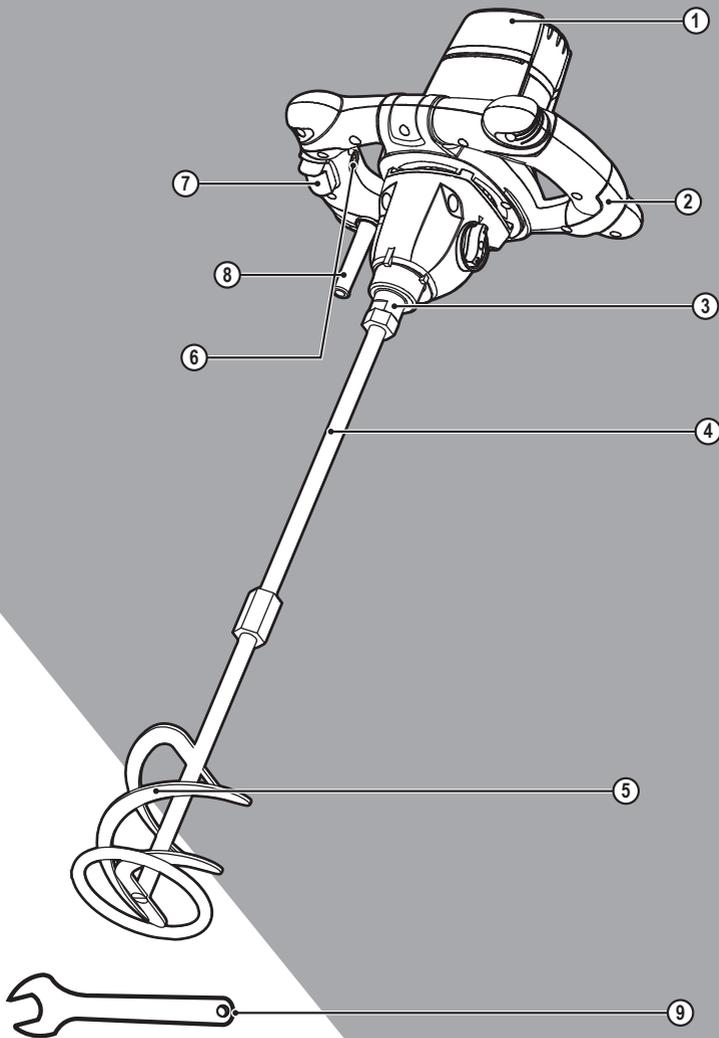


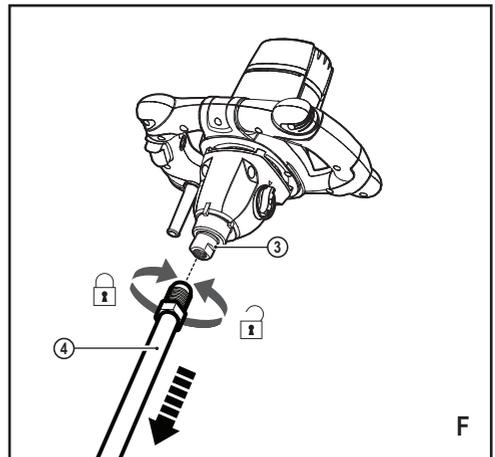
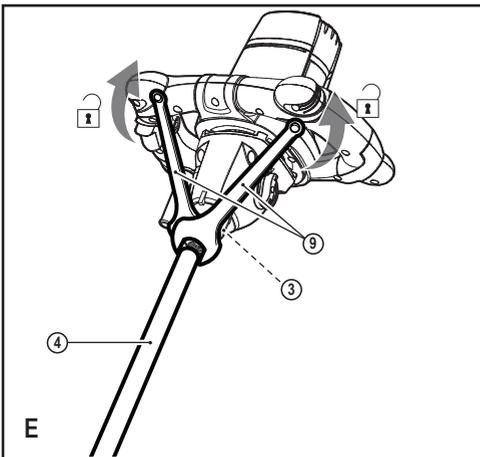
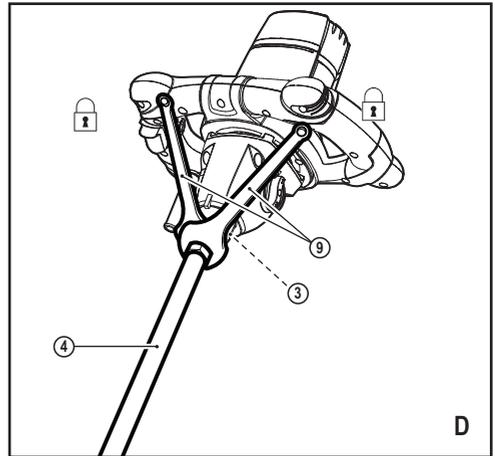
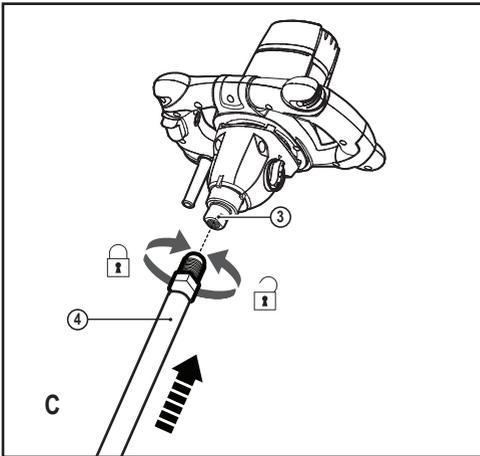
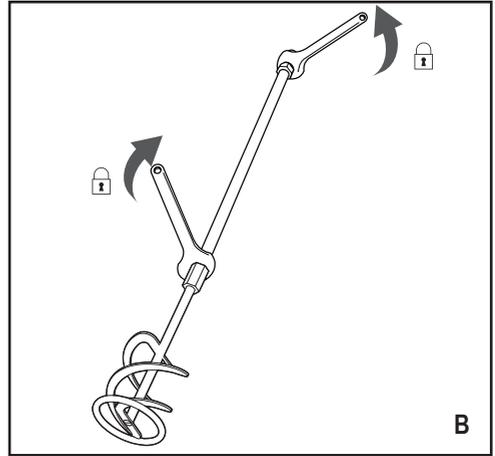
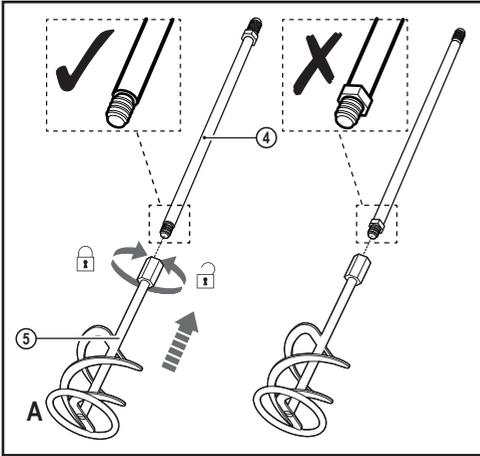
# STANLEY<sup>®</sup>

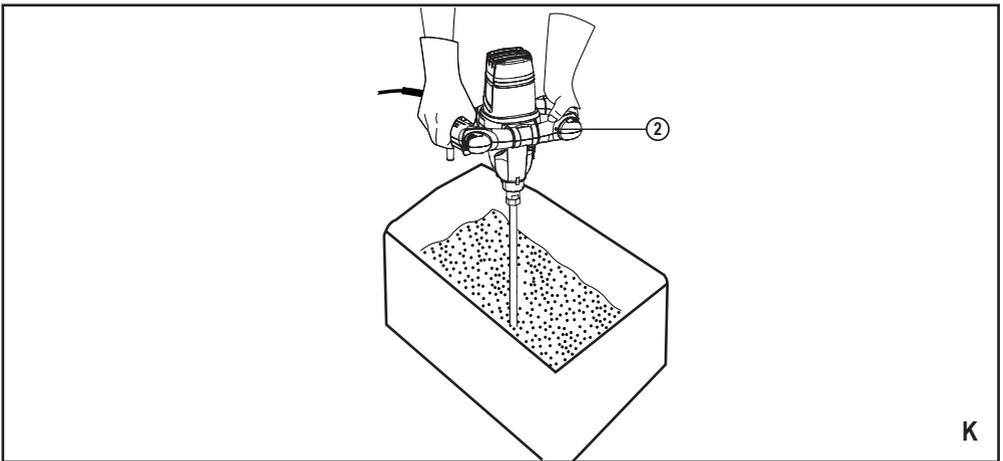
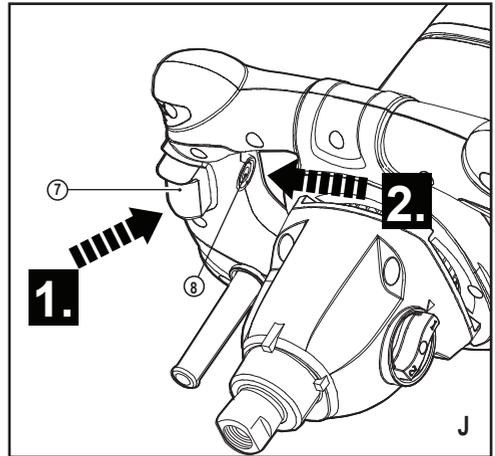
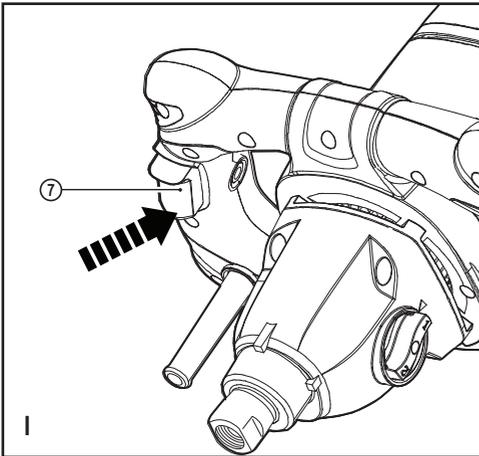
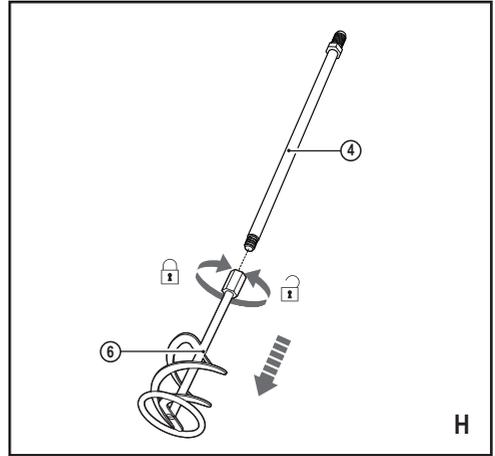
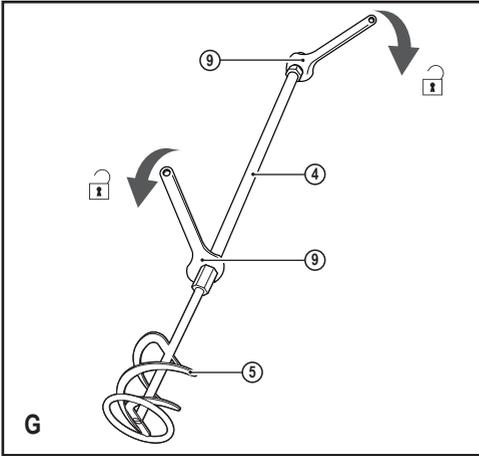
## FATMAX<sup>®</sup>



[www.stanley.eu](http://www.stanley.eu)

FME190





## Intended use

Your Stanley Fat Max FME190 Paddle Mixer has been designed for mixing liquid and powdery materials: paints, glue/adhesive, plaster, screed as well as mortar etc. This tool is intended for professional and private, non professional users.

## Safety instructions

### General power tool safety warnings



**Warning! Read all safety warnings and all instructions.** Failure to follow the warnings and 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 all of the warnings listed below 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.
- 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.

#### 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 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, clothing and gloves 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.
- #### 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 the battery pack 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. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tools 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.
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.

### Additional power tool safety warnings for paddle mixer.

- ◆ Never clamp the product into a vice or to a work bench to use as a stationary tool. This may cause serious injury.
- ◆ Switch the product off immediately if the tool attachment jams. Be prepared for high reaction torques, which could cause kickbacks. The tool attachment will jam if the product is overloaded or becomes twisted in the workpiece.
- ◆ Wear protective clothing, dust masks and protective gloves when using this product. While this product is being used, dust may be created or splashing may occur and material or liquids may be flung around. Many types of dust are deemed to be carcinogenic.
- ◆ Always operate the product with both hands on the handles. Keep a firm grip on the handles and ensure your footing is secure on a stable, level and dry ground. Loss of control over the product can cause personal injury.
- ◆ Do not use this product to process substance which is highly flammable or potentially explosive such as solvents. Using this product will create sparks which can ignite vapours.
- ◆ Use this product indoors only. Moisture and rain can damage the product or can lead to electrocution. from the power supply, if stirred material penetrates into the inside of the product or if the product falls into the material being stirred. Have the product inspected by a professional electrician. Stirred material and moisture can damage the product or lead to electrocution, if they penetrate inside the product.
- ◆ Do not work with any substances which are harmful to health. Many materials are noxious when they are processed.

Do not breathe in any unhealthy substances and avoid contact with your skin. Follow the manufacturers' instructions and wear suitable personal protective equipment.

- ◆ Wait until the product has come to a complete standstill, before removing it from the material being stirred and putting it down. The bucket can get jammed or stirred material can be flung around. This can lead to a loss of control over the product.

### Residual risks.

Even with the application of the relevant safety regulations and the implementation of safety devices, certain residual risks can not be avoided. These include:

- ◆ Injuries caused by touching any rotating/moving parts.
- ◆ Impairment of hearing.
- ◆ Risk of injury when changing any parts, or accessories.
- ◆ Health hazards caused by breathing dust developed when sawing wood, especially oak, beech and MDF.
- ◆ Injuries caused by prolonged use of a tool. When using any tool for prolonged periods ensure you take regular breaks.

### Safety of others

- ◆ This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- ◆ Children should be supervised to ensure that they do not play with the appliance.

### Vibration

The declared vibration emission values stated in the technical data and the declaration of conformity have been measured in accordance with a standard test method provided by EN 60745 and may be used for comparing one tool with another. The declared vibration emission value may also be used in a preliminary assessment of exposure.

**Warning!** The vibration emission value during actual use of the power tool can differ from the declared value depending on the ways in which the tool is used. The vibration level may increase above the level stated. When assessing vibration exposure to determine safety measures required by 2002/44/EC to protect persons regularly using power tools in employment, an estimation of vibration exposure should consider, the actual conditions of use and the way the tool is used, including 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.

## Labels on tool

The following pictograms along with the date code are shown on the tool:



**Warning!** To reduce the risk of injury, the user must read the instruction manual.



Wear safety glasses or goggles.



Wear ear protection.



Wear a dust mask.



Wear gloves when handling blades.

## Electrical safety



This tool is double insulated; therefore no earth wire is required. Always check that the power supply corresponds to the voltage on the rating plate.

- ◆ Inspect tool cords periodically. If the supply cord is damaged, it must be replaced by the manufacturer or an authorised Stanley Fat Max Service Centre in order to avoid a hazard.

## Voltage drops

Inrush currents cause short-time voltage drops. Under unfavourable power supply conditions, other equipment may be affected. If the system impedance of the power supply is lower than  $0.34 \Omega$ , disturbances are unlikely to occur.

## Using an extension cable

- ◆ Always use an approved extension cable suitable for the power input of this tool (see technical data). Before use, inspect the extension cable for signs of damage, wear and ageing.
- ◆ Replace the extension cable if damaged or defective. When using a cable reel, always unwind the cable completely. Use of an extension cable not suitable for the power input of the tool or which is damaged or defective may result in a risk of fire and electric shock.

## Features

This tool includes some or all of the following features.

1. Air vents
2. Handle (left & right)
3. Socket
4. Shaft
5. Stirrer

6. lock-on button
7. Variable speed switch
8. Power cord with plug
9. Mounting spanner 22mm (x 2)

## Assembly. Unpacking.

- ◆ Unpack all parts and lay them on a flat, stable surface.
- ◆ Remove all packing materials and shipping devices, if applicable.
- ◆ Make sure the delivery contents are complete and free of any damage. If you find that parts are missing or show damage do not use the product but contact your dealer. Using an incomplete or damaged product represents a hazard to people and property.
- ◆ Ensure that you have all the accessories and tools needed for assembly and operation. This also includes suitable personal protective equipment.

**Warning!** The product and the packaging are not children's toys! Children must not play with plastic bags, sheets and small parts! There is a danger of choking and suffocation!

## Setup

**Warning!** The product must be fully assembled before operation! Do not use a product that is only partly assembled or assembled with damaged parts! Follow the assembly instructions step-by-step and use the pictures provided as a visual guide to easily assemble the product! Do not connect the product to power supply before it is completely assembled!

## Stirrer

**Warning!** Stirrers are available in different types and with different shape and diameters. Always use the correct stirrer according to the intended use! Observe the technical requirements of this product (see section "Technical specifications") when purchasing and using stirrer! Stirrer becomes hot during use! Handle them carefully! Wear protective gloves when handling stirrer in order to avoid injuries like burns and cuts!

## Attaching (Fig.A, Fig.B, Fig.C, Fig.D)

- ◆ Align the stirrer (5) with the shaft (4). Screw the stirrer (5) clockwise onto the lower end of the shaft (4) (Fig. A).
- ◆ Lock the welded nut of the shaft (4) with one mounting spanner (9) and secure the stirrer (5) clockwise with the other (9) gripping the welded nut (Fig. B).

**Note!** Tighten the connection hand tight at first, before using the spanners.

- ◆ Align the shaft (4) with the socket (3). Screw the shaft end with welded nut clockwise into the socket (3) (Fig. C).
- ◆ Lock the socket (3) with one mounting spanner (9) and secure the shaft (4) clockwise with another mounting spanner (9) gripping the welded nut (Fig. D).

**Note!** Tighten the connection hand tight at first, before using the spanners.

### Removing/Replacing (Fig.E, Fig.F)

- ◆ Lock the socket (3) with one mounting spanner (9) and loosen the shaft (4) anticlockwise with another mounting spanner (9) gripping the welded nut (Fig. E).
- ◆ Loosen the welded nut anticlockwise (Fig. F) and remove the shaft (4) from the socket (3) (Fig. F)

### Stirrer (Fig.G, Fig.H)

- ◆ Lock the welded nut of the shaft (4) with one mounting spanner (9) and loosen the stirrer (5) anticlockwise with another mounting spanner (9) gripping the welded nut (Fig. G).
- ◆ Loosen the welded nut anticlockwise (Fig. H) and remove the stirrer (5) from the shaft (4) (Fig. H).
- ◆ Attach a new shaft/stirrer as required.

### Use

#### Variable speed switch (Fig.I)

Operate the product either in instant or continuous mode.

#### Instant Mode

- ◆ Switch the product on by pressing the variable speed switch (7) (Fig. I).
- ◆ Switch the product off by releasing the variable speed switch (7).

#### Continuous mode

- ◆ Switch the product on by pressing the variable speed switch (7) and hold it in position (Fig. J, step 1).
- ◆ Press the lock-on button (6) and hold it in position to lock the variable speed switch (7) (Fig. I, step 2).
- ◆ Release the lock-on button (6) and variable speed switch (8). The variable speed switch is now locked on for continuous use.
- ◆ Depress and release the variable speed switch (7) to switch the product off.

#### General operation

- ◆ Check the product, its power cord and plug as well as accessories for damage before each use. Do not use the product if it is damaged or shows wear.
- ◆ Double check that the accessories and attachments are properly fixed.
- ◆ Always hold the product on its handles. Keep the handles dry to ensure safe support.
- ◆ Ensure that the air vents are always unobstructed and clear. Clean them if necessary with a soft brush. Blocked air vents may lead to overheating and damage the product.

- ◆ Switch the product off immediately if you are disturbed while working by other people entering the working area. Always let the product come to complete stop before putting it down.
- ◆ Do not overwork yourself. Take regular breaks to ensure you can concentrate on the work and have full control over the product.

### Mixing (Fig.K)

**Warning!** During operation fine dust will be generated!

Some dusts are highly inflammable and explosive! Do not smoke during operation, keep heat sources and open flames out of the working area! Always wear a dust mask to protect yourself against hazards resulting from fine dust!

The stirrer will come to a stop during operation if the material is too firm! Switch the product off, lift the stirrer out of the material and inspect the material before using the product again! A blocked stirrer may cause overheating of the motor. Hold the product firmly during operation. Do not let the stirrer touch the bucket! This can cause damage to the stirrer and bucket!

- ◆ Hold the product with 2 hands on both handles (2) and insert the stirrer (5) into the material (Fig. M).
- ◆ Gently press variable speed trigger switch to start operation at a low speed.
- ◆ Move the stirrer through the material until it is evenly and completely mixed.
- ◆ Switch the product off. Let the stirrer come to a complete stop before lifting it out of the mixing material.

**Warning:** Switch the product off, let it come to a complete stop and disconnect it from the power supply if the stirrer gets stuck in the mixing material. Only then free the jammed attachment.

#### After use

**Warning:** Always switch the product off, disconnect the product from the power supply and let the product cool down before performing inspection, maintenance and cleaning work!

#### Cleaning

- ◆ Keep the product clean. Remove debris from it after each use and before storage.
- ◆ Regular and proper cleaning will help ensure safe use and prolong the life of the product.
- ◆ Inspect the product before each use for worn and damaged parts. Do not operate it if you find broken and worn parts.

**Warning:** Only perform repairs and maintenance work according to these instructions! All further works must be performed by a qualified specialist!

- ◆ Clean the product with a dry cloth. Use a brush for areas that are hard to reach.

- ◆ In particular clean the air vents (1) after every use with a cloth and brush.
- ◆ Remove stubborn dirt with high pressure air (max. 3 bar).

**Note:** Do not use chemical, alkaline, abrasive or other aggressive detergents or disinfectants to clean this product as they might be harmful to its surfaces.

- ◆ Check for worn or damaged parts. Replace worn parts as necessary or contact an authorised service centre for repair before using the product again.

**Maintenance**

- ◆ Before and after each use, check the product and accessories (or attachments) for wear and damage. If required, exchange them for new ones as described in this instruction manual. Observe the technical requirements.

**Repair**

This product does not contain any parts that can be repaired by the consumer. Contact an authorised service centre or a similarly qualified person to have it checked and repaired.

**Storage**

- ◆ Switch the product off and disconnect it from the power supply.
- ◆ Clean the product as described above.
- ◆ Store the product and its accessories in a dark, dry, frost-free, well-ventilated place.
- ◆ Always store the product in a place that is inaccessible to children. The ideal storage temperature is between 10°C and 30°C.
- ◆ We recommend using the original package for storage or covering the product with a suitable cloth or enclosure to protect it against dust.

**Transportation**

- ◆ Switch the product off and disconnect it from the power supply.
- ◆ Attach transportation guards, if applicable.
- ◆ Always carry the product by its handles (2).
- ◆ Protect the product from any heavy impact or strong vibrations which may occur during transportation in vehicles.
- ◆ Secure the product to prevent it from slipping or falling over.

**Troubleshooting**

Suspected malfunctions are often due to causes that the users can fix themselves. Therefore check the product using this section. In most cases the problem can be solved quickly.

Problem	Possible Cause	Solution
Product does not start	Not connected to power supply	Connect to power supply
	Power cord or plug is defective	Check by a specialist electrician
	Other electrical defect to the product	Check by a specialist electrician
Product does not reach full power	Extension cord not suitable for operation with this product	Use a proper extension cord
	Power source (e.g. generator) has too low voltage	Connect to another power source
	Air vents are blocked	Clean the air vents
Unsatisfactory result	Stirrer is worn	Replace with new one
	Stirrer not suitable for material to be mixed	Use proper stirrer

## Protecting the environment



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

Should you find one day that your Stanley Fat Max 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.

Stanley Europe provides a facility for the collection and recycling of Stanley Fat Max 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 Stanley Europe office at the address indicated in this manual. Alternatively, a list of authorised Stanley Europe repair agents and full details of our after-sales service and contacts are available on the Internet at: [www.2helpU.com](http://www.2helpU.com)

## Technical data

FME190	
Rated voltage, frequency	220 – 240 V-, 50 Hz
Rated power input	1600 W
Rated no load speed $n_0$	180 - 460rpm 300-750rpm
Diameter of stirrer	Ø 140mm
Coupling thread	M14 x 2
Mixture volume	max. 120L
Max torque	80 Nm
Protection class	Class II
Weight	approx. 5.1 kg

Sound pressure level $L_{pA}$	84 dB (A)
Sound power level $L_{WA}$	95 dB (A)
Uncertainty $K_{pA}$ , $K_{WA}$	3 dB (A)
>ah	4.24 m/s <sup>2</sup>

**EC declaration of conformity**

MACHINERY DIRECTIVE



FME190 Paddle mixer

Stanley Europe declares that these products described under "technical data" are in compliance with:  
2006/42/EC, EN 60745-1:2009 + A11:2010,  
EN 60745-2-11: 2010

These products also comply with Directive 2004/108/EC (until 19/04/2016) 2014/30/EU (from 20/04/2016) and 2011/65/EU. For more information, please contact Stanley Europe at the following address or refer to the back of the manual.

The undersigned is responsible for compilation of the technical file and makes this declaration on behalf of Stanley Europe.

Ray Laverick  
Engineering Manager  
Stanley Europe, Egide Walschaertsstraat14-18,  
2800 Mechelen, Belgium  
01/26/2015

**Guarantee**

Stanley Europe is confident of the quality of its products and offers an outstanding guarantee for professional users of the product. This guarantee statement is in addition to and in no way prejudices your contractual rights as a private non-professional user. The guarantee is valid within the territories of the Member States of the European Union and the European Free Trade Area.

**ONE-YEAR FULL WARRANTY**

If your Stanley Fat Max product becomes defective due to faulty materials or workmanship within 12 months from the date of purchase, Stanley Europe guarantees to replace all defective parts free of charge or – at our discretion – replace the unit free of charge provided that:

- ◆ The product has not been misused and has been used in accordance with the instruction manual.
- ◆ The product has been subject to fair wear and tear;
- ◆ Repairs have not been attempted by unauthorised persons;
- ◆ Proof of purchase is produced.
- ◆ The Stanley Fat Max product is returned complete with all original components

If you wish to make a claim, contact your seller or check the location of your nearest authorised Stanley Fat Max repair agent in the Stanley Fat Max catalogue or contact your local Stanley office at the address indicated in this manual. A list of authorised Stanley Fat Max repair agents and full details of our after sales service is available on the internet at: [www.stanley.eu/3](http://www.stanley.eu/3)



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