

AUTOLIFT



USER MANUAL

Thank you!

We hope you'll love your new AUTOLIFT3000.

If you have any additional questions, or need product support:

- › please visit
www.autoliftproduction.com
- › or write us to
info@autoliftproduction.com



Read these instructions carefully before assembling and using the product.

The manufacturer is not responsible for any injury or damage caused by improper assembly or usage of this product. Follow all safety and other instructions contained in this manual in all circumstances.

Always keep the instruction manual nearby. You can find it also online at www.autoliftproduction.com.

Follow all safety and other instructions contained in this manual in all circumstances.



Technical Parameters

| | |
|-----------------------|--|
| Capacity | 3,000 kg / 6,614 lbs |
| Dimensions | 1635 x 1300 x 115 mm 64.5 x 51.25 x 4.50 inch |
| Net Weight | 45 kg / 99 lbs |
| Max. Height | 60 cm / 23,50 inch |
| Lifting Speed | 25 - 30 s |
| Platform Width | 1300 mm - 1650 mm 51.18 - 64.96 inch |



Contents of the Package

Standard version

- AUTOLIFT3000 (lifting frame)
- Box A - set of platforms
- Box B
 - set of axis bolts (2x axis bolt, 4x washer A21, 4x bushing, 4x lock nut M20)
 - set of red caster wheels and fasteners (3x red caster wheel, 12x screw M5x16, 12x lock nut M5)
 - set of drill square adaptors with safety pin (4x drill square adaptor, 1x safety pin)
- Box D - set of beam pads (2 pcs)

Premium version

- AUTOLIFT3000 (lifting frame)
- Box A - set of platforms
- Box B
 - set of axis bolts (2x axis bolt, 4x washer A21, 4x bushing, 4x lock nut M20)
 - set of red caster wheels with spacing washers and fasteners (3x red caster wheel, 3x spacing washer, 12x screw M5x16, 12x lock nut M5)
 - set of drill square adaptors with safety pin (4x drill square adaptor, 1x safety pin)
 - set of wall hangers (2 pcs)
- Box C - set of rails for uneven surfaces (2 pcs)
- Box D - set of beam pads (2 pcs)
- Box E – car stand support (1 pc)

Product Assembly

The needed tools:

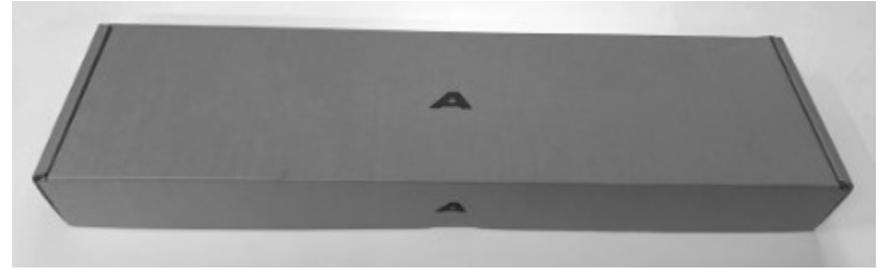
- › 8 mm metric combination wrench
- › phillips screwdriver
- › 2x 30 mm combination wrench for the lock nuts M20
- › hammer
- › combination pliers
- › snapp-off knife or scissors

First things first

- › Check the content/completeness of the package (see the section “Contents of the Package” here above).
- › Remove all boxes from inside the package and stack them outside the lifting frame.
- › Cut the plastic strip holding the lifting frame and keep the final checkout certificate.



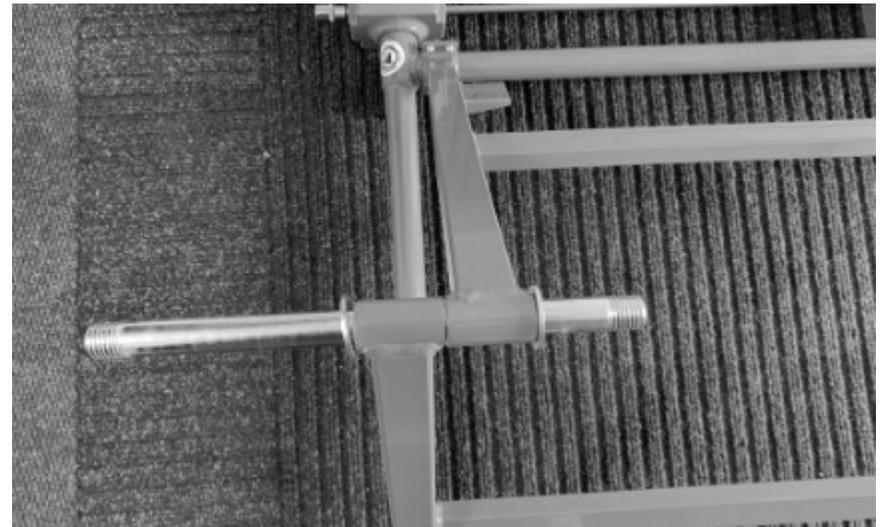
Unpack box A and prepare the platforms.



Unpack the box B and prepare the set of axis bolts.



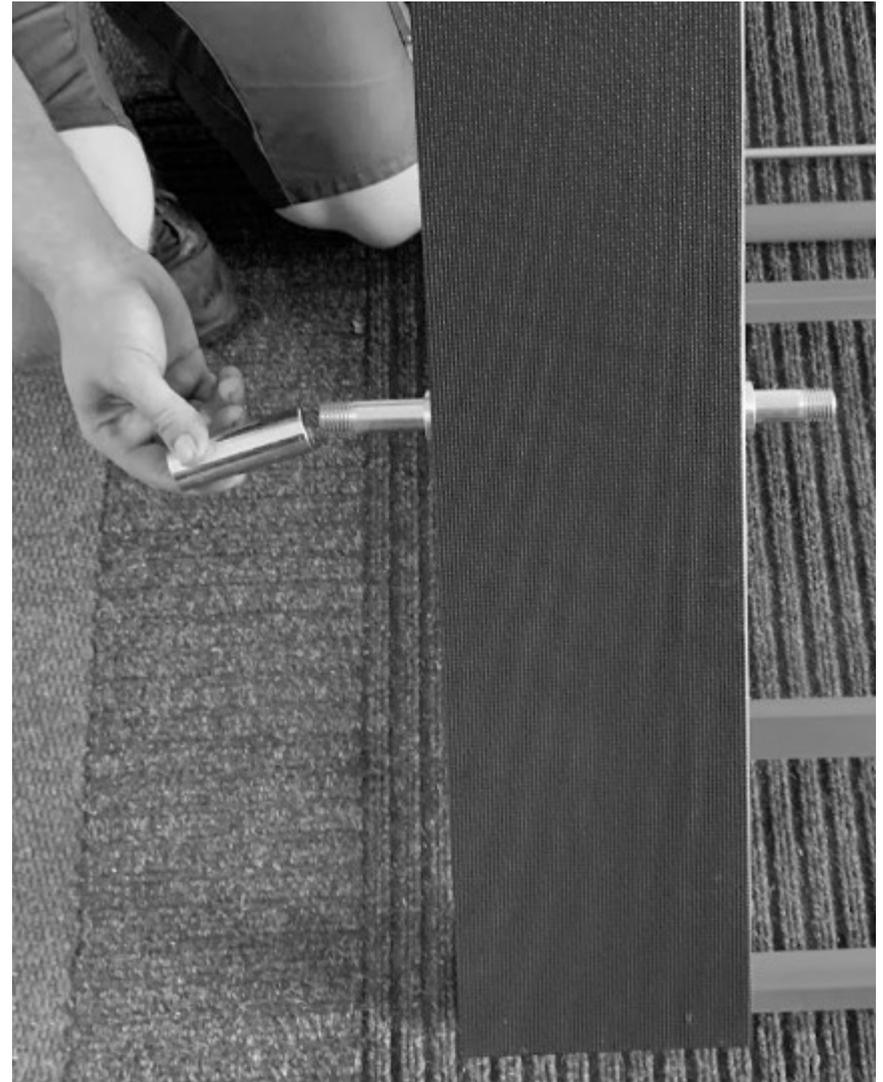
Lift both arms of the frame to the same height and insert the axis bolt through both holes of the frame. Slide the A21 washers onto both sides of the axis bolt.



Slide the platform onto the axis bolt, first from the outside, then from the inside.



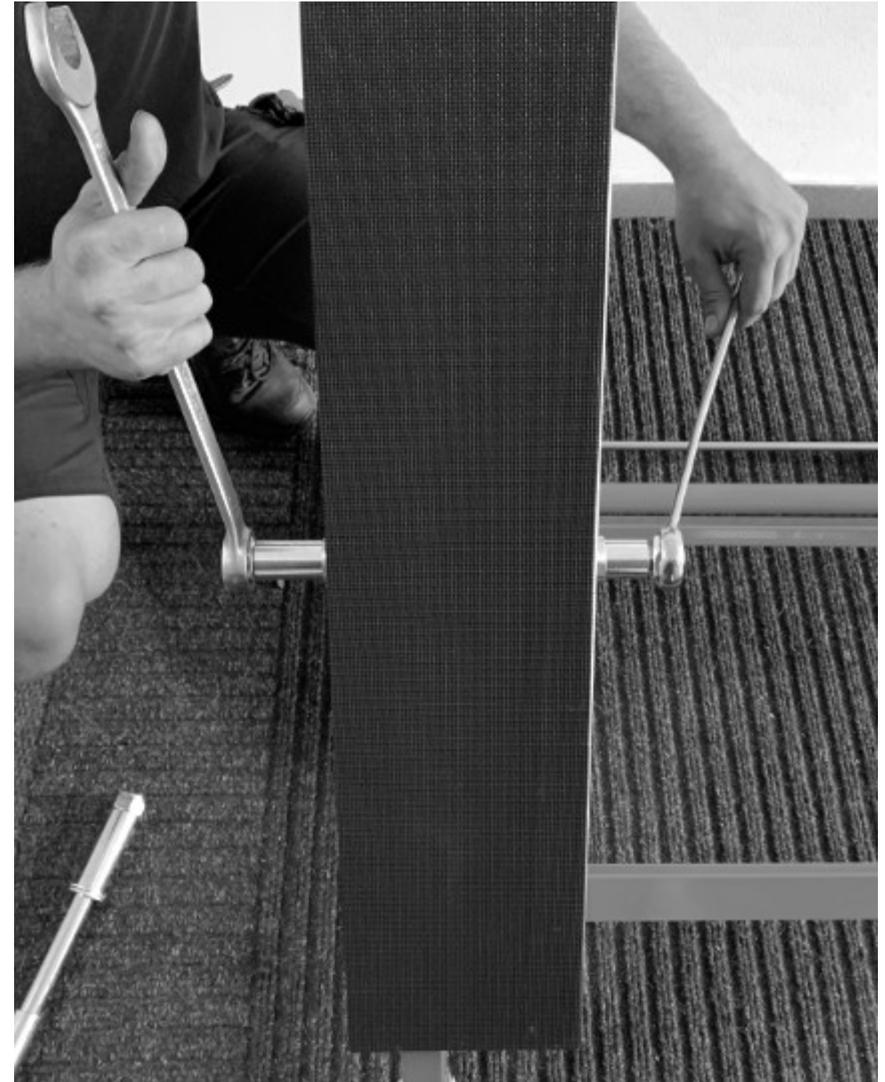
Slide the bushings onto the axis bolt from both sides.



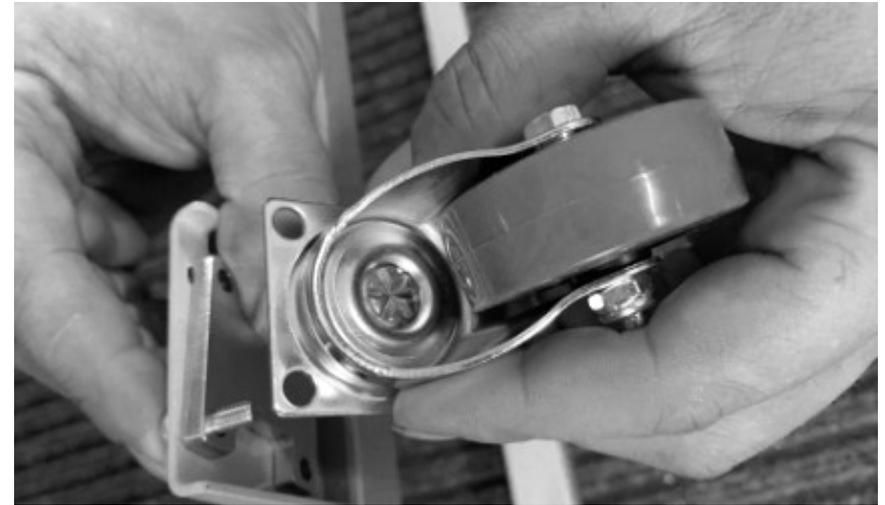
Screw the nut onto both sides of the axis bolt and tighten securely with a 30 mm wrench.



Apply the same technique for installing the platform on the other side of the lifting device.



Prepare the red caster wheels (box B).



Install the caster wheels on the frame, spacing washers included.

Especially, if you have the Premium version and will be using the "Rails for uneven surface".



Prepare the drill adaptors and the safety pin (box B).



Insert one of the adaptors into the drill. The rest of the adaptors should be carefully saved.

We recommend to attach the safety pin to the drill by the chain (this avoids forgetting the safety pin in the safety system when lowering the lifting device).



Lower the lifting device to the starting position.

Lower the lift to the starting position with the drill. Observe the direction of rotation of the drill and the arrows on the gearboxes of the lift.

Lower the lifting device slowly and stop the drill in time!



After the first few uses, excess lubricant may appear on the moving system of the lifting device.

This lubricant does not indicate any malfunction!



Wipe it off with a clean, dry cloth, avoiding contact with clothing or skin.



Operating the AUTOLIFT3000

Positioning of the lifting device

Slide the lifting device in starting position under the vehicle so that the gearboxes face the engine. Align and center the lift under the vehicle on the longitudinal axis. Position the support platforms symmetrically under the vehicle sill braces. Check that the platforms do not touch any fragile parts of the vehicle. If necessary, beam pads can be used to define the height.

To lift the front of the vehicle, position the lifting device so that the gearboxes almost touch the front wheels (for vehicles with a front engine). To lift the rear of the vehicle, move the lifting device a few centimetres backwards so that the centre of gravity moves forward.

Make sure you are lifting an unibody vehicle! The AUTOLIFT3000 is not designed for lifting body on frame vehicles!

Lifting

Carefully tighten the drill adapter in the drill. Then insert it into the gearbox outlet. Make sure that the drill is set to first speed and the impact is switched off. Start the drill in the right-hand direction (clockwise) and hold it firmly. Always follow the symbols on the stickers located near the gearboxes which indicate the rotation of the drill. Always make sure that the drill head rotates in the desired direction.

Lift the vehicle slowly and make sure that no deformation is occurring (if you suspect that something like this may be happening, lower the vehicle back and adjust its position on the lifting device). Never exceed the maximum lift height marked with red **STOP** tape!

After reaching the required or maximum height, secure the lift with the safety pin. Before starting the work, make sure that the vehicle is stable on the lift and cannot flip or slide. Always secure the vehicle with a car stand support.

Never exceed the maximum lift height marked with red **STOP** tape!

Positioning of the lifting device for tilting the vehicle

To tilt the vehicle, it is necessary to lift it at its centre of gravity. For front-engined vehicles, position the lifting device so that the gearboxes almost touch the front wheels; for a family minivan, leave a distance of 7-10 cm; for rear-wheel drive vehicles, leave a distance of approx. 25-30 cm between the gearboxes and the front wheels. The tilting of the vehicle is done manually.

TIP for fast finding car's point of gravity: Place the lifting device about 10 cm from the wheels of the engine axle. Raise the vehicle to a position where one of the axles of the vehicle is lightened to a height of approximately 10 cm. At this point try to tilt the vehicle. If tilting is difficult or not possible at all, return the lifting device to its initial position. Move it closer to the axle of the car that has remained on the ground. This step should lighten the axle and you should be closer to the centre of gravity. Repeat the procedure until tilting of the car becomes easy.

Tilting

In case of tilting, remove the car stand support. Take the vehicle by its solid part to avoid any damage. Always hold the vehicle when tilting so that no sudden movements can occur. Always consider the height of the ceiling when tilting the vehicle. Ensure that the tilting is smooth and always restrained by the operating person. When the tilting is finished, re-secure the vehicle with the car stand support.

Lowering

Before lowering the lifting device, make sure that you removed the car stand support. Remove the safety pin from the safety system. If you forget to remove the safety pin, there is a risk of serious damage to the lifting device.

When lowering the lifting device, always follow the symbols on the stickers located near the gearboxes that indicate the rotation of the drill.

Always make sure that the drill head rotates in the desired direction. Lower the vehicle to a position when the weight of the vehicle rests on its wheels and the lift can be easily removed from the side of the vehicle. Always stop the drill in time and never continue lowering the lifting device when you reach the lower position!

Always lower the vehicle slowly! When the lift reaches the lower position, switch off the drill immediately! Failure to do so may result in injury or serious damage to the equipment for which the manufacturer is in no way responsible.

Storage

This lift should be stored in position on gearbox lids or hanging on the wall (see accessories).

Safety instructions

Do not exceed the allowed capacity. Only lift vehicles with unibody construction! Do not use air or impact tools which harm the gears, all tools of this type are strictly prohibited! Use a manual electric drill with a minimum torque of 55 Nm at low rotation speed, always in first gear. Use the lifting device on a flat and solid surface that provides sufficient support.

Secure the lifting device with a safety pin. It is forbidden to work under the vehicle without using a car stand support. Never drive onto the AUTOLIFT3000. Do not use the AUTOLIFT3000 if it is damaged in any way. It is forbidden to perform any modification, repair, service or maintenance (including checking or adding lubricants or opening gearboxes) on the AUTOLIFT3000. The AUTOLIFT3000 is made exclusively for lifting vehicles. Any other use is prohibited.

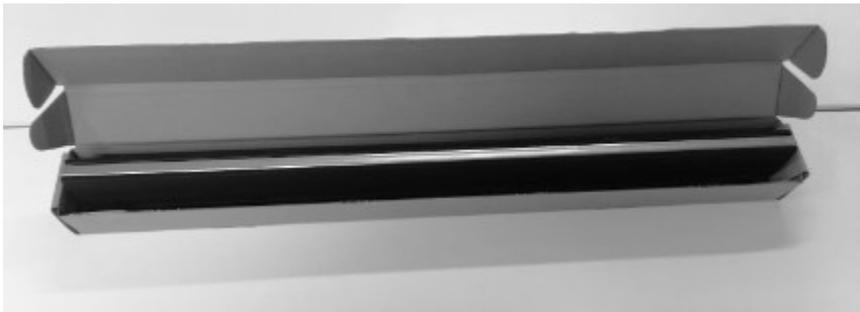
It is forbidden to perform any modification, repair, service or maintenance on the lift.

Setting Up and Usage of Accessories

Beam pads (box D)



Open box D and remove the beam pads.



Beam pads must always be lying with the entire surface on the platform.

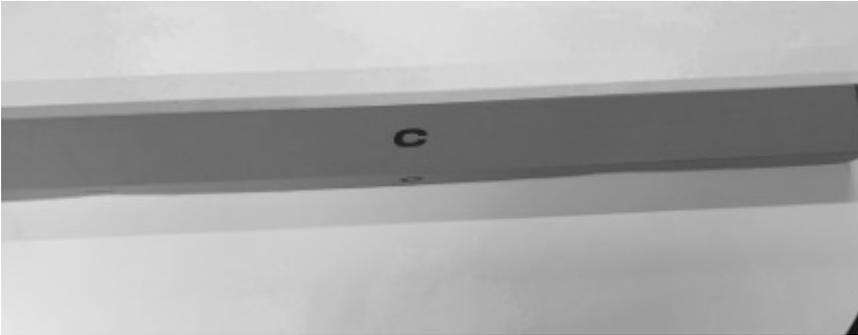
Beam pads are designed for lifting vehicles with uneven or fragile undercarriage parts, where the pad fills the gap between the platform and the solid part of the undercarriage.

The manufacturer is not responsible for any damage caused by the improper use of this accessory.



Rails for uneven surface (box C) - Premium

Open box C



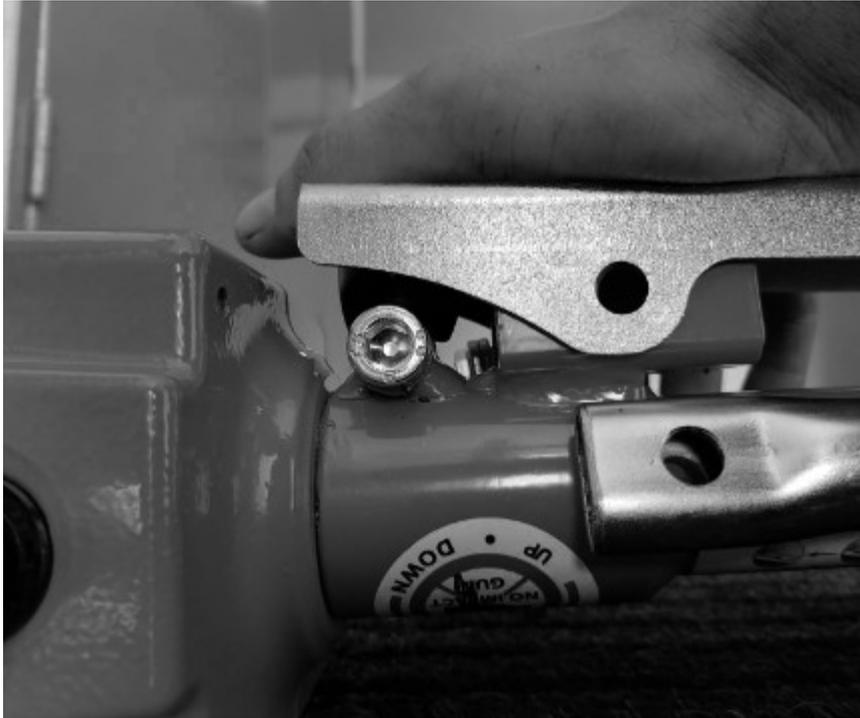
Turn the lift so that the platforms lie on a flat and clean surface.

First assemble that side, where the safety system is installed.

Using combination pliers, remove the cotter pin from the pin, remove the spacer and flat washer and slide out the safety system tube.



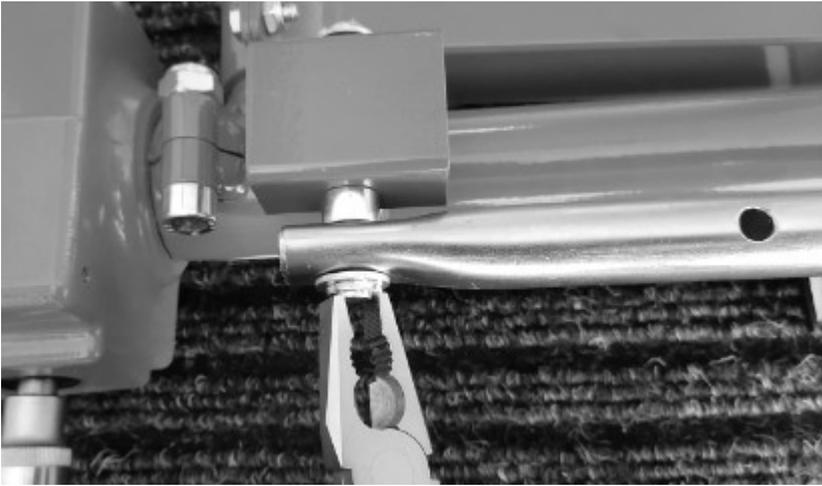
Place one of the rails for uneven surfaces on the lift, ensuring that the holes are accessible from both sides (do not be afraid to push the rail with force).



Insert the pin included in the Rails for uneven surfaces accessory through both holes and slide the spacer onto it.



Slide the safety system tube back onto the pin, add the flat washer and re-secure it with the cotter pin.



Apply the same procedure on the other side of the lifting device.

There is no safety system on the other side, so just attach the second rail for uneven surface to the lifting device and secure with a cotter pin.

Ensure that both running wheels always move in the middle of the rails for uneven surface.

Rails for uneven surface are recommended for all uneven floors, outdoor uneven terrain, indoor polished floors or painting booths.



Car stand support (box E) - Premium

Open box E



Unfold the car stand support to a stable position, adjust its height and **secure it with the safety pin.**



Use the car stand support to secure the lifted vehicle in the tilted position.

Always place the car stand support against the strong points of the undercarriage.



Set of wall hangers (box B) - Premium

Unpack the set of wall hangers (box B).



Find a suitable free space on the wall.

For easier handling, we recommend to fix the hangers at a height that is not too high off the floor (recommended height approx. 145 cm/57 inch above the floor).

Warranty

The warranty period of the lifting device is 3 years from the date of sale.

The warranty period of the accessories is 12 months from the date of sale.

The manufacturer is only responsible for manufacturing defects. Any defects or damage caused by failure to follow the instructions and procedures in this manual are not covered by the warranty.

The manufacturer is not liable for any defect, loss, injury or damage caused by violation or failure to follow the instructions in this manual.

In the case of a claim or to apply the warranty, it is necessary to provide proof of purchase of the product.

A list of certain damages not covered by warranty:

Failure to remove the safety pin from the safety system when lowering the lifting device.

Risk of deformation of the safety system or frame and damage to the gearing.



Exceeding the maximum permitted upper lift, marked with red tape with the STOP!
Risk of damage to the lifting gear drive.



Exceeding the minimum permitted lower limit.

Risk of damage to the lifting gear drive.



The usage of air/pneumatic/impact tools or tools having shocks.

Damage to the lifting gear drive.



Warranty conditions

Neither the manufacturer nor the seller shall be liable for any injury or damage resulting from improper assembly or improper usage. This warranty guarantees the AUTOLIFT3000 to be free of all defects in material and workmanship for 3 years from the date of purchase (or delivery, whichever comes first) by the original purchaser. Accessories are covered by a warranty for a period of 12 months. The warranty will not apply unless all the instructions in user manual have been adhered to.

To claim the warranty, please contact us with proof of purchase and a description of the malfunction (incl. photo/video documentation) at: support@autoliftproduction.com.

All warranty repairs and service must be performed by AUTOLIFT PRODUCTION s.r.o. or a certified distributor. All costs associated with the replacement or repair of a defective part under this warranty shall be covered by AUTOLIFT PRODUCTION s.r.o., except for the cost of transportation to/from AUTOLIFT PRODUCTION s.r.o., which shall be paid by the purchaser unless otherwise specified or agreed.

This warranty does not cover: conditions, defects or damages not resulting from defects in materials or workmanship, any damage resulting from improper maintenance, any damage to the product resulting from unauthorized modifications or repairs of the product, any damage caused by use of the equipment in excess of recommended practices or exceeding its load capacity, any damage caused by natural disaster, any damage resulting from improper use of the equipment, intrusion or spillage of liquid, etc.

Acceptance of a claim does not lead to an extension of the warranty period or to the beginning of a new warranty period if the equipment has been replaced.

AUTOLIFT PRODUCTION s.r.o. reserves the right to reject any claim in cases where the purchase or serial number cannot be verified and where it is obvious that the product has been damaged by the user.

Always keep the proof of purchase.

The lifting device must be delivered to AUTOLIFT PRODUCTION s.r.o. in an undisassembled condition and packed in such a way that the product cannot be damaged during transport.

Safety instructions

Product assembly and storage

- Read the user manual carefully before assembling and using the product!
- If you have any doubts about the assembly or using the product, please read the information on our website www.autoliftproduction.com or contact our customer service at info@autoliftproduction.com.
- The jack may only be assembled and used by an adult person who has read the user manual.
- Do not assemble or use a product that shows signs of damage.
- Use protective equipment (safety glasses, safety gloves, safety footwear with reinforced toe...) when assembling and using the product.
- The recommended temperatures for storage and using the lifting device are from +20°F to +90°F and from -5°C to +30°C.
- Do not leave the lifting device lying in direct sunlight, the lifting rubber may be damaged. High temperatures can cause lubricants to leak or heat up metal parts of the structure. If metal parts of the structure are hot, do not touch them without protective gloves!

Using and handling

- The product must not be used by children in any case!
- Always handle the product carefully (and with consideration of your physical condition) to avoid injury to the user or the surroundings.
- The AUTOLIFT3000 is intended exclusively for lifting passenger vehicles with uni-body construction! Never use for lifting other types of vehicles or body-on-frame vehicles.
- Never exceed the maximum load capacity of the lifting device (3000 kg/6614 lbs).
- **Never exceed the upper lifting limit - marked with red tape with STOP symbol.**

- When lifting a vehicle, always take into account the area you are in, the height of the ceiling (the longer the vehicle to be lifted, the higher the back of the vehicle will be), the condition of the body and the construction of the vehicle (e.g. never lift a very short vehicle as "SMART" to its maximum lift!) and follow the rule that safety always comes first!
- Always use a sufficiently powerful drill. A drill with less power can be destroyed by using for lifting a vehicle! Only use an electric drill in first gear and always switch off the impact/hammer. All impact tools are prohibited as they damage the gearboxes. A drill with a minimum power of 1050 W/220 V/10 Amp is recommended. Min. torque 487 inch-lb or 40 ft-lb or 55 Nm.
- Neither the manufacturer nor the dealer is in any way responsible for injury or damage caused by improper use of the product.
- Always secure the lifted vehicle with a car stand support and the safety pin.
- Before lowering the vehicle, always make sure to remove the car stand and the safety pin and check that nothing or no one is under the vehicle or in the close area.
- Use the rails for uneven surface for lifting vehicles on all soft or uneven surfaces (asphalt, grass, gravel, paint booth grid, stones, pavement...). We also recommend using this accessory for lifting on all polished or shiny floors to avoid scratching or damaging them.
- When using the "the rails for uneven surface" accessory, make sure that the wheels of the AUTOLIFT3000 always move in the centre of the rail. If this is not the case, move the rail by pulling so that the wheel is centred again. Wear protective gloves for these operations.
- When raising and lowering the lifting device, always ensure that the lower or upper lifting clearance of the product (minimum and maximum lifting limits) cannot be exceeded. **Always approach the maximum lifting limit marked with red STOP tape slowly and do not exceed it in any case!** Also, always approach the lower lifting level slowly and stop the drill in time. **Not following these instructions may result in irreversible damage to the product, which is not covered by the warranty!**
- When raising, lowering or tilting the vehicle, never touch the running wheels or other moving parts of the product, and prevent any objects, persons or animals from being in the working area of the lifting device. Secure the environment so that this situation cannot change. Also ensure that no persons or animals are in the vehicle.
- Never drive over the lifting device!

Maintenance and repairs

- › **It is forbidden to perform any repairs or modifications to the lifting device.**
- › Make sure that the stainless steel shaft connecting the gearboxes of the product is not bent (e.g. by running over the lifting device, not respecting the lower stop limit etc.).
- › Make sure that no dirt (sand, dust, etc.) gets into the moving parts of the product.
- › The manufacturer recommends to follow a rest cycle of the product (due to cooling of the operating lubricants). Recommended rest period between lifting cycles: 5 minutes.
- › **The lifting device is maintenance-free.** Never open the gearboxes, do not add any lubricants or oils. **This could cause product seizure, which is not covered under warranty.**
- › If any damage occurs, take several photos of the problem and contact our customer service at info@autoliftproduction.com.

Thank you for reading this far and we wish you a pleasant experience with our product.

If you have any further questions, please contact our customer service:
info@autoliftproduction.com

Please follow all manufacturer's recommendations, you will save yourself and us unnecessary worries.



Strojírenský zkušební ústav, s.p. (Engineering Test Institute, Public Enterprise)
 Certifikační orgán certifikující produkty / Product certification body
 Hudcova 424/56b, Medlánky, 621 00 Brno, Česká republika / Czech Republic

CERTIFIKÁT / CERTIFICATE

nařízení vlády č. 176/2008 Sb. a směrnice 2006/42/ES (Strojní zařízení)
 Government Regulation 176/2008 Coll. and Directive 2006/42/EC (Machinery)

Číslo:
 Number **MD-J-02021-21**

Výrobce:
 Manufacturer **AUTOLIFT PRODUCTION s.r.o.**
 Příkop 838/6
 602 00 Brno
 Česká republika – Czech Republic

Výrobek:
 Product **Zvedací zařízení**
 Lifting device

Typ/Model:
 Type/Model **Autolift 3000**

Aplikované normy:
 Standards applied **ČSN EN ISO 12100:2011, ČSN EN 614-1+A1:2009,
 ČSN EN ISO 7010:2021, ČSN EN 1494+A1:2010**

Podklad pro vydání certifikátu:
 Basis of Certificate issuance **Závěrečný protokol č. 31-10673/JZ ze dne 2021-11-26**
 Final Report 31-10673/JZ of 2021-11-26

Certifikát platí do:
 Certificate valid until **2026-11-28**

Strojírenský zkušební ústav, s.p., potvrzuje, že výše uvedený výrobek je ve shodě se základními požadavky stanovenými v příloze 1 a že technická dokumentace odpovídá příloze 7 k nařízení vlády č. 176/2008 Sb. (odpovídá příloze I a VII směrnice Evropského parlamentu a Rady 2006/42/ES). Výsledky přezkoumání technické dokumentace, údaje potřebné k identifikaci výše uvedeného výrobku a závěry přezkoušení jsou obsaženy v závěrečném protokolu. Pravidla pro nakládání s certifikátem jsou uvedena na druhé straně.

Strojírenský zkušební ústav, s.p., Engineering Test Institute, Public Enterprise, confirms that the above-mentioned product is in conformity with the essential requirements set forth in Annex 1 and that the technical documentation conforms to Annex 7 of Government Regulation 176/2008 Coll. (corresponding to Annex I and Annex VII of Directive 2006/42/EC of the European Parliament and of the Council). For the results of the review of the technical documentation, the information necessary to identify the above-mentioned product and the conclusions of testing see the final report. The rules for using the Certificate are specified overleaf.

Použité certifikační schéma:
 SZÚ-1a: 2020.00 (vychází ze schématu 1a ISO/IEC 17067, založeno na zkoušení a inspekci).

Product certification scheme applied:
 SZÚ-1a-2020.00 (based on Scheme 1a of ISO/IEC 17067, which is based on testing and inspection).

Brno, 2021-11-29



Ing. Pavel Šticha
 vedoucí certifikačního orgánu
 Head of Certification Body

MD-J-02021-21 Strana - Page 1/2

Strojírenský zkušební ústav, s.p., Hudcova 424/56b, 621 00 Brno, Česká republika
 Engineering Test Institute, public enterprise, Hudcova 424/56b, 621 00 Brno, Czech Republic

www.szutest.cz



AUTOLIFT
 PRODUCTION

Příkop 838/6, 602 00 Brno, Czech Republic

DECLARATION OF CONFORMITY

This is an important document and should be retained.

We hereby declare that this product(s) complies with the following directive(s):

2006/42/EC Machinery Directive

95/16/EC Amending Directive

Product certification scheme applied: ČSN EN ISO/IEC 17067:2014, scheme type 1a

The Autolift 3000 has been evaluated, tested and certified by the Engineering Test Institute, Public Enterprise, Brno, Czech Republic applying the following standards:

CSN EN ISO 12100:2011, CSN EN 614-1+A1:2009,
 CSN EN ISO 7010:2012,
 CSN EN 1494+A1:2010.

Issued Certificate Number: MD-J-02021-21 which refers to final report numbers: 31-10673/JZ from 2021-11-26

The technical documentation required to demonstrate that the product(s) meet(s) the requirement(s) of the aforementioned directive(s) has been compiled and is available for inspection by the relevant enforcement authorities.

Product Description: Autolift 3000

Model number(s): AL 3000

Serial/batch number: N/A

Date of issue: 2021-11-29

AUTOLIFT PRODUCTION s.r.o.
 Příkop 838/6, 602 00 Brno, CZ
 IČ: 04741204, DIČ: CZ04741204
www.autoliftproduction.com

Signed:

Barbora Jefábková, Director

AUTOLIFT PRODUCTION s.r.o.

Prikop 838/6, 602 00 Brno
Czech Republic, Europe

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www.autoliftproductio.com

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AUTOLift3000® was designed in 1991 and is the only original tilting car lift.

AUTOLift3000 is registered trademark of AUTOLIFT PRODUCTION.

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