

## HG 18 LTX 500



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# Original instructions

## 1. Declaration of Conformity

HG 18 LTX 500 (Serial Number: 10502.):

We hereby declare at our sole responsibility that this product conforms to the standards and normative documents mentioned:

EN 60335-1:2012+A11:+A13:2017, EN 60335-2-45:2002+A1:2008+A2:2012, EN IEC 63000:2018, 2014/35/EU, 2014/30/EU, 2011/65/EU

*B.F.*

Bernd Fleischmann, 2021-03-29

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### For UK only:

**UK** We as manufacturer and authorized person to  
**CA** compile the technical file, see above,  
hereby declare under sole responsibility that this product, identified by type and serial number (see above), fulfill all relevant provisions of following UK Regulations 2014/30/EU, 2014/35/EU, 2011/65/EU and Designated Standards EN 60335-1, EN 60335-2-45, EN IEC 63000:2018.

## 2. Specified Use

The hot air gun is suitable for the following tasks: Removal of old paint coats, drying of freshly applied paint, thawing of frozen water lines, heating of plastics prior to forming, soldering (e.g. of copper lines), gluing and jointing with hot-melt-type adhesives, welding of plastics.

The user bears sole responsibility for any damage caused by improper use. Generally accepted accident prevention regulations and the enclosed safety information must be observed.

## 3. General Safety Instructions



**WARNING** – Reading the operating instructions will reduce the risk of injury.



**WARNING Read all safety warnings and instructions.**

*Failure to follow all safety warnings and instructions may result in electric shock, fire and/or serious injury.*

**Keep all safety instructions and information for future reference.**  
Before using the power tool,

carefully read through and familiarise yourself with all the enclosed safety information and the Operating Instructions. Keep all enclosed documentation for future reference, and pass on your power tool only together with this documentation.

## 4. Special Safety Instructions



For your own protection and for the protection of your power tool, pay attention to all parts of the text that are marked with this symbol!

Never look inside the outlet tube!

Never use the hot air gun for drying your hair!

Always wear goggles and work-gloves!

Pay attention when using the hot-air fan near flammable materials. The device must not be used if explosive gases are present.

This device can be used by children from 8 years of age and, in addition, by persons with impaired physical, sensory or mental ability or lack of experience or knowledge if they are supervised or have received induction training on the use of the device and understand the associated risks. Children may not play with the device. Cleaning and user maintenance may not be performed by children unless supervised.

Risk of burns: Never touch the hot outlet tube.

Never use power tools when damp, or in a damp or wet environment.

Take special care when using tools near combustible materials. Never direct at the same point for long periods.

Heat can be directed to concealed combustible materials.

Never direct the hot air gun at highly flammable materials! Fires can be caused if the hot air gun is not used with great care.

Never leave the tool unattended when it is running.

After long periods of use at maximum temperature, the temperature should be lowered before the tool is switched off. This lengthens the service life of the heater.

Place the tool on the bases provided following use and wait until it has cooled down before placing in storage!

Store your tools in a safe place.

Unused tools should be stored in a dry, locked room inaccessible to children.

Always take care where there are toxic gases and a risk of explosion.

Toxic can be created when working on plastics, paints and similar materials. Risk of fire and combustion!

Only use the hot air gun in well-ventilated rooms!

Never inhale the vapours created!

For your own safety, only use accessories and auxiliary devices

specified in the Operating Instructions or recommended or specified by the tool manufacturer. The use tools or accessories other than those recommended in the Operating Instructions or in the catalogue can result in a risk of injury.

Remove the battery pack from the machine before making any adjustments, changing tools, maintaining or cleaning.

Make sure that the tool is switched off before fitting the battery pack.

Hold the machine when removing and inserting the battery pack so that the on/off switch cannot be unintentionally pressed.

If the machine is defective, remove the battery pack from the machine.



Protect battery packs from water and moisture!



Do not expose battery packs to fire!

Do not use faulty or deformed battery packs!

Do not open battery packs!

Do not touch or short circuit battery pack contacts!



A slightly acidic, flammable fluid may leak from defective Li-ion battery packs!



If battery fluid leaks out and comes into contact with your skin, rinse immediately with plenty of water. If battery fluid leaks out and comes into contact with your eyes, wash them with clean water and seek medical attention immediately!

## Transport of li-ion battery packs:

The shipping of li-ion battery pack is subject to laws related to the carriage of hazardous goods (UN 3480 and UN 3481). Inform yourself of the currently valid specifications when shipping li-ion battery packs. If necessary, consult your freight forwarder. Certified packaging is available from Metabo.

Only send the battery pack if the housing is intact and no fluid is leaking. Remove the battery pack from the machine for sending. Prevent the contacts from short-circuiting (e.g. by protecting them with adhesive tape).

### 5. Overview

See page 2.

- 1 Stainless steel blow-out pipe
- 2 Detachable protective tube (bayonet closure; for areas that are difficult to access)
- 3 Transport eyelet (Use only to transport the machine)
- 4 Air inlet
- 5 Trigger
- 6 Switch-on lock: To lock the trigger (5) to prevent the tool from switching on inadvertently.
- 7 LED work light and signal indicator
- 8 Capacity and signal indicator
- 9 Capacity indicator button
- 10 Buttons for setting the temperature
- 11 Battery pack release button
- 12 Battery pack

### 6. Commissioning

#### Battery pack

Charge the battery pack (12) before use.

If performance diminishes, recharge the battery pack.

Instructions on charging the battery pack can be found in the operating instructions of the Metabo charger.

Li-Ion battery packs "Li-Power, LiHD" have a capacity and signal indicator (8):


- Press the button (9), the LEDs indicate the charge level.
- If one LED is flashing, the battery pack is almost flat and must be recharged.


#### Removing and inserting the battery pack

**Removal:** Press the battery pack release (11) button and pull the battery pack (12) **forwards**.

**Inserting:** Slide in the battery pack (12) until it engages.

### 7. Use

 The distance to the object being processed depends on the material and intended processing type. Always first carry out an inspection of air volume and temperature! The attachable nozzles (see chapter 11.) available as accessories can be used for precise hot air control to a specific point or a surface.

 Take care when changing hot nozzles! Danger of burns.

The sliding switch (5) can be used to switch the tool on and off and with the button (10) you can select between 2 temperature stages. LED lights up.

**Stage 1:** 300 °C, 200 l/min

**Stage 2:** 500 °C, 160 l/min

### 8. Transport

Remove the battery pack from the device to transport the device.

### 9. Maintenance

The air inlet (4) must be free of foreign bodies. Clean the air inlet (4) if necessary.

### 10. Troubleshooting

LED flashes if the battery pack performance is too low (battery pack not suited or not charged)

The thermal fuse switches the tool off completely in the event of overloading. See Section 12.

### 11. Accessories

Use only original Metabo or CAS (Cordless Alliance System) battery packs and accessories.

Use only accessories that fulfil the requirements and specifications listed in these operating instructions.

- A Battery packs with different capacities. Buy battery packs only with voltage suitable for your power tool.
- |            |           |               |
|------------|-----------|---------------|
| Order no.: | 625367000 | 4.0 Ah (LiHD) |
| Order no.: | 625368000 | 5.5 Ah (LiHD) |
| Order no.: | 625369000 | 8.0 Ah (LiHD) |
- etc.  
Recommended capacity 4.0 Ah and greater.

Order no.:	<del>625578000</del>	<del>3,0 Ah (Li-Power)</del>
Order no.:	<del>625596000</del>	<del>2,0 Ah (Li-Power)</del>
Order no.:	<del>625589000</del>	<del>1,5 Ah (Li-Power)</del>
Order no.:	<del>625418000</del>	<del>1,5 Ah (Li-Power)</del>
Order no.:	<del>625582000</del>	<del>1,3 Ah (Li-Power)</del>

## en ENGLISH

B Chargers: ASC 55, ASC 145, etc.

If you need any accessories, check with your dealer.

For the dealer to select the correct accessory, he needs to know the exact model designation of your power tool.

For the complete range of accessories, see [www.metabo.com](http://www.metabo.com) or the main catalogue.

### 12. Repairs

 Repairs to electrical tools must ONLY be carried out by qualified electricians!

Contact your local Metabo representative if you have Metabo power tools requiring repairs. For addresses see [www.metabo.com](http://www.metabo.com).

You can download a list of spare parts from [www.metabo.com](http://www.metabo.com).

### 13. Environmental Protection

Observe national regulations on environmentally compatible disposal and on the recycling of disused machines, packaging and accessories.

 Only for EU countries: never dispose of power tools in your household waste! According to European Directive 2012/19/EU on Waste from Electric and Electronic Equipment and implementation in national law, used power tools must be collected separately and recycled in an environmentally-friendly manner.

### 14. Technical Specifications

#### HG 18 LTX 500

Air temperature: Stage 1:.....300 °C  
Stage 2:.....500 °C

Air volume: Stage 1:..... 200 l/min  
Stage 2:..... 160 l/min

Thermal protection: Thermal fuse

Weight 686 g (24.2 oz)

Sound pressure level:< 70 dB (A)

Vibration: < 2.5 m/s<sup>2</sup>

Changes due to technological progress reserved.  
Values measured as per EN 62841.

Permitted ambient temperature during operation:  
-20 °C (-4°F) to 50 °C (120°F) (limited performance with temperatures below 0 °C (32°F)). Permitted ambient temperature for storage: 0 °C (32°F) to 30 °C (86°F).

== Direct current

The technical specifications quoted are subject to tolerances (in compliance with relevant valid standards).