

KL-4999-120 A /-120 A/AT /-121 A

MODULO Workshop/Assembly Trolley



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04/2025

KL-4999-120A_AT_121A_EN250610.indd

**ENGLISH****EN**

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1. FOR YOUR SAFETY



Read and understand these operating instructions **before using** the workshop/assembly trolley, and observe all safety and warning instructions! Misuse can result in **DEATH** or **SEVERE INJURIES**! These operating instructions are an integral part of the workshop/assembly trolley. Keep them at a safe place for future reference, and always pass them on to subsequent users of the workshop/assembly trolley! The workshop/assembly trolley complies with the recognised rules of technology as well as the relevant safety regulations!

1.1 Target group

These operating instructions are **exclusively** intended for skilled personnel in specialised motor vehicle workshops!

The workshop/assembly trolley **may only be** used by skilled personnel in specialised motor vehicle workshops who are familiar with the- regulations on work safety and accident prevention!

✔ **Never** allow unauthorised, inexperienced persons, minors and children, or persons with limited physical, sensory, and mental abilities to use the workshop/assembly trolley!

1.2 Obligations of the owner

Pursuant to the German Ordinance on Industrial Safety and Health (*BetrSichV*), employers are obliged to provide their employees with safe work equipment in accordance with the recognised rules of technology and the relevant safety regulations!

✔ The owner of the workshop/assembly trolley **must** ensure that **only** trained personnel in specialised vehicle workshops use the workshop/assembly trolley!

✔ The owner of the workshop/assembly trolley **must** ensure that the instructions for use are available to the user and that the user has completely read and understood the instructions for use **before** using the workshop/assembly trolley!

✔ The owner of the workshop/assembly trolley **must** ensure that the user is familiar with the basic regulations on work safety and accident prevention, and that the personal protective equipment is available to him!

1.3 Intended use

The workshop/assembly trolley ...

✔ **may only be** used at the workplace for depositing and storing tools and transporting tools or work-related materials!

✔ **may only be** used for assembly work which does **not** involve cutting or machining!

✔ **may only be** used up to the max. load specified in **chapter 2**!

✔ **may only be** pulled to the workplace by hand!

✔ **may only** be used with GEDORE Automotive genuine spare parts and accessories!

✔ **may only** be used in the way described in these operating instructions!

⚠ Any other use can result in **DEATH** or **SEVERE INJURIES**!

1.4 Reasonably foreseeable misuse

The workshop trolley/mobile workbench ...

✔ **must never be** used to transport loads and living creatures!

✔ **must never be** pulled behind a load carrier, ground vehicle, or other motorised means of transport!

✔ **must never be** used to store objects which do not correspond to the intended use!

✔ **must never** be used with a bridged, modified, or removed safety device!

✔ **must never** be modified, converted, or used for other purposes without authorisation!

⚠ Use the workshop/assembly trolley **always** as intended. Any other use can result in **DEATH** or in **SEVERE INJURIES**!

1.5 Personal protective equipment

For your safety, **always** wear personal protective equipment when using the workshop/assembly trolley! The workshop/assembly trolley can cause mechanical hazards such as crushing, cutting, and impact injuries, especially when loosening the outer packaging and during preparation.



Always wear **EYE PROTECTION** (for example to DIN EN 166, OSHA 29 CFR 1910.133, ANSI Z87) when using the workshop/assembly trolley to protect yourself against flinging parts!

► When using the workshop/assembly trolley, flinging parts, especially the straps of the outer packaging, can cause **SERIOUS INJURY** to your **eyes** when cut!



Always wear **PROTECTIVE GLOVES** (for example to DIN EN 388, OSHA 29 CFR 1910.138, ANSI 105) when using the workshop/assembly trolley to protect yourself against sharp edges and crushing between parts!

► When working with the workshop/assembly trolley, sharp edges and crushing between parts can cause **SEVERE INJURIES** to your **hands**!







Always wear **SAFETY SHOES** (for example to DIN EN ISO 20345, OSHA 29 CFR 1910.136, ANSI Z41) when using the workshop/assembly trolley to protect yourself against dropping parts!

► When using the workshop/assembly trolley, it may fall over, or parts may fall off and cause **SERIOUS INJURY** to your **feet and toes**!

1.6 Labelling of the warnings

Warnings warn of potential **hazards**. **Always** observe these warnings to avoid **DEATH** or **INJURIES**!

For better differentiation, warnings in these operating instructions are classified as follows:

Warning sign	Meaning
 WARNING	Indicates a hazardous situation which, if not avoided, could cause DEATH or SEVERE INJURIES .
 CAUTION	Indicates a hazardous situation which, if not avoided, could cause MODERATE or MINOR INJURIES .
 ATTENTION	Indicates a situation which, if not avoided, can cause damage to the tool or an object in its vicinity.
	Note on important information and useful tips.

1.7 Basic warnings

⚠ WARNING - Danger of injury from MISUSE

The workshop/assembly trolley can roll away unintentionally, tip over, or the drawers can extend and tools can fall down due to **MISUSE**. This can cause **SEVERE INJURIES!**

- ✔ Read and understand these operating instructions **before using** the workshop/assembly trolley, and observe all safety and warning instructions for **safe use!**
- ✔ **Always** work with the workshop/assembly trolley in accordance with the basic regulations on work safety and accident prevention!
- ✔ **Only** use the workshop/assembly trolley as described in these operating instructions!
- ✔ **Never** climb, stand, or sit on the workshop/assembly trolley!
- ✔ **Always** close all drawers and lock them with the central lock before moving the workshop/assembly trolley!
- ✔ Before moving the workshop/assembly trolley, be **sure to** remove all objects on the worktop which could fall off!
- ✔ **Only** move the workshop/assembly trolley on minimal inclines or slopes **up to max. 10 %**, if necessary with the help of a second person.
- ✔ **Never** move the workshop/assembly trolley at increased speed, especially in curves.
- ✔ **Never** move the workshop/assembly trolley parallel to an inclined plane.
- ✔ **Always** hold the workshop/assembly trolley by the steering handle when moving it, and wear work gloves ensuring secure grip on the steering handle.
- ✔ **Always** push the workshop/assembly trolley in front of you by the steering handle, both uphill and downhill.
- ✔ **Never** park the workshop/assembly trolley on an uphill or downhill slope without the castor stoppers applied.
- ✔ Prevent the trolley from rolling away unintentionally by **always** applying the castor stoppers when parking the workshop/assembly trolley.
- ✔ Make sure that your feet **never** get under the castors.
- ✔ **Only** close or open the drawers using the handles provided for this purpose and keep fingers away from the closing area.
- ✔ **Never** use the workshop/assembly trolley if it is damaged, has loose parts, or unauthorised modifications!
- ✔ **Always** wear your personal protective equipment (*safety goggles, protective gloves, safety shoes*) during work!

⚠ WARNING - Danger of injury from OVERLOAD

The workshop/assembly trolley can roll away, collapse, or tip over unintentionally as a consequence of **OVERLOADING**. This can cause **SEVERE INJURIES!**

- ✔ **Never** exceed the **max. permissible load of** the workshop/assembly trolley and its drawers, **see chapter 2!**
- ✔ **Always** wear your personal protective equipment (*safety goggles, protective gloves, safety shoes*) during work!

ATTENTION - Risk of DAMAGE

The workshop/assembly trolley can be **DAMAGED!**

- ✔ **Never** exceed the **max. permissible load of** the workshop/assembly trolley and its drawers, **see chapter 2!**
- ✔ Opening or closing the drawers with force can damage the mechanism or the locking device. Make sure that the central locking is open before opening the drawers.
- ✔ The central locking system must not be closed when one of the drawers is open.
- ✔ Do not use any tools such as metal objects, screwdrivers etc. to open the drawers. The drawers must all open easily by hand.
- ✔ **Never** use third-party components for the workshop/assembly trolley, **only** use genuine **GEDORE** spare parts and accessories for it!

1.8 Basic safety instructions

For your safety, **always** observe the following safety precautions when using the workshop/assembly trolley in order to avoid injuries and material damage caused by misuse or unsafe handling.

- ✔ Read and understand these operating instructions **before using** the workshop/assembly trolley, and observe all safety and warning instructions for **safe use**!
- ✔ **Always** work with the workshop/assembly trolley in accordance with the basic regulations on work safety and accident prevention!
- ✔ **Never** use the workshop/assembly trolley when you are tired or under the influence of alcohol, drugs, or medication!
- ✔ **Before each use**, check the workshop/assembly trolley **carefully** for damage, loose parts, or unauthorised modifications. **Never** use it if you notice any such deficiencies!
- ✔ Use **only genuine GEDORE** spare parts and accessories!
- ✔ Move the workshop/assembly trolley with the the help of a second person **if its weight makes this necessary**!
- ✔ **Before using** the workshop/assembly trolley, make sure that **no** unauthorised persons are in the immediate environment!
- ✔ **Always** observe the **max. admissible load** when using the workshop/assembly trolley, and **never** exceed it!
- ✔ **Always** wear your personal protective equipment (*safety goggles, protective gloves, safety shoes*) during work!
- ✔ Interrupt your work **immediately** if you are unsure about using the workshop/assembly trolley, and contact **GEDORE Automotive GmbH, if necessary**!
- ✔ For safety reasons, ensure that a damaged workshop/assembly trolley is no longer used! A professional inspection and repair must only be carried out by specially trained specialists from **GEDORE Automotive GmbH**!
- ✔ **Always** use the workshop/assembly trolley as intended. Non-compliance will invalidate any warranty claim and may significantly reduce its durability!

1.9 Work environment

For your safety, **only** use the workshop/assembly trolley in a safe working environment.

- ✔ The workplace **must** be clean and tidy.
- ✔ The workplace **must** be sufficiently large and illuminated.
- ✔ The workplace **must** be on a solid and non-skidding floor.
- ✔ The workplace **must** be safeguarded against access of unauthorised persons.
- ✔ The workplace **must** have room temperature between -10 °C and +40 °C.

2. PRODUCT DESCRIPTION

2.1 KL-4999-120 A / -120 A/AT - MODULO workshop/assembly trolley, 4 drawers

The robust **MODULO** tool/assembly trolley - **KL-4999-120 A / -120 A/AT** (*GEDORE 1507 XL*) with 4 extra-wide drawers and a 30 mm thick and solid beech multiplex worktop offers in combination with, for example, our **KL-0039-...** Wheel and silent block tool inserts and the stationary spring compressor **KL-5501 B**, a professional mobile workstation for professional and efficient chassis or axle repairs directly on the vehicle.

The specially reinforced side wall on the tool/assembly trolley enables simple, quick and reliable assembly of the stationary spring compressor - **KL-5501 B** in conjunction with the MODULO fastening kit - **KL-5501-210**.



Designations

Item	Designation	Quantity
A	Central locking with cylinder lock (for drawers)	1
B	Worktop, 30mm thick, (laminated multiplex beech board, protected by linseed oil varnish)	1
C	Steering handle (consists of two angle elements and one tube)	1
D	Side wall (with Euro perforation 10 x 38mm for attaching hooks for hand tools)	2
E	Drawer (flat, 90mm) with full-extension runners and individual pull-out stop	1
F	Drawer (medium, 145mm) with full-extension runners and individual pull-out stop	2
G	Drawer (high, 195mm) with full-extension runners and individual pull-out stop	1
H	Fixed castor, 200mm dia.	2
i	Total lock (locks both the wheel and the slewing ring)	2
J	Swivel castor, 125mm dia.	2
K	Hand tool divider, for flat drawer 90mm (<i>available as accessory</i>)	-
L	Divider 80 mm, for medium drawer 145mm + high 195mm (<i>available as accessory</i>)	-

Specifications

Body: H 985 x W 1200 x D 635mm
 Worktop: H 30 x W 1200 x D 635mm
 Drawer (flat): H 90 x W 998 x D 474mm
 Drawers (medium): H 145 x W 998 x D 474mm
 Drawer (high): H 195 x W 998 x D 474mm
 Load capacity per drawer: 70kg
 Swivel castors with castor stoppers: 125mm dia.
 Fixed castors: 200mm dia.
 Total load carrying capacity: 1000kg
 Load capacity in mobile operation: 750kg
 Weight: 125kg
 Colour KL-4999-120 A: GEDORE blue
 Colour KL-4999-120 A/AT: Anthracite/RAL 7016

Options

- Can be optionally fitted with GEDORE tool modules (1500 ES/1500 CT), a max. of nine 1/3 modules are possible per drawer.
- Other drawer versions, special colours and designs on request.
- Delivery without tools and accessories!

Accessories

KL-4999-1204 - Divider for hand tools

KL-4999-1205 - Divider, 80mm

2.2 KL-4999-121 A - MODULO workshop/assembly trolley, 5 drawers

The robust **MODULO** tool/assembly trolley - **KL-4999-121 A** (*GEDORE 1507 XL*) with 5 extra-wide drawers as well as a 30 mm thick and solid beech multiplex worktop, combined for example with the universal glow plug, nozzle extractor, counterholding spanner and drive set inserts, offers a professional mobile workstation for professional and efficient maintenance on combustion engines directly on the vehicle.

The specially reinforced side wall on the tool/assembly trolley enables simple, quick, and reliable assembly of the stationary spring compressor - **KL-5501 B** in conjunction with the **MODULO** fastening kit - **KL-5501-210**.



Designations

Item	Designation	Quantity
A	Central locking with cylinder lock (for drawers)	1
B	Worktop, 30mm thick, (laminated multiplex beech board, protected by linseed oil varnish)	1
C	Steering handle (consists of two angle elements and one tube)	1
D	Side wall (with Euro perforation 10 x 38mm for attaching hooks for hand tools)	2
E	Drawer (flat, 90mm) with full-extension runners and individual pull-out stop	4
G	Drawer (high, 195mm) with full-extension runners and individual pull-out stop	1
H	Fixed castor, 200mm dia.	2
i	Total lock (locks both the wheel and the slewing ring)	2
J	Swivel castor, 125mm dia.	2
K	Hand tool divider, for flat drawer 90mm (<i>available as accessory</i>)	-
L	Divider 80 mm, for medium drawer 145mm + high 195mm (<i>available as accessory</i>)	-

Specifications

Body: H 985 x W 1200 x D 635mm
 Worktop: H 30 x W 1200 x D 635mm
 Drawer (flat): H 90 x W 998 x D 474mm
 Drawers (medium): H 145 x W 998 x D 474mm
 Drawer (high): H 195 x W 998 x D 474mm
 Load capacity per drawer: 70kg
 Swivel castors with castor stoppers: 125 mm dia.
 Fixed castors: 200 mm dia.
 Total load carrying capacity: 1000kg
 Load capacity in mobile operation: 750kg
 Weight: 125kg
 Colour: GEDORE blue

Options

- Can be optionally fitted with GEDORE tool modules (1500 ES/1500 CT), a max. of nine 1/3 modules are possible per drawer.
- Other drawer versions, special colours and designs on request.
- Delivery without tools and accessories!

Accessories

KL-4999-1204 - Divider for hand tools

KL-4999-1205 - Divider, 80mm

3. SAFE APPLICATION

⚠ WARNING

As a consequence of **misuse** or **overload**, the workshop/assembly trolley can roll away unintentionally, tip over, collapse, or the drawers can extend and tools can fall down. This can cause **DEATH** or **SEVERE INJURIES**!

- ✔ **Prior to using** the workshop/assembly trolley, read and understand **all** safety instructions and warnings listed in **Chapter 1** and **always observe** them **for safe use**!
- ✔ Use the workshop/assembly trolley **as intended** and always carry out maintenance and repair work in compliance with the regulations on occupational safety and accident prevention as well as the vehicle manufacturer's instructions!
- ✔ **Before each use**, check the workshop/assembly trolley **carefully** for damage, loose parts, or unauthorised modifications. **Never** use it if you notice any such deficiencies!
- ✔ **Always** wear your personal protective equipment (*safety goggles, protective gloves, safety shoes*) during work!

4. INITIAL ASSEMBLY

4.1 Unboxing the workshop/assembly trolley

The workshop/assembly trolley is delivered on a transport pallet in a cardboard box and must be unboxed on a flat surface as described below.

⚠ WARNING

The strapping of the packaging can fling around when cut and cause **SERIOUS INJURIES** to the eyes!

Sharp-edged cardboard parts, the strapping, and aids for opening the packaging can cause **SERIOUS INJURY** to the hands!

- ✔ Wear your personal protective equipment (safety goggles, protective gloves)!
 - ✔ Fix the straps in the upper area before cutting them to prevent them from flinging around. This means that only the lower part of the straps pops open when cut.
1. First put on protective goggles and gloves. Now hold your hand on the corresponding strapping band in the upper area and cut it in the lower area. Use a knife or scissors.
 2. Remove the complete outer packaging by pulling it upwards over the workshop/assembly trolley.

⚠ WARNING

The workshop/assembly trolley can tip over when moving down from the pallet. This can cause **SERIOUS INJURIES** of legs and feet!

- ✔ Wear personal protective equipment (safety shoes)!
 - ✔ Make sure that your feet **never** get under the castors.
3. Carefully move the workshop/assembly trolley off the pallet with the help of a second person.
- ① When parking the workshop/assembly trolley, always apply the castor stoppers.

4.2 Assembly of the steering handle

The steering handle is delivered disassembled and must be mounted on the workshop/assembly trolley as described below.

⚠ WARNING

The steering handle of the workshop/assembly trolley must bear a lot of weight on uphill and downhill slopes. If the steering handle detaches, the workshop/assembly trolley can roll away uncontrollably and this can lead to **SERIOUS INJURIES**!

- ✔ Make sure the steering handle is correctly mounted and safely and tightly fastened with bolts.
 - ✔ **Never** lean on the steering handle, and **never** use it as a step!
1. Place the steering handle parallel to the workshop/assembly trolley as shown in the illustration below and screw it on firmly and securely with the help of the two enclosed cylinder screws.



5. CARE AND STORAGE

ATTENTION

Improper care and storage can damage the workshop/assembly trolley. Therefore, **never** use solvents or other cleaning liquids. After use, clean all parts **only with** a dry or slightly damp and clean cleaning cloth. Store the workshop/assembly trolley and the operating instructions at a dry place.

6. REPAIR

⚠ WARNING

For safety reasons, ensure that a damaged workshop/assembly trolley is no longer used! Professional inspection and repair may only be carried out by specially trained specialist personnel from **GEDORE Automotive GmbH**. Improper repair can result in **DEATH** or **SEVERE INJURIES**.

7. ENVIRONMENTALLY COMPLIANT DISPOSAL

Dispose of the workshop/assembly trolley and the packaging material in an environmentally friendly manner in accordance with the legal requirements. If necessary, ask your local authorities about environmentally friendly disposal options.