



Original Instructions

3 Pcs Telescopic Electric Garden Set GM EMT 500/750 T

Article No. 95 98 89





Dear Customers

Please familiarize yourself with the proper usage of the garden tool by reading and following each chapter of this manual, in the order presented. Keep these operating instructions for further reference.

This operating instruction contains important details for handling the machine. Please pass it on along with the unit if it is handed over to a third party!

Please read the safety instructions!

These instructions will make it easier for you to handle the machine and help prevent misunderstandings and possible damage or injury.

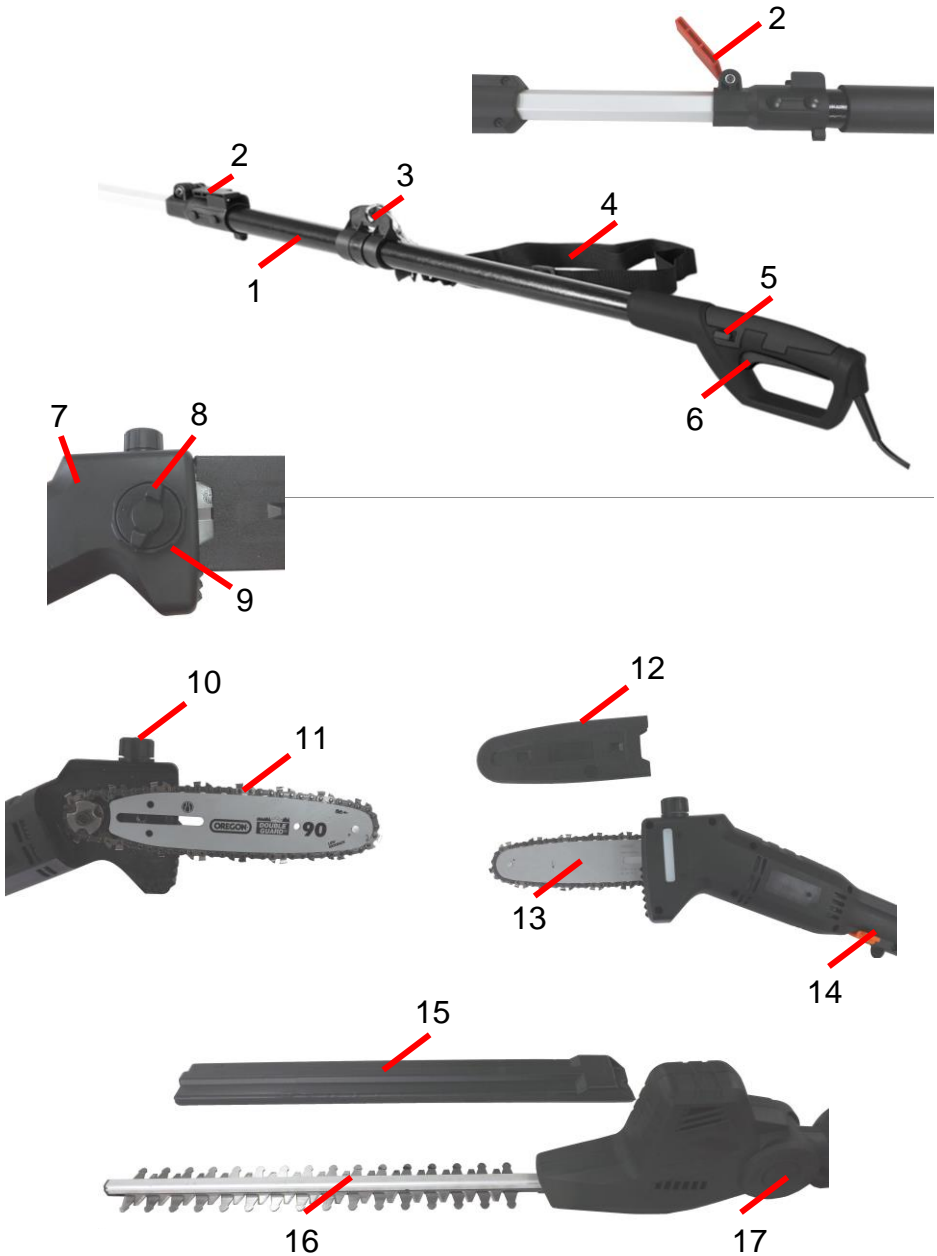
■ ■ Si prega di notare le istruzioni di sicurezza allegate!

■ ■ S'il vous plaît noter les instructions de sécurité annexés!





Overview





Overview

1	Telescoping Pole
2	Telescope Lock Lever
3	Shoulder Strap Lug
4	Shoulder Strap
5	Safety Switch
6	ON Switch
7	Sprocket Cover
8	Chain Tensioner (Inner Ring)
9	Chain Tensioner (Outer Ring)
10	Chain Oil Tank
11	Saw Chain
12	Guide Bar Protection
13	Guide Bar
14	Locking
15	Blade Bar Protection
16	Blade Bar
17	Release Button



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Safety Notes



Please note the following safety notes to avoid malfunctions, damage or physical injury:

- Please note all warning symbols. The symbols indicate instructions which are important for safety reasons. Always observe these instructions as failure to do so could result in serious injury!
- Keep the manual always ready to hand when working with the electric garden tool.
- Children and persons with limited physical, sensorial or mental abilities are not allowed to use the garden tool. The electric garden tool may only be operated by briefed persons.
- Keep bystanders and animals out of the work area. Bystanders should keep a minimum distance of 15 m when you start or operate the garden tool.
- Do not use the unit when your reactivity is affected by alcohol consumption, medication, drugs, illness or when you are tired. One moment of inattention when operating the unit can cause severe injuries.
- Do not use the garden tool as a lever for lifting, moving or splitting objects.
- Observe all accident prevention regulations.
- Cutting with the electric garden tool when standing on a ladder, in a tree or in any other instable places is not allowed. Always make sure you stand on a firm base and cannot lose balance when using the electric garden tool.
- Always inspect the electric garden tool before each use for worn, loose, or damaged parts. Never operate a garden tool that is damaged, improperly adjusted, or is not completely and securely assembled.
- While clearing the area around the tree, arrange a good foothold and a secure retreat path from falling branches and limbs.
- Make sure that the attachment stops moving when the switch is released. First shut off the garden tool and then set it down.



Safety Notes

- The garden tool may only be used by one person at a time. Make sure bystanders or animals are not in the garden tool's area of swing.
- Make sure the garden tool is not touching anything and moving free when starting the engine. Keep all parts of your body away from the cutting attachments while the engine is running. Keep the handles dry, clean and free of oil.
- Use only original accessories and original replacement parts.
- Use extreme caution when cutting small size brushes and saplings because flexible material can be jammed in the saw chain and whipped towards your body to cause injuries or pull you off balance.
- Do not modify the electric garden tool in any way.
- Do not carry the garden tool with the attachments facing forward.
- Protect the electric garden tool from moisture.
- Should the electric garden tool become damaged do not use it and have it repaired by a professional or contact our customer support department. Do not disassemble the garden tool or try repairing it yourself.

Electrical Safety

- Make sure the power cord cannot get into the cutting area. Keep the cord away from oil, heat and sharp edges.
- Never carry the gardening tool by the cord and always grasp the plug to unplug from the wall socket. Carry the gardening tool by the handle when the cutting bare is idle. Always fit the blade protection when carrying or storing the gardening tool. Careful handling with the tool reduces the risk of injury.
- Do not pull the gardening tool by the cord. Make sure the power cord cannot get caught in any way.
- When cleaning, maintaining and not in use always switch off and disconnect from power mains.



Safety Notes

- Use only extension cables which are approved for outdoor operation. Use approvable extension cable with a cable quality of H07RN-F; 3x1.5 mm². Ask your electrician.
- For using the gardening tool, we recommend the use of an RCD with a residual current < 30 mA. In Switzerland the utilisation of an RCD is obligatory.

Safety Precautions against Kickback and Pushback

Always keep the saw chain sharp. This will ensure a high level of safety against kickback and throwback. Removal of any safety devices, inadequate maintenance or incorrect mounting of the guide bar and saw chain will increase the safety risk and lead to serious injuries due to kickback.

For safety reasons do not use any other saw chain or guide bar types not specified in this manual.

- Kickback is the upward motion of the guide bar that occurs when the saw chain tip contacts a hard object. Kickback is dangerous and can lead to loss of control of the device.
- Before cutting logs, secured in position. When working on sloping ground, make sure to work facing upwards.

Personal Safety Equipment

- When working with the electric garden tool, wear eye protection, protective gloves and hearing protection. Wear cut-proof and tight-fitting clothes and safety boots. When working with the saw wear protective head gear.
- Even in case of appropriate use of the chain saw some risk remains. Potential human health hazards can be:
Cuts due to contact with an unprotected saw chain or when touching a moving saw chain or the cutter bar of the hedge trimmer.



Safety Notes – Symbol Explanation



- Attention! Observe the warning notes.
- Attention! Beware of falling objects.
- Attention! Do not grasp into the cutting bar resp. the saw chain during work.
- Immediately unplug the power cord from mains, if the cord cable is damaged or cut.
- Wear head, eye and hearing protection.
- Attention! Make sure uninvolved person cannot be injured by objects thrown from the garden tool during work.
- Wear protective gloves.
- Wear sturdy shoes.
- Protect the device from rain.
- Keep a distance of at least 15 m to uninvolved persons.
- Do not cut in the vicinity to power lines. Keep a distance of at least 15 m to voltage-carrying lines.



Mounting

Before first Use

Remove all parts of the garden set from the packaging. Keep packaging materials out of reach of small children. There is risk of suffocation!

Mounting Pole Saw/Hedge Trimmer

1. Open the locking (14) on the attachment (hedge trimmer or pole saw) and insert the telescoping pole into the opening, make sure the pole fits into the opening.
2. Fold down the locking (14) in order to securely mount both components together.



Shoulder Strap

- Always use the shoulder strap (4) when operating the garden tool.
- Mount the shoulder strap on the appropriate lug and slide the pin into the opening, as shown in the picture on the right.
- Always switch off the garden tool before opening or re-adjusting the shoulder strap. Note! There is risk of injury.



Switching ON and OFF the Motor Unit

1. Insert the power plug into the socket.
2. First push the safety switch (5) and keep it pressed. Then depress the ON switch (6) in order to switch on the garden tool.
3. Afterwards release the safety switch.
4. Release the ON switch in order to switch off the garden tool. Wait until the motor comes to standstill before setting down the garden tool.



Mounting

Mounting the Telescoping Pole

1. For pulling out the telescoping locker lever (2), first depress it slightly inwards and then lift the lever up.



2. Adjust the work length by pulling out the pole. The telescoping pole can be pulled out to a length of 570 mm.
3. After adjusting the length, push the lever back in place.
If necessary, use the included hex key to tighten the hex screw of the telescoping release lever.



Stress Relief

Hook the extension cord on the stress relief of the device. By doing this the power cord cannot be inadvertently unplugged during work.





Pole Saw

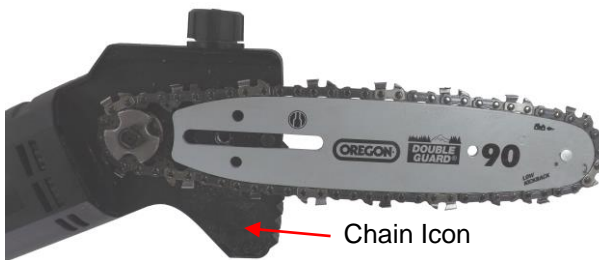
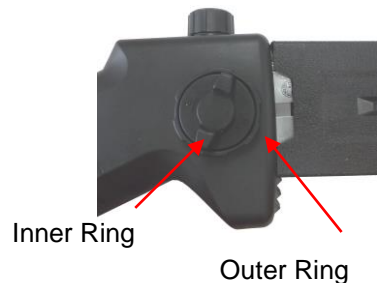
Intended Use

The pole saw is designed for cutting branches, especially in hard to reach areas.

Mounting the Guide Bar and the Saw Chain

Always wear protective gloves when mounting the saw chain (11). The saw chain is sharp! When working on the saw chain pull the power plug. There is risk of injury!

1. Place the attachment on a level surface.
2. First remove the sprocket cover (7) by screwing the **inner** ring of the chain tensioner (8) counter clockwise.
3. Slide the saw chain (11) around the chain wheel and into the slot of the guide bar (see below picture).



Observe the right chain running direction; note the chain icon on the housing. Make sure to correctly position the chain links, so the links match the chain icon.

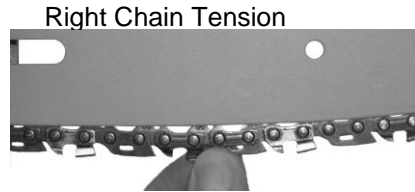
4. Re-attach the sprocket cover (7) on the motor housing and turn the **inner** ring (8) of the chain tensioner clockwise to slightly tension the guide bar.



Pole Saw

5. Now turn the **outer** ring (9) of the chain tensioner in order to tighten the saw chain.

The saw chain should be tensioned that way, so the chain is not too loose and it should be possible to lift it off the guide bar a few millimetres.



6. Now turn the **inner** ring of the chain tensioner in order to fix the saw chain in this position

Hints:

- Only use sharp chains. Dull chains can easily get jammed. While working with new chains, regularly check the chain tension because new chains can lengthen considerably upon initial operation.
- The service life of a saw chain mainly depends on sufficient lubrication and correct tensioning.
- During operation, the saw chain heats up, and tensioning may be necessary. Slacken the chain after use so it will not be too tight after cooling down.
- Do not tension an overheated chain. After cooling down, the chain may shorten and become over tensioned. Before tensioning the saw chain, wait until it has cooled down.
- The tension of the saw chain is important for your safety and for the function of the equipment. A correctly tensioned saw chain increases the durability of your gardening tool.
- Check the chain tension before each use of the gardening tool.
- The saw chain is correctly tensioned if it can be pulled around the blade by hand without sagging (wear protective gloves).
- For new saw chains, the chain tension must be re-adjusted again after a short time of operation.



Pole Saw

Filling Chain Oil

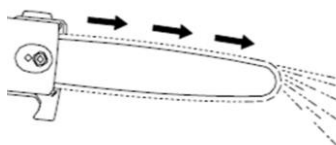
1. Unscrew the cap of the oil tank (10) and fill in suitable chain oil.
2. Wipe the tank clean and close the oil tank with the cap.

Hints:

- Do not operate the pole saw without sufficient chain lubrication. Insufficient lubrication will shorten the service life of the saw chain and the guide bar.
- The gardening tool is equipped with automatic oiling mechanism. As soon as the motor is running, the oil flows to the guide bar. Regularly check the oil level in the tank and re-fill with oil in time.
- Only use biodegradable chain oil (e.g. Westfalia Biological Adhesive, article number 76 63 78). Pour the chain oil into the oil tank. Do not use motor oil or other mineral oils.
- Clean the filler cap and the area around it to avoid contaminating the oil tank.
- If the oil level in the tank does not drop, the oil duct in the housing and the guide bar may be clogged. Check and clean it as needed.
- Caution! The saw can re-oil. Please note that the saw re-oils after use and oil may leak out if it is stored on its side or on the head. This is a normal process.

Checking the Chain Lubrication

- Hold the running chain saw about 15 cm over a suitable surface for a few moments. If the oil thrown from the chain forms a slight track on the surface the lubrication is sufficient.



- Do not use the pole saw if the lubrication is insufficient.

Operation

Observe the country-specific and local authority regulations. Do not work during commonly accepted or mandatory rest periods.

- Before starting the gardening tool, check:



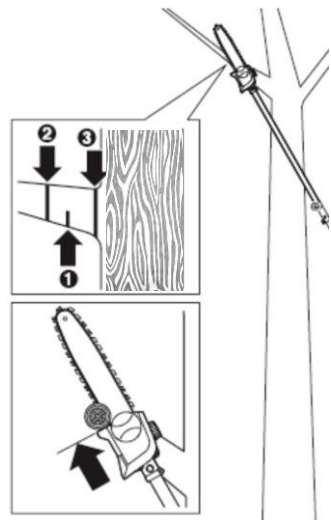
Pole Saw

- the tension of the saw chain,
- the oil level,
- Wear suitable protective clothing.
- Adjust the working length (using the telescoping pole).
- Put on the shoulder strap.
- Check you are standing safely and check your working surroundings.

There is no need to force the pole saw into the cut. Run the motor and only lightly press on the tool. If the saw jams in the cut, do not try and pull the tool out by force.

Cutting Branches – Cutting thick Branches on a Tree

- When cutting off larger branches, you should first cut into the branch from below. First cut into the branch from below outside the place where you intend to cut off the branch. The cut should go from one third to halfway through the branch (step 1). This prevents the branch from buckling when you cut into the branch from the top outside the first cut (step 2).
- Finally, cut off the stump with one clean cut (step 3).
- Before you start cutting, attach the branch at the limit stop of the saw.



Maintenance of the Pole Saw

ATTENTION! First disconnect to motor unit from power mains before undertaking maintenance.

Always wear gloves while maintaining or cleaning the unit.



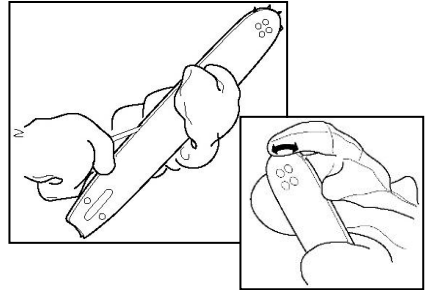
Pole Saw

Maintenance of the Guide Bar

Remove the guide bar and clean the oil filler hole with a brush or blow it out with compressed air. If the oil tank is contaminated, clean out rough dirt.

When the guide bar is dismantled, remove sawdust in the guide bar.

Lubricate the nose sprocket from the feeding port on the tip of the guide bar.



Reverse the guide bar occasionally to prevent partial wear.

Maintenance of the Saw Chain

ATTENTION! For safe and proper operation the cutting teeth of the saw chain must always be kept sharp.

The saw teeth must be sharpened when the saw dust takes on a powder-like consistency, excessive force is needed to force the saw into the cut, the chain does not cut straight or if vibration increases.

Dull chains should be sharpened by a skilled expert.



Pole Saw

Technical Data

- Rated Voltage: 230 V~ 50 Hz
- Power: 750 W
- Protection Class II
- Reachable Work Height max. 2.15 m
- Power Cable Length: 350 mm
- Chain Oil Tank Capacity: 90 ml
- Guide Bar Length: 270 mm (8") 0.05" = 1.3 mm (M1500836-1041TL)
- Saw Chain: Titan 3/8" LP-1,3"-36 (Art. 96 07 56)
- Chain Speed: 11 m/s
- No-Load Speed: 5800 min⁻¹
- Weight Pole Saw 1900 g
- Weight Pole Saw + Telescoping Pole: 3090 g
- Sound Pressure L_{pA}: 93 dB (A)
- Sound Power L_{wA}: 100 dB (A)
- Hand Arm Vibration: 2.2 m/s² K=1.5 m/s²



Hedge Trimmer

Intended Use

Use the hedge trimmer only for the intended use to cut leaves, bushes, shrubs and hedges. Do not cut thick branches or similar material. The tool is to be used only for its prescribed purpose. Any other use is deemed to be a case of misuse.

Adjusting the vertical Working Position

1. Press the release button (17) to adjust the desired angle setting of the motor housing.
Hold the release button pressed and move the hinge element up or downwards.
2. Release the release button (17) in order to fix the desired angle setting.
The motor housing is vertically pivotable up to 5 positions (30°, 0°, 30°, 60°, 90°).



The Cutting Bar

Notice! After shutting down the engine the blades of the cutting bar may not immediately come to a standstill. Always wait for the blades to stop moving before setting the unit down.

Working with the Hedge Trimmer

- Before cutting bushes, scrubs or hedges, remove thick branches or similar material. Cut them out with the pole saw.
- Make sure that there are no small animals hidden in the bushes or hedges.
- There are different cutting techniques and certain seasons to be observed when trimming hedges or bushes. For detailed information see appropriate technical literature.
- Please note the local rest periods when working with the hedge trimmer in order to avoid disturbances.

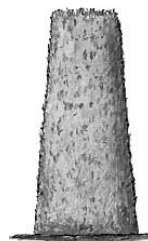


Hedge Trimmer

- Please also note that it may not be legal to trim hedges year round in your area for the protection of animals.
- Before cutting, inspect the area that the hedge trimmer will be used in. Make sure not to touch hard objects such as fences, poles, stones etc. This may cause damage to the cutting bar.
- If the hedge trimmer becomes jammed, never attempt to remove cut material from the blade bar while the engine is running. First stop the engine and then carefully remove the obstruction.
- Do not press down the hedge trimmer while cutting. Always avoid overloading the engine. Do not try to cut thick branches or to force the blade bar through the surface to be cut.

Hints on Trimming Hedges

- If a hedge has to be cut back very substantially, trim the hedge in two passes.
- First cut the hedge to the desired height and stretch a string along the hedge at the desired height. Guide the blades of the hedge trimmer at an angle of 10 – 15° to the hedge in order to get a straight cut.
- Trim the hedge to a trapezoidal shape cutting from the bottom to the top.
- Round the top edges of the hedge.
- Finally trim the bottom edges back. Appropriately dispose of cut materials.



correct

Maintenance

ATTENTION! Unplug the hedge trimmer before cleaning or maintaining.

Always wear gloves during maintenance.

Lubricating the Hedge Trimmer

Lubricating the Cutting Bar

- Do not operate the hedge trimmer without a sufficiently lubricated



Hedge Trimmer

angle drive. Insufficient lubrication will shorten the service life of the unit.

- It is advisable to lubricate the angle drive regularly. Use Lithium machine grease. Suitable grease and grease guns can be purchased from Westfalia.

Cleaning the Cutting Bar

- Remove dirt from the blade bar with a scrubbing brush or a small hand broom.
- To remove rosin residues, mix some paraffin and engine oil and wipe off the blade bar (mixture ratio Paraffin : Engine Oil = 50 : 50).
- Preferably lubricate the blade bar every 4 hours of operation. Apply a few drops oil into the opening at the bottom side of the cutting bar.

Sharpening the Cutting Bar

- The blades of the cutting bar must regularly be checked for wear and sharpened if necessary. Dull blades will overload the hedge trimmer.
- Have worn cutting bars be sharpened by a skilled expert.



Hedge Trimmer

Technical Data

- Rated Voltage: 230 V~ 50 Hz
- Power: 500 W
- Protection Class: II
- No-Load Speed: 1600 min⁻¹
- Tooth Pitch: 18 mm
- Max. Cutting Strength: 18 mm
- Blade Bar Length: 460 mm
- Max. Cutting Length: 410 mm
- With 5 fold adjustable Trimming Head (30°, 0°, 30°, 60°, 90°)
- Weight Hedge Trimmer: 2390 g
- Weight Hedge Trimmer + Telescoping Pole: 3490 g
- Sound Pressure L_{pA}: 84 dB (A)
- Sound Power L_{wA}: 92 dB (A)
- Hand Arm Vibration: 4.88 m/s² K=1.5 m/s²



Cleaning Hedge Trimmer/Pole Saw

Cleaning

- Clean the outside of the units carefully with a cloth and a brush. Do not use abrasives or aggressive chemicals to clean the unit. Regularly remove grass and residue from the units. Grass residue inside the protective hood may be very compact. Use a suitable piece of wood or plastic to remove them.

Transport

- Always turn the unit off when carrying or transporting it. Do not carry the unit with running attachments!
- Always carry the unit with the attachments facing backwards.

Storing

- Clean the gardening tool carefully before storing and use oil to preserve it against corrosion.
- Store the gardening tool in a dry place away from sunlight.
- Store the garden tool indoors in a dry and dust-free place. Protect the machine from dirt.
- Before storing the unit for longer periods of time, empty the oil tank of the pole saw. Store the oil in a suitable container.



Notes



Notes



EU-Declaration of Conformity

We, the **Westfalia Werkzeugcompany, Werkzeugstraße 1, D-58093 Hagen**, declare by our own responsibility that the product

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is according to the basic requirements, which are defined in the European Directives and their amendments.

2011/65/EU Restriction of the Use of certain hazardous Substances in electrical and electronic Equipment (RoHS)

2014/30/EU Electromagnetic Compatibility (EMC)

EN 55014-1:2017+A11, EN 55014-2:1997+A1+A2+AC,
EN 61000-3-2:2014, EN 61000-3-3:2013

2006/42/EC Machinery

EN 60745-1:2009+A11, EN ISO 10517:2009+A1,
EN ISO 12100:2010, EN ISO 11680-1:2011,
EN 62841-1:2015+AC

2000/14/EC Outdoor Directive (100 dB L_{WA})

The technical documentations are on file at the QA department of the Westfalia Werkzeug-company.

Hagen, 13th of October 2021

(Thomas Klingbeil, QA Representative)



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Disposal

Dear Customer,

Please help avoid waste materials.

If you at some point intend to dispose of this article, then please keep in mind that many of its components consist of valuable materials, which can be recycled.

Please do not discharge it in the rubbish bin, but check with your local council for recycling facilities in your area.