. These chemicals include:

- Lead from lead-based paints
  - Crystalline silica from bricks, cement, and other masonry products
  - Arsenic and chromium from chemically treated lumber
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The level of risk from exposure to these chemicals varies, according to how often this type of work is performed. In order to reduce exposure to these chemicals, work in a well-ventilated area, and use approved safety equipment, such as a dust mask that is specifically designed to filter out microscopic particles.

### Safety Extension Cord

**Warning!** Keep the extension cord clear of the working area. Position the cord so it will not get caught on the workplace, tools or any other obstructions while you are working with the power tool.

Make sure any extension cord used with this tool is in good condition. When using an extension cord, be sure to use one of heavy enough gauge to carry the current the tool will draw. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating.

Be sure your extension cord is properly wired and in good condition. Always replace a damaged extension cord or have it repaired by a qualified electrician before using it. Protect your extension cord from sharp objects, excessive heat and damp or wet areas.

Use a separate electrical circuit for your power tools. This circuit must not be less than 14 gauge wire and should be protected with either a 15 A time delayed fuse or circuit breaker. Before connecting the power tool to the power source, make sure the switch is in the OFF position and the power source is the same as indicated on the nameplate. Running at lower voltage will damage the motor.

### Contents

Carefully unpack the drywall screwdriver. Compare the contents against the “Drywall screwdriver components” chart below.

### Assembly and Operating



**Warning!** To avoid fire or toxic reaction, never use gasoline, naphtha, acetone, lacquer thinner or similar highly volatile solvents to clean the tool.

#### Forward/Reverse switch (Fig. B)

The forward/reverse switch (4) is conveniently mounted in front of the variable speed trigger switch (5). To make the screwdriver rotate clockwise for driving screws, push the forward/reverse switch (4) to the left. To make the screwdriver rotate counter-clockwise to remove screws, push the forward/reverse switch (4) to the right.

#### Notes:

- a. Never change the position of the forward/reverse switch (4) while the screwdriver bit is turning.
- b. The variable speed trigger switch (5) will NOT function with the forward/reverse switch (4) in the middle position.

#### Variable speed trigger switch (Fig. C)

This screwdriver is equipped with a variable speed On/Off trigger switch.

1. To start screwdriver, gently squeeze the variable speed trigger switch (5).
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**Note:** The screwdriver will turn at its slowest speed when the variable speed trigger switch is depressed slightly. The screwdriver will turn at its fastest speed when the variable speed trigger switch is fully depressed.

2. To stop the screwdriver, release the variable speed trigger switch (5).

### **Lock-on button (Fig. D)**

The lock-on button feature allows the trigger switch to be locked in the ON position at full speed when continuous operation for extended periods of time is required.

To lock the lock-on button in the ON position, pull back on the variable speed trigger switch (5) to start the screwdriver and push the lock-on button (6) into the screwdriver handle. Release the variable speed trigger switch while holding the lock-on button into the screwdriver handle. The screwdriver will continue to run. To release the lock-on button, pull variable speed trigger switch back (5) and then release the trigger.

**Note:** Operating the screwdriver with the variable speed trigger switch for an extended period of time may cause the screwdriver motor to overheat. If the screwdriver gets hot, stop driving screws and allow it to cool for at least 15 minutes.

### **Inserting a screwdriver bit (Fig. E)**

This tool has a magnetic bit holder that provides convenient bit changes. To install a bit, simply insert the hex bit shank (7) into the magnetic bit holder (8) that is located inside the depth stop (1). Push the bit into the magnetic bit holder until the magnet holds the bit in place.

#### **Notes:**

- a. Use only 1" (25 mm) long bits that are designed for use in driving drywall screws.
- b. Make sure the bit size is correct for the drywall screws being driven. This will usually be a #2 size.

### **Replacing the magnetic bit holder (Fig. F)**

If the magnetic bit holder becomes worn or damaged, it must be replaced. The replacement bit holder must be of the same dimensions as the original and have the ANSI retention groove on the end that is inserted into the tool.

1. Remove the nosepiece (2) by turning it counter clockwise.

**Note:** Do not use pliers on the nosepiece. Only use your hand.

2. Grasp the screwdriver bit (7) with pliers and pull it out of the magnetic bit holder (8).
3. Grasp the large end of the bit holder with pliers and pull it straight out of the screwdriver spindle (9).
4. Reverse the process by inserting the replacement magnetic bit holder into the tool.

**Note:** When inserting the replacement for magnetic bit holder, gently tap it into place to make sure it is fully inserted. Grasp the large end of the magnetic bit holder to ensure the retention groove (10) is holding the magnetic bit holder in place in the tool.

5. Reinstall the screwdriver bit and nose piece.
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## Safety Recommendations

Check the following every time you use the screwdriver:

1. Wear safety glasses or a mask.
2. Use hearing protection.
3. The screwdriver tip is the right size and it is in good condition.
4. No power cables "live" where you are inserting the screws.

**Note:** Failure to follow these safety rules will significantly increase the risk of injury.

### Adjusting the screwdrive bit depth (Fig. G)

It is important to control the depth to which the drywall screw will be driven. Over driving the screw will drive the screw too deep and break the outer paper layer of the drywall. Under driving the screw will leave the screw head above the drywall surface making it impossible to properly finish the drywall.

The depth control system is made up of the depth stop (1) and the depth adjuster (2).



**Warning!** The following adjustments should always be verified using a scrap piece of drywall to avoid damaging the "good" drywall sections.

1. Rotate the depth adjuster counter clockwise until approximately 1/4" of the screwdriver bit extends beyond the depth stop.
2. Place a drywall screw onto the screwdriver bit. The magnetized bit will hold the screw onto the bit.

**Note:** Before driving the screw, press the screw point into the drywall and make sure the screw is perpendicular to the drywall.

3. Press the screw against the drywall with steady even pressure and squeeze the trigger switch. The clutch in the tool will engage and the screw will be driven to the preset depth.
4. If the screw is not driven deep enough, the head of the screw will not be recessed into the drywall (Fig. H). In this case, turn the depth adjustment sleeve clockwise until the correct depth has been achieved. If the screw is driven too deep, it will be recessed too far into the drywall and the outer paper of the drywall will be fractured (Fig. I). In this case, turn the depth adjustment sleeve counter clockwise until the correct depth has been achieved. Fig. J illustrates the correct depth for the screw to be driven.

**Note:** For each revolution the depth adjustment sleeve is rotated, the depth will increase/decrease approximately 1/16" (1.6 mm).

## Tips for driving drywall screws

ff Always drive the screws perpendicular to the drywall so the heads are properly countersunk. They should never be driven at an angle.

- Support the tool with both hands wherever possible. This will provide better control over the tool help eliminate screws being driven at an angle.
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- Place the drywall screw on the screwdriver bit. The magnetic bit holder will hold any steel screw for easy starting.
- Press the screw against the drywall with steady even pressure and squeeze the variable speed trigger switch. The clutch in the tool will engage and the screw will be driven to the preset depth. Once fully driven, the clutch will make a chattering sound until the variable speed trigger is released.
- When the screw is properly driven, the screw head will be slightly countersunk into the drywall without breaking the outer drywall paper. At this point, the clutch will release to prevent over driving the screw. This will result in minimum work to fill the holes and taping the seams.
- The belt clip allows you to conveniently attached the screwdriver to your belt. This will allow you to use both hands for positioning the drywall.

### Removing drywall screws (Fig. K)

To remove drywall screws, remove the depth stop (1) to expose the screwdriver bit.

#### Notes:

- a. The depth stop is a press fit onto the depth adjuster (2). Simply twist and pull outward to slide it off the depth adjuster.
- b. You can also turn the depth adjuster clockwise to expose the screwdriver bit. This however will cause you to lose the depth setting and you will have to re-set the depth.

### Maintenance

Keep guards, air vents and the motor housing as clear as possible of dust and dirt. Wipe with a clean cloth and blow through with a low-pressure air supply. Excessive build-up of metal dust can cause tracking of electrical current from the internal parts to exposed metal parts. Do not overload your angle grinder. Overloading causes a reduction in speed and efficiency, causing your angle grinder to become too hot. If this happens, operate your angle grinder under no load for one or two minutes until it has cooled to normal operating temperature. Switching your angle grinder off under load will reduce the life of the switch.

**Warning!** When servicing, use only identical replacement parts. The use of any other part may create a hazard or cause product damage.

- **DO NOT** use solvents when cleaning plastic parts. Plastics are susceptible to damage from various types of commercial solvents and may be damaged by their use. Use a clean cloth to remove dirt, dust, oil, grease etc.



**Warning!** Do not allow brake fluids, gasoline, petroleum-based products, penetrating oils, etc. to come into contact with plastic parts. They contain chemicals that can damage, weaken or destroy plastic.

- Remove accumulated dust and debris regularly using a SOFT and DRY brush.



**Warning!** Use safety goggles when using an air jet to blow dust out of the tool. Keep air vents clean and unobstructed to allow maximum airflow through the tool.

- **DO NOT** abuse power tools. Abusive practices can damage the tool and the workpiece.

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**Warning! DO NOT** attempt to modify tools or create accessories. Any such alteration or modification is misuse and could result in a hazardous condition leading to possible serious

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injury. It will also void the warranty.

### Lubrication

All of the bearings in this tool are lubricated with a sufficient amount of high-grade lubricant for the life of the unit under normal conditions. Therefore, no further lubrication is required.

### Cleaning

Use only mild soap and a slightly damp cloth to clean your angle grinder. Many household cleaners contain chemicals which could seriously damage the plastic. Also, do not use petrol, turpentine, lacquer or paint thinners or similar products. Never let any liquid get inside the tool and never immerse any part of the tool into liquid.



**Important!** To assure product FEIDER and RELIABILITY, repairs, maintenance and adjustment (other than those listed in this manual) should be performed by authorized service centers or other qualified service personnel, always using identical replacement parts.

### Protecting the environment

— Separate collection. This product must not be disposed of with normal household waste.

Should you find one day that your )(,'(5 product needs replacement, or if it is of no further use to you, do not dispose of it with household waste. Make this product available for separate collection.

— Separate collection of used products and packaging allows materials to be recycled and used again.

Re-use of recycled materials helps prevent environmental pollution and reduces the demand for raw materials.

Local regulations may provide for separate collection of electrical products from the household, at municipal waste sites or by the retailer when you purchase a new product. provides a facility for the collection and recycling of FEIDER products once they have reached the end of their working life. To take advantage of this service please return your product to any authorised repair agent who will collect them on our behalf.

You can check the location of your nearest authorised repair agent by contacting your local FEIDER office at the address indicated in this manual. Alternatively, a list of authorised FEIDER repair agents and full details of our

after-sales service and contacts are available on the Internet at: [www.swap-europe.com](http://www.swap-europe.com)

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## Specifications

Model	FPVP520
Power	520W
Voltage	230V
Frequency	50Hz
No-load speed	0-4500/min
Weight	1.45kg
Sound power level: 92 dB(A); K=3 dB(A)	
Sound pressure level: 81 dB(A); K=3 dB(A)	
Vibration value: 9,1 m/s <sup>2</sup> K= 1,5 m/s <sup>2</sup>	

The following information:

–the declared vibration total value(s) and the declared noise emission value(s) have been measured in accordance with a standard test method and may be used for comparing one tool with another;

– the declared vibration total value(s) and the declared noise emission value(s) may also be used in a preliminary assessment of exposure.

warning:

–the vibration and noise emissions during actual use of the power tool can differ from the declared values depending on the ways in which the tool is used especially what kind of workpiece is processed;

– need to identify safety measures to protect the operator that are based on an estimation of exposure in the actual conditions of use (taking account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle in addition to the trigger time).

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## **WARRANTY**

We guarantee this product for 2 full years.

The warranty period for this item starts on the day of purchase. You can prove the date of purchase by sending us the original receipt.

We insure over the entire warranty period:

- Free repair of possible malfunctions.
- Free replacement of damaged parts.
- Including the free service of our specialized personnel (i.e. free assembly by our technicians)

Provided that the damage is not due to improper use of the device.

To help you with your product, we invite you to use this link or call us on +33 (0)9 70 75 30 30:

<https://services.swap-europe.com/contact>

You must create a "ticket" via their platform:

- Register or create your account
- Indicate the reference of the tool
- Choose the subject of your request
- Explain your problem
- Attach these files: Invoice or receipt, identification plate photo (serial number), photo of the part you need (eg broken transformer plug pins)





Declaration  of conformity

FEIDER FRANCE

32, rue Aristide Bergès -Z1 31270 Cugnaux - France

Tel: +33 (0) 5.34.508.508 Fax: +33 (0) 5.34.508.509

Declare that the machine designated below:

AUTOFEED SCREW DRIVER

Model: FPVP520

Serial number: 20200815905-20200816204

Conforms to the provisions of the Machinery Directive 2006/42 / EC and the national regulations transposing it;

Also complies with the provisions of the following European directives:

To the EMC Directive 2014/30 / EU

RoHs Directive (EU)2015/863 amending 2011/65/EU

Also complies with European standards, national standards and the following technical provisions:

EN 62841-1: 2015

EN 62841-2-2: 2014

EN 55014-1: 2017

EN 55014-2: 2015

EN 61000-3-2: 2014

EN 61000-3-3: 2013

Done at Cugnaux on 19/06/2020

A handwritten signature in black ink, appearing to read "Philippe MARIE".

Philippe MARIE / CEO

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