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Scheppach MTP750

Scheppach MTP750 Thermal Tiller Instruction Manual

Model: MTP750 | Brand: Scheppach

INTRODUCTION

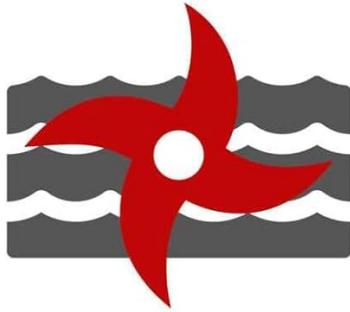
Thank you for choosing the Scheppach MTP750 Thermal Tiller. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new tiller. Please read these instructions carefully before assembly, operation, or maintenance to ensure proper use and to prevent injury or damage.



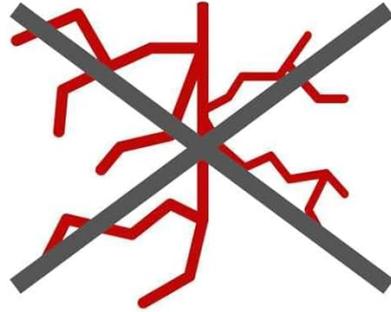
EXEMPLES D'APPLICATIONS

CONVIENT POUR MOYENNES ET GRANDES SURFACES

Aérer le sol



Enlever les mauvaises herbes



Préparation aux semis



Ajout des engrais



Image 1.1: The Scheppach MTP750 Thermal Tiller.

SAFETY INSTRUCTIONS

Your safety and the safety of others are paramount. Always observe the following safety guidelines:

- **Personal Protective Equipment:** Always wear appropriate personal protective equipment (PPE) including safety glasses, sturdy footwear, and hearing protection when operating the tiller.
- **Clear Work Area:** Ensure the work area is clear of bystanders, children, and pets. Maintain a safe distance from running machinery.
- **Fuel Handling:** Handle fuel with extreme care. Store fuel in approved containers and refuel in a well-ventilated area with the engine off and cool.
- **Machine Inspection:** Before each use, inspect the tiller for any loose parts, damage, or wear. Do not operate a damaged machine.
- **Maintenance:** Follow all maintenance instructions provided in this manual. Disconnect the spark plug wire before performing any maintenance or adjustments.
- **Slope Operation:** Exercise extreme caution when operating on slopes. Work across the face of slopes, never

up and down.

- **Foreign Objects:** Be aware of foreign objects in the soil that could be thrown by the tines. Clear the area of rocks, sticks, and other debris.

Failure to follow these safety instructions can result in serious injury or death.

SETUP AND ASSEMBLY

The Scheppach MTP750 tiller requires some assembly before first use. Follow these steps carefully:

1. **Unpacking:** Carefully remove all components from the packaging. Check for any shipping damage and ensure all parts are present according to the packing list.
2. **Handlebar Assembly:** Attach the handlebar to the main unit. Secure it firmly using the provided bolts and nuts. Ensure all cables are routed correctly and not pinched.
3. **Adjustable Handlebar:** Adjust the handlebar height to a comfortable working position for ergonomic operation.



Image 2.1: Adjustable handlebar for ergonomic operation.

4. **Tine Installation:** Install the tines onto the rotating shaft. Ensure they are correctly oriented for optimal soil

cultivation. The MTP750 features 24 steel tines.

5. **Plant Protection Discs:** Attach the plant protection discs to prevent damage to adjacent plants during operation.



Béquille de profondeur pour un réglage facile de la profondeur de travail

Image 2.2: Plant protection discs installed.

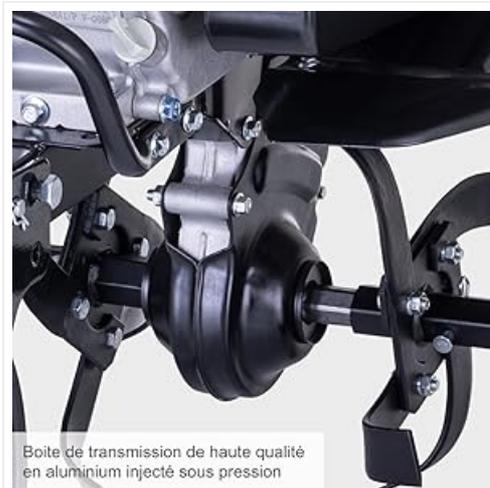
6. **Depth Limiter:** Install the depth limiter. This allows for easy adjustment of the working depth.



Boite de transmission de haute qualité en aluminium injecté sous pression

Image 2.3: Adjustable depth limiter.

- 7. Transport Wheels:** For easy movement of the tiller, attach the transport wheels. These are foldable for storage.



Boite de transmission de haute qualité en aluminium injecté sous pression

Image 2.4: Foldable transport wheels for easy movement.

- 8. Engine Oil and Fuel:** Fill the engine with the recommended type and amount of engine oil. Fill the fuel tank

with unleaded gasoline. Refer to the engine manual for specific oil and fuel requirements.

OPERATING INSTRUCTIONS

Before starting, ensure you have read and understood all safety instructions.

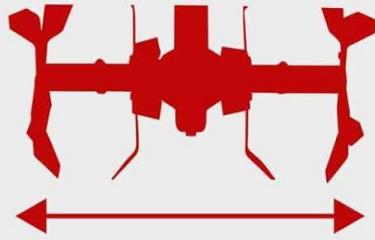
Starting the Engine

1. Check oil and fuel levels.
2. Open the fuel valve (if applicable).
3. Set the choke to the "START" or "CHOKE" position (for cold starts).
4. Set the throttle to the "FAST" position.
5. Pull the starter cord firmly until the engine starts.
6. Once the engine starts, gradually move the choke to the "RUN" position.

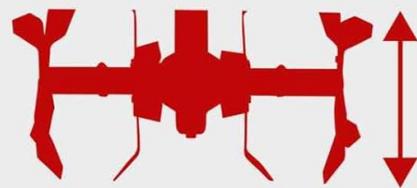
Tilling Operation

- **Area Preparation:** Clear the area of large rocks, roots, and debris.
- **Depth Adjustment:** Use the depth limiter to set the desired working depth. The MTP750 allows for a maximum working depth of 310 mm.
- **Gear Selection:** The tiller features two forward speeds, neutral, and one reverse speed for efficient operation. Select the appropriate gear for the soil conditions.
- **Working Width:** The tiller has a working width of 750 mm, allowing for rapid work progression.
- **Tilling Technique:** Guide the tiller steadily. Allow the tines to penetrate the soil. For very hard soil, multiple passes at increasing depths may be necessary.
- **Applications:** The MTP750 is suitable for various tasks including aerating soil, preparing seedbeds, and incorporating fertilizers.

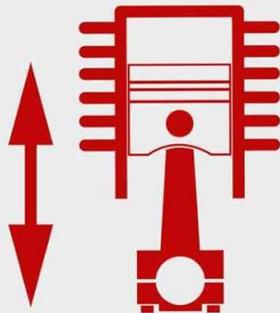
**Largeur de travail
de 750 mm**



**Profondeur de travail
max. 310 mm**



**Moteur thermique à 4 temps
de 212 cm³ 4,2 kW et 5,7 CV**



Fraises Ø 310 mm



Image 3.1: Examples of tiller applications.

- **Reverse Gear:** Use the reverse gear carefully, especially when maneuvering in tight spaces or backing away from obstacles.

Stopping the Engine

1. Move the throttle to the "STOP" or "OFF" position.
2. Close the fuel valve.
3. Allow the engine to cool before storage or maintenance.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Scheppach MTP750 tiller. Always disconnect the spark plug wire before performing any maintenance.

- **Cleaning:** After each use, clean soil and debris from the tines, housing, and engine cooling fins.
- **Tine Inspection:** Regularly inspect the tines for wear, damage, or looseness. Replace worn or damaged tines promptly. The tiller is equipped with 24 durable steel tines.

- **Oil Change:** Change the engine oil according to the schedule in the engine manual.
- **Air Filter:** Clean or replace the air filter regularly, especially when operating in dusty conditions.
- **Spark Plug:** Inspect and clean the spark plug periodically. Replace if worn or fouled.
- **Transmission Housing:** The high-quality die-cast aluminum transmission housing requires minimal maintenance, but ensure it is free from damage and leaks.



Image 4.1: Die-cast aluminum transmission housing.

- **Storage:** For long-term storage, drain the fuel tank or add a fuel stabilizer. Clean the tiller thoroughly and store it in a dry, protected area.

TROUBLESHOOTING

This section provides solutions to common problems you might encounter with your tiller.

Problem	Possible Cause	Solution
Engine does not start	No fuel; old fuel; spark plug issue; choke setting incorrect; engine oil low.	Check fuel level and quality; inspect/clean/replace spark plug; adjust choke; fill engine oil to correct level.

Problem	Possible Cause	Solution
Loss of power during operation	Clogged air filter; incorrect throttle setting; engine overheating; dull tines.	Clean/replace air filter; adjust throttle; allow engine to cool; inspect/replace tines.
Tiller vibrates excessively	Loose tines; bent tines; unbalanced tines; loose engine mounts.	Tighten tine bolts; inspect tines for damage and replace if necessary; check engine mounts.
Poor soil cultivation	Incorrect working depth; worn or dull tines; operating too fast.	Adjust depth limiter; replace tines; reduce operating speed.

If problems persist after attempting these solutions, please contact customer support.

TECHNICAL SPECIFICATIONS

Feature	Specification
Model	MTP750
Brand	Scheppach
Engine Type	4-stroke gasoline engine
Engine Displacement	212 cm ³
Engine Power	4.2 kW / 5.7 HP
Working Width	750 mm
Working Depth	Max. 310 mm
Tine Diameter	310 mm
Number of Tines	24 steel tines
Gears	2 Forward, Neutral, 1 Reverse
Product Dimensions (L x W x H)	139 x 61 x 98 cm
Item Weight	70 Kilograms
Material	Stainless Steel, Aluminum

24 couteaux en acier



Transportable



Image 5.1: Key technical dimensions and engine specifications.



Guidon réglable en hauteur
pour un travail ergonomique

Image 5.2: Tine count and transportability feature.

WARRANTY AND SUPPORT

Scheppach products are manufactured with high-quality materials and undergo strict quality control. In the unlikely event of a defect, please refer to your purchase documentation for warranty terms and conditions.

For technical assistance, spare parts, or warranty claims, please contact your authorized Scheppach dealer or visit the official Scheppach website for customer service contact information. Please have your model number (MTP750) and serial number ready when contacting support.