

**DRAPER**

**EN**

Original Instructions  
Version 2  
February 2026

230V

# **PADDLE MIXER**

**56414**



**UK  
CA** **CE**

# 1. Preface

These are the original product instructions. Read the instruction manual in full and retain for future reference.

Please visit [drapertools.com/manuals](http://drapertools.com/manuals) for the latest version of this manual and the associated parts list, if applicable.

## 1.1 Product Reference

**User Manual for:** 230V Paddle Mixer

**Stock No:** 56414

**Part No:** PM1200SF

## 1.2 Revisions

**Version 1:** February 2021

First release

**Version 2:** February 2026

## 1.3 Understanding the Safety Content of This Manual



**WARNING!** – Situations or actions that may result in personal injury or death.



**CAUTION!** – Situations or actions that may result in damage to the product or surroundings.

**Important:** – Information or instructions of particular importance.

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# 3. Product Introduction

## 3.1 Intended Use

This product is designed to mix and stir plaster, mortar, floor screed and other medium viscosity materials in batches up to 80L.

This product is intended for domestic and infrequent light-duty trade use.


Any other application beyond the conditions established for use will be considered misuse. Draper Tools accepts no responsibility for improper use of this product.

Read this manual in full before attempting to assemble, operate or maintain the product, and retain it for later use.

## 3.2 Specification

Stock No.	56414
Part No.	PM1200SF
Rated Voltage:	230V/50Hz
Wattage:	1200W
Speed (no load):	680rpm
Spindle thread:	M14
Paddle diameter:	120mm
Construction:	Class II
Max mixing capacity:	80L
Net weight:	4.3kg
Cord length (approx.):	1.8M
Noise emissions:	
Sound pressure level:	84db (A)
Sound power level:	95dB (A)
Vibrations:	3.87m/s <sup>2</sup>
Uncertainty:	1.5m/s <sup>2</sup>

**Important:** The declared vibration total values and noise emissions values have been measured in accordance with a standard test method and may be used for comparing one tool with another. These values may also be used in a preliminary assessment of exposure.

 **WARNING!** The vibration and noise emissions during actual use of the product can differ from the declared values depending on the type of work and the area upon which it is used. Before each use, estimate the likely exposure resulting from the actual conditions of use. Take into account all parts of the operation cycle in order to identify any safety measures required to protect the operator.

# 4. Health and Safety Information

## 4.1 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.

### Work Area Safety

- **Keep work area clean and well lit.**
  - Cluttered or dark areas invite accidents.
- **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.
- **Keep children and bystanders away while operating a power tool.**
  - Distractions can cause you to lose control.

### Electrical Safety

- **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.
- **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.
- **DO NOT expose power tools to rain or wet conditions.**
  - Water entering a power tool will increase the risk of electric shock.
- **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.
- **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.

- **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.

### Personal Safety

- **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.
- **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.
- **Prevent unintentional starting. Ensure the switch is in the 'OFF' position before connecting to power source, 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.
- **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.
- **DO NOT overreach. Keep proper footing and balance at all times.**
  - This enables better control of the power tool in unexpected situations.
- **Dress properly. DO NOT wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts.**
  - Loose clothes, jewellery or long hair can be caught in moving parts.
- **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.
- **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.

### Power Tool Use and Care

- **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.
- **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.
- **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.
- **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.
- **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.
- **Keep cutting tools sharp and clean.**
  - Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- **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.
- **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.

## Service

- **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.

## 4.2 Additional Mixer Safety Instructions

- **Hold the tool with both hands at the intended handles.**
  - Loss of control can cause personal injury.
- **Ensure sufficient ventilation when mixing flammable materials to avoid a hazardous atmosphere.**
  - Developing vapour may be inhaled or be ignited by the sparks the power tool produces.
- **DO NOT mix food.**
  - Power tools and their accessories are not designed for processing food.
- **Keep the cord away from the working area.**
  - The cord may be entangled by the mixer paddle.
- **Ensure that the mixing container is placed in a firm and secure position.**
  - A container that is not properly secured may move unexpectedly.
- **Ensure that no liquid splashes against the housing of the power tool.**
  - Liquid that has penetrated the power tool can cause damage and lead to electric shock.
- **Follow the instructions and warnings for the material to be mixed.**
  - Material to be mixed may be harmful.
- **If the power tool falls into the material to be mixed, unplug the tool immediately and have the power tool checked by a qualified repair person.**
  - Reaching into the container with the tool still plugged in can lead to electric shock.
- **DO NOT reach into the mixing container with your hands or insert any other objects into it while mixing.**
  - Contact with the mixer basket may lead to serious personal injury.
- **Start up and run down the tool in the mixing container only.**
  - The mixer paddle may bend or spin in an uncontrolled manner.

## 4.3 Connection to the Power Supply



**CAUTION! Risk of electric shock. DO NOT open.**

This appliance is supplied with an approved plug and cord for your safety.

If the power supply cord is damaged, it must be replaced by Draper Tools, an authorised service agent or similarly qualified personnel in order to avoid a hazard.


The damaged or incomplete plug, when cut from the cord, shall be disabled to prevent connection to a live electrical outlet.

This appliance is Class II\* and is designed for connection to a power supply matching that detailed on the rating label and compatible with the plug fitted.

The value of the fuse fitted is marked on the pin face of the plug. Should the fuse need replacing, use a small plain-slot screwdriver to remove the fuse cover. Ensure the substitute is of the correct rating, approved to BS 1362 and ASTA or BS Kite marked. This should only be performed by suitably qualified personnel.



**Important:** If an extension lead is required, use an approved and compatible lead rated for this appliance. Unwind the entire cable and follow all the instructions supplied with the extension lead.

\*Double insulated : This product requires no earth connection as supplementary insulation is applied to the basic insulation to protect against electric shock in the event of failure of the basic insulation.

## 4.4 Residual Risk

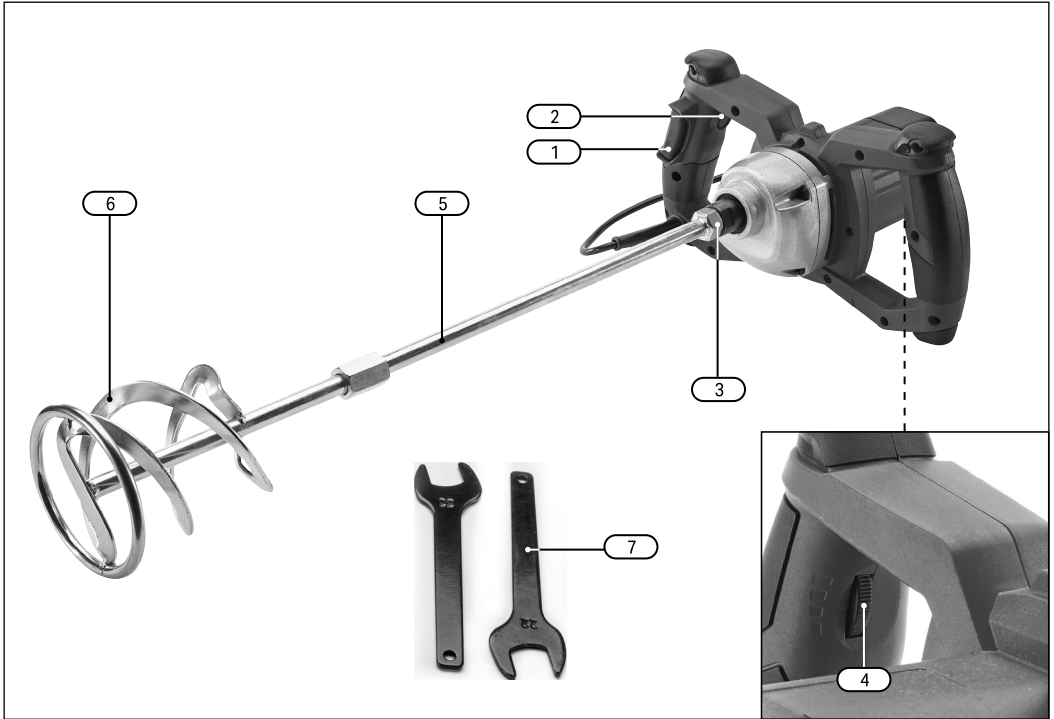
The safety instructions in this manual cannot account for all possible conditions and situations that may occur. Exercise common sense and caution when using this product and protect against any additional conceivable risks.

# 5. Identification and Unpacking

## 5.1 Product Overview

Carefully remove the product from the packaging and examine it for any signs of damage that may have occurred during shipment. If any part is damaged or

missing, do not attempt to use the product. Please contact the Draper Helpline; contact details can be found at the back of this manual.



- (1) **ON/OFF** trigger switch
- (2) Lock off button
- (3) Spindle thread
- (4) Variable speed selector

- (5) Paddle shaft
- (6) Mixing paddle
- (7) 2 X spanners

## 5.2 Packaging

Keep the product packaging for the duration of the warranty period in case the product needs to be returned for repair.



**WARNING! Keep packaging materials out of reach of children. Dispose of packaging correctly and responsibly and in accordance with local regulations.**

Please visit [drapertools.com](http://drapertools.com) for our full range of accessories and consumables.

## 6. Preparation Instructions

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**Important:** Before preparing or adjusting this product, unplug the mixer from the power socket and read and understand all the safety instructions listed in this manual.

### 6.1 Fitting the Mixer Paddle (Fig. 1)

- Fit the mixing paddle shaft (5) onto the spindle (3). Tighten the nut using the spanners (7) supplied.
- Then connect the mixing paddle (6) to the shaft.

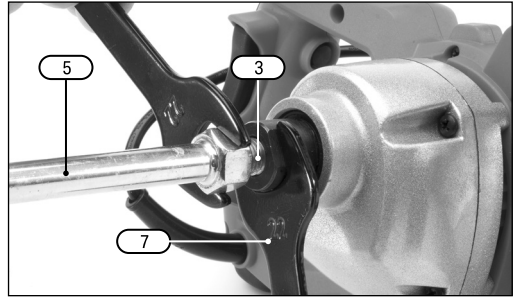


Fig. 1

## 7. Operating Instructions

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**Important:** Before operating this product, read and understand all the safety instructions listed in this manual. Ensure that the product is fully assembled and correctly prepared for use.

### 7.1 ON/OFF Trigger and Lock Off Button (Fig.2 – Fig.3)

- To start the mixer, press the lock off button (2) first, then press the ON/OFF trigger (1).
- To switch off, release the ON/OFF trigger (1).

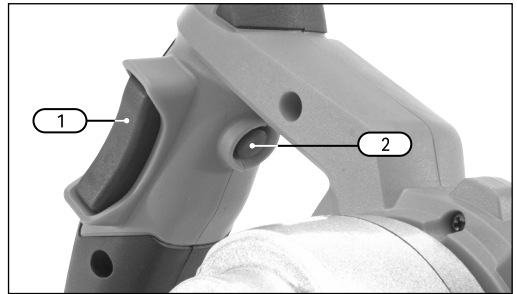


Fig. 2

### 7.2 Basic Mixer Operation (Fig.4)

1. Connect the mixer to the power supply.
2. Securely position the mixing container on a level floor.
3. Dip the paddle into the substance to be mixed.
4. Set the speed selector (4) to a low speed.
5. Switch on the mixer.
6. Gradually increase the speed to the required level – ensuring that the mixture will not splash and the tool will not be overloaded.
7. When mixing is complete switch off the paddle before removing from the container.

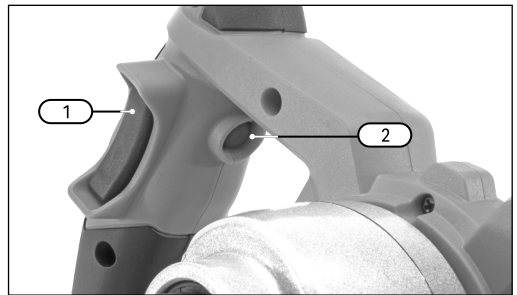


Fig. 3

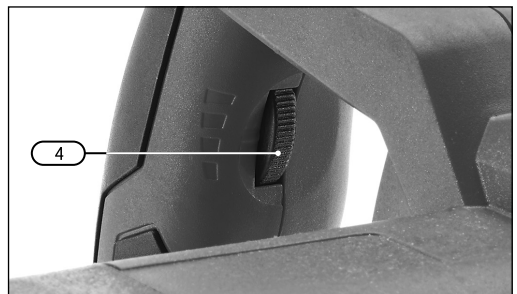


Fig. 4

**Note:** ALWAYS hold the mixer firmly with both hands.

**Important:** **ALWAYS** unplug the tool from the power supply before carrying out any cleaning, adjustments or maintenance.

- **ALWAYS** keep the tool and cord clean. Clean with a dry soft cloth.
- **DO NOT** cleaning agents or solvents.
- Clean the ventilation slots regularly with a brush or compressed air.

## 9. Spares, Returns and Disposal

For spare parts, servicing, and repair and replacement options, please contact the Draper Tools Product Helpline for details of your nearest authorised agent.

Draper Tools will endeavour to hold any spare parts, if applicable, for seven years from the date that it sells the final matching stock item.

Any servicing or repairs carried out by unauthorised personnel or installation of spare parts not supplied by Draper Tools will invalidate your warranty.

**Important:** For safety, **ALWAYS** drain and clean the product of any substances before returning it to Draper Tools or its authorised agent. Store these materials in suitable containers and dispose of them in accordance with local regulations. Draper Tools and its agents cannot be responsible for the disposal of these substances.

At the end of its working life, dispose of the product responsibly and in line with local regulations. Recycle where possible.

- **DO NOT** dispose of this product with domestic waste; most local authorities provide appropriate recycling facilities.
- Dispose of any mixed substances separately and in accordance with local regulations; **DO NOT** abandon it in the environment.



## 10. Warranty

24 months from date of purchase - Visit [drapertools.com/warranty](https://www.drapertools.com/warranty) for more information

However, if the tools are hired out, the warranty period is 90 days from the date of purchase.

# 11. Explanation of Symbols



Read the instruction manual



Wear face mask and safety glasses



Wear protective clothing



Do not abandon in the environment



Class II construction  
(Double insulated)



Wattage



Speed (no load)



Spindle thread



Paddle diameter



WEEE –  
Waste Electrical & Electronic Equipment  
Do not dispose of Waste Electrical & Electronic Equipment  
in with domestic rubbish



European conformity



UK Conformity Assessed





## Contact Details

### **Draper Tools**

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Please contact the Draper Tools Product Helpline for repair and servicing enquiries.