

Scheppach MTC42-5P

Scheppach MTC42-5P 5-in-1 Thermal Brush Cutter User Manual

Model: MTC42-5P



Image: Scheppach German Engineering since 1927 banner.

1. INTRODUCTION

Thank you for choosing the Scheppach MTC42-5P 5-in-1 Thermal Brush Cutter. This versatile tool is designed to handle various garden tasks with ease, combining the functions of a brush cutter, strimmer, hedge trimmer, pole pruner, and leaf blower into a single powerful unit. Please read this manual carefully before operation to ensure safe and efficient use of the product.



Image: The Scheppach MTC42-5P 5-in-1 Thermal Brush Cutter showing the main engine unit and all five interchangeable attachments: brush cutter, strimmer, hedge trimmer, pole pruner, and leaf blower, along with the harness and a spool of line.

1.1 Product Overview

The MTC42-5P is powered by a robust 1.5 HP / 42.7 cm³ 2-stroke engine, providing ample power for demanding tasks. Its anti-vibration system and included shoulder strap ensure comfortable and fatigue-free operation. The quick-release carabiner on the harness provides maximum safety.

Le **système anti-vibration** ainsi que le harnais permettent de travailler confortablement et sans fatigue



Image: A person wearing the ergonomic anti-vibration harness, designed to distribute the tool's weight and reduce user fatigue during extended operation.

Fonction démarrage facile

Système anti-vibrations



Image: Visual representation of the 'Easy Start' function for quick engine ignition and the 'Anti-Vibration System' for enhanced user comfort.

1.2 Applications

This multi-functional device is suitable for a wide range of gardening tasks, including:

- **Brush Cutter:** For dense undergrowth and thick weeds.
- **Strimmer (Line Trimmer):** For trimming grass edges and lighter vegetation.
- **Pole Pruner (Chainsaw):** For cutting branches at height.
- **Hedge Trimmer:** For shaping and trimming hedges.
- **Leaf Blower:** For clearing leaves and debris.



EXEMPLES D'APPLICATIONS

CONVIENT POUR

Arbustes



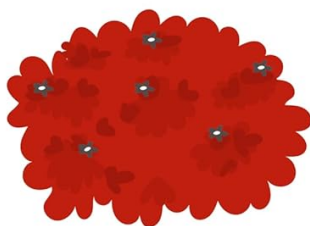
Herbe



Mauvaises herbes



Haies



Branches



Feuilles



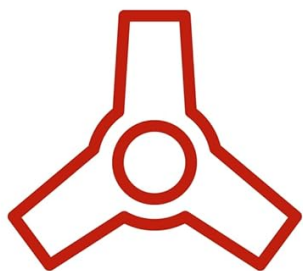
Image: Infographic showing various garden elements the tool can manage, including bushes, grass, weeds, hedges, branches, and leaves.



UTILISATIONS

FONCTION 5 EN 1

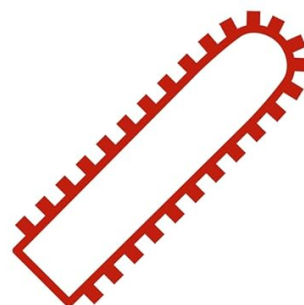
Débroussailleuse



Coupe-bordures



Élagueuse



Taille-haie



Souffleur

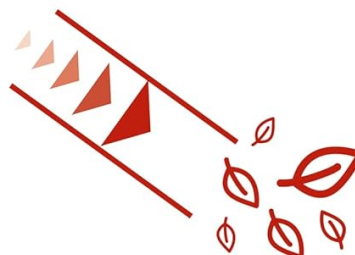


Image: Icons illustrating the five distinct functions of the tool: brush cutter, trimmer, pole pruner, hedge trimmer, and leaf blower.

2. SAFETY INSTRUCTIONS

Always prioritize safety when operating power tools. Failure to follow these instructions can result in serious injury or property damage.

- **Read the Manual:** Familiarize yourself with all controls and safety features before use.
- **Personal Protective Equipment (PPE):** Always wear appropriate PPE, including safety glasses, hearing protection, gloves, long pants, and sturdy, non-slip footwear.
- **Fuel Handling:** Handle fuel with extreme care. Mix fuel and oil in a well-ventilated area away from ignition sources. Do not smoke while refueling.
- **Work Area:** Clear the work area of bystanders, children, and pets. Ensure good footing and be aware of your surroundings.
- **Inspection:** Before each use, inspect the tool for any damage, loose parts, or leaks. Do not operate a damaged tool.

- **Engine Safety:** Never operate the engine indoors. Ensure proper ventilation. The engine and exhaust become very hot during operation.
- **Attachments:** Only use genuine Scheppach attachments. Ensure attachments are securely fastened before starting the engine.
- **Emergency Stop:** Know how to quickly stop the engine in an emergency.
- **Storage:** Store the tool in a dry, secure place, out of reach of children.

3. COMPONENTS AND ASSEMBLY

The Scheppach MTC42-5P comes with a main engine unit and several interchangeable attachments. Assembly is designed to be straightforward.



Image: An exploded view showing all individual components of the Scheppach MTC42-5P, including the engine unit, various shafts, and all five tool heads, ready for assembly.

3.1 Included Components

- Main Engine Unit
- Brush Cutter Attachment (with blade)
- Trimmer Attachment (with line spool)
- Pole Pruner Attachment (with chain and bar)
- Hedge Trimmer Attachment
- Leaf Blower Attachment
- Shoulder Harness with Quick Release
- Tool Kit (for assembly and maintenance)
- Fuel Mixing Bottle



Sécurité maximum avec le mousqueton à décrochage rapide.



TAP'N'GO
Mise à longueur automatique

Image: Top panel shows a close-up of the quick-release carabiner on the shoulder harness for maximum safety. Bottom panel shows the 'Tap'n'Go' trimmer head, indicating automatic line length adjustment.



Image: A detailed view of the brush cutter head with its metal blade and the trimmer spool with its cutting line.

3.2 Assembly Steps

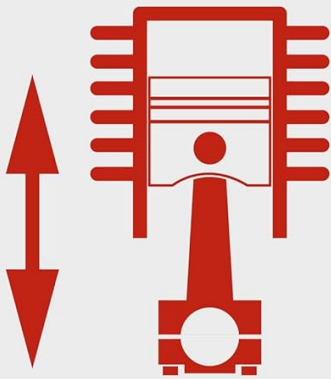
1. **Connect Shafts:** The main engine unit connects to an extension shaft, which then connects to the desired

attachment. Align the shafts and secure them with the quick-release clamp and locking pin.

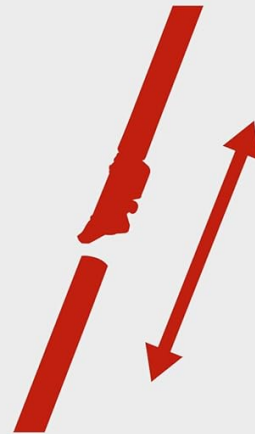
2. **Attach Handles:** Secure the ergonomic handle to the main shaft at a comfortable working position.
3. **Install Guard:** Attach the appropriate safety guard for the chosen attachment (e.g., brush cutter guard, trimmer guard).
4. **Harness Assembly:** Attach the shoulder harness to the designated mounting point on the main shaft. Adjust for a comfortable fit.
5. **Fueling:** Mix unleaded petrol with 2-stroke engine oil according to the ratio specified in the engine manual (typically 25:1 or 40:1, refer to specific engine instructions). Fill the fuel tank carefully.

The modular design allows for easy assembly and disassembly, making it convenient for transport and storage.

**Moteur 2 temps de 1,1 kW /
1,5 CV / 42,7 cm³**



**Montage et
démontage facile**



Réservoir de 0,96 L



Lanceur manuel



Image: Infographic detailing key technical features: a 1.1 kW / 1.5 HP / 42.7 cm³ 2-stroke engine, easy assembly and disassembly, a 0.96 L fuel tank, and a manual starter.

4. OPERATION

Before operating, ensure you have read and understood all safety instructions. Always wear appropriate PPE.

4.1 Starting the Engine

1. Place the tool on a flat, stable surface.
2. Ensure the choke lever is in the 'START' position (cold engine).
3. Press the primer bulb several times until fuel is visible.
4. Pull the starter cord firmly until the engine briefly fires.
5. Move the choke lever to the 'RUN' position.
6. Pull the starter cord again until the engine starts and runs smoothly.
7. Allow the engine to warm up for a few moments before engaging the throttle.

4.2 Using Attachments

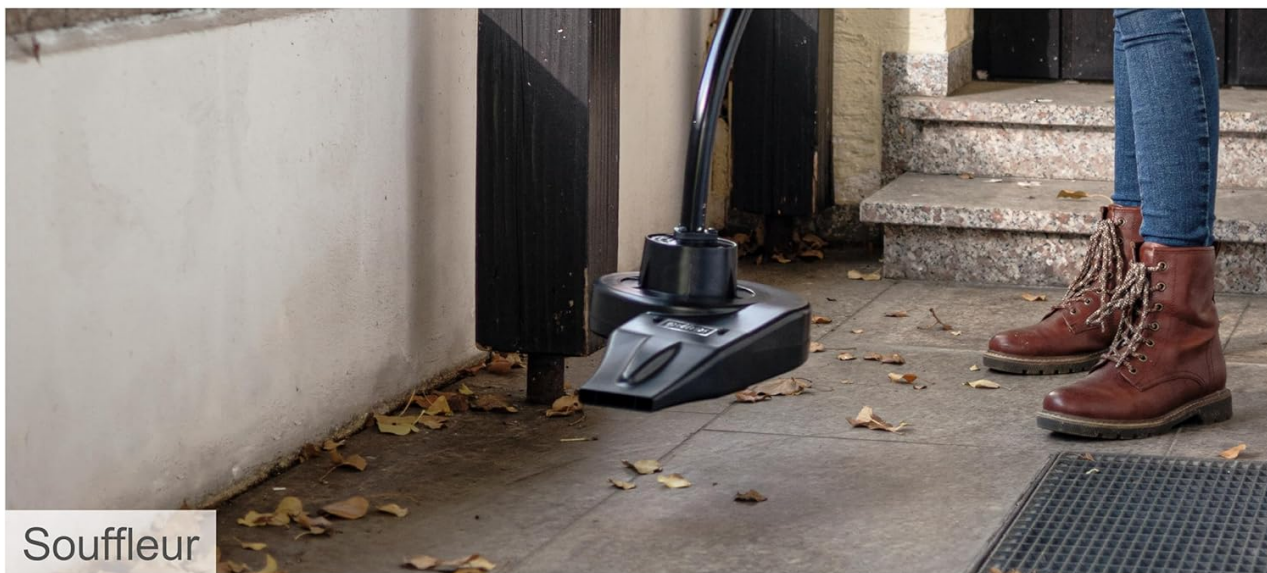
Each attachment is designed for specific tasks. Always ensure the correct guard is installed for the attachment in use.

- **Brush Cutter / Strimmer:** Hold the tool firmly with both hands. Use a sweeping motion to cut grass or brush. For the strimmer, tap the head on the ground to extend the line (Tap'n'Go feature).
- **Hedge Trimmer:** Use a smooth, even motion to trim hedges. Work from bottom to top for best results.
- **Pole Pruner:** Extend the shaft to reach higher branches. Ensure a stable footing. Let the saw do the work; do not force it.
- **Leaf Blower:** Direct the airflow to clear leaves and debris. Use a sweeping motion to gather material into piles.

EXEMPLES D'APPLICATIONS 5 EN 1



Taille-haie



Souffleur

Image: Top panel shows a person using the hedge trimmer attachment to trim tall hedges. Bottom panel shows a person using the leaf blower attachment to clear leaves from a paved area.

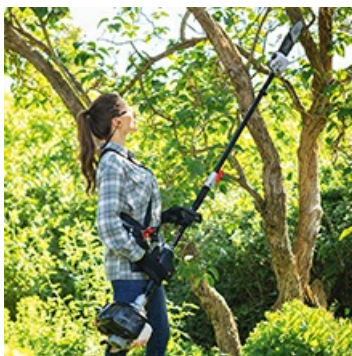


Image: A person using the pole pruner attachment to trim high branches from a tree, demonstrating its extended reach.



Image: A person using the brush cutter attachment to clear dense grass and weeds in a garden area.



Image: A person using the leaf blower attachment to clear fallen leaves from a pathway near a house.

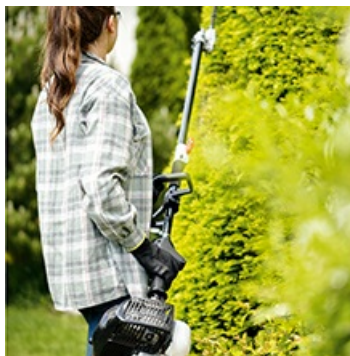


Image: A person using the hedge trimmer attachment to shape and maintain a tall green hedge.

4.3 Product Video

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Video: A presentation video demonstrating the features and various applications of the Scheppach MTC42-5P 5-in-1 Thermal Brush Cutter.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your tool.

- **Air Filter:** Clean the air filter regularly, especially in dusty conditions. Replace if damaged.
- **Spark Plug:** Inspect and clean the spark plug periodically. Replace if worn or fouled.
- **Fuel Filter:** Check and clean the fuel filter in the tank.
- **Cutting Attachments:** Keep blades and chains sharp and clean. Lubricate the pole pruner chain before each use.
- **Gearbox Lubrication:** Check and replenish grease in the gearbox of attachments (hedge trimmer, pole

pruner) as per the specific attachment manual.

- **General Cleaning:** Clean the tool after each use, removing grass, dirt, and debris.
- **Storage:** For long-term storage, drain the fuel tank and run the engine until it stops to clear the carburetor. Store in a dry, secure location.

6. TROUBLESHOOTING

Here are some common issues and their potential solutions:

Problem	Possible Cause	Solution
Engine won't start	No fuel, incorrect choke position, fouled spark plug, clogged fuel filter	Check fuel level and mix, adjust choke, clean/replace spark plug, clean fuel filter
Engine runs poorly	Dirty air filter, stale fuel, incorrect fuel mix, carburetor issues	Clean air filter, use fresh fuel, ensure correct fuel mix, consult service for carburetor
Attachment not cutting effectively	Dull blade/chain/line, incorrect attachment for task, debris buildup	Sharpen/replace cutting tool, use appropriate attachment, clear debris
Excessive vibration	Loose parts, damaged attachment, unbalanced cutting tool	Check all fasteners, inspect attachment for damage, replace/balance cutting tool

7. SPECIFICATIONS

Feature	Specification
Model	MTC42-5P
Engine Type	2-stroke, Petrol
Engine Displacement	42.7 cm3
Engine Power	1.1 kW / 1.5 HP
Fuel Tank Capacity	0.96 L
Product Dimensions (L x W x H)	208.5 x 42 x 250 cm (assembled)
Item Weight	16.52 kg
Material	Stainless Steel
Blade Material	Stainless Steel
Cutting Width (Brush Cutter)	255 mm

Feature	Specification
Power Source	Gasoline
Color	Red

8. WARRANTY AND SUPPORT

Scheppach products are manufactured to high quality standards. For warranty information, please refer to the documentation included with your product or visit the official Scheppach website. For technical support or spare parts, please contact your authorized Scheppach dealer or customer service.