TRUSTERS



ELVT5350.

OPERATING MANUAL

OPERATING INSTRUCTIONS ENGLISH
Please use the following link to download the operating instructions in English:

English:
https://www.hebebuehne24.de/download/operating-instructions_trusters_elvt5350_en.pdf

CUSTOMER SERVICE

Do you have any questions? We’re happy to assist you (Monday through Friday, from 8:00 a.m. to 4:00 p.m.).

- **Service Hotline: +49 (0) 8373 9999-10**
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- Email: mail@trusters.com

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GENERAL

INTENDED USE

The ELVT5350 scissor lift is approved for lifting passenger cars and small vans with a maximum weight of 3,500 kg. Pay attention to weight distribution when lifting.

This lift may only be used indoors to lift vehicles weighing up to 3,500 kg. It is not intended for use in potentially explosive atmospheres. Any other use is improper and may cause accidents. Any damage caused by improper operation is not covered by the warranty.

Observe the electrical requirements for the scissor lift.

GENERAL SAFETY INSTRUCTIONS



Read this operating manual carefully before putting the lift into service and keep the manual in a safe place.

The platform may only be operated and maintained by properly trained personnel who are familiar with the safety regulations. In general, the operator should eliminate potential residual hazards from the outset by acting appropriately and with due care.

Any modifications or conversions to the lift not authorized by the manufacturer may result in significant property damage or personal injury. The manufacturer/supplier assumes no liability for such incidents.

The platform must be used only in accordance with its intended purpose and the specified operating procedures. Before beginning work, carefully check that all components are in perfect condition and functioning correctly. Defective components must be replaced.

If malfunctions occur during operation or while work is in progress, the stage's power supplies must be shut off before the malfunctions are rectified. All electrical connection and rewiring work may only be performed by a qualified electrician in accordance with the regulations of the VDE and/or the relevant utility company.

Ensure there is sufficient ceiling height. Failure to comply with these specifications may result in property damage or personal injury.

When positioning the vehicle, ensure that the weight is distributed evenly. No persons may be lifted along with the vehicle.

The platform's safety system must not be modified or disabled.

When operating the scissor lift, no unauthorized persons are permitted in the danger zone.

Inspect the scissor lift regularly. The scissor lift must not be operated if defects are found or if it is not functioning properly. The scissor lift must be repaired by authorized qualified personnel using original replacement parts.

There must be no obstacles in the vicinity of the scissor lift that could jeopardize its proper operation.

The safety devices must be inspected regularly.

Lifting the platform or the vehicle on one side only is not permitted.

When the vehicle is raised, avoid unnecessary movements of the vehicle.

Position the vehicle parallel to the lift.

Stay away from moving parts; there is a risk of injury from being caught or crushed.

When lowering the lift, remove any lifting aids or supports.

The scissor lift must not be operated in wet areas or near open containers of flammable liquids.

Maintenance and cleaning may be performed by the operator. Repairs may only be performed by trained technical personnel.

All safety regulations must be followed when operating the scissor lift.

The manufacturer has carefully supervised the preparation of this manual. The contents of this manual must not be modified. Self-assembly or any other unauthorized modifications will void warranty and product liability claims.

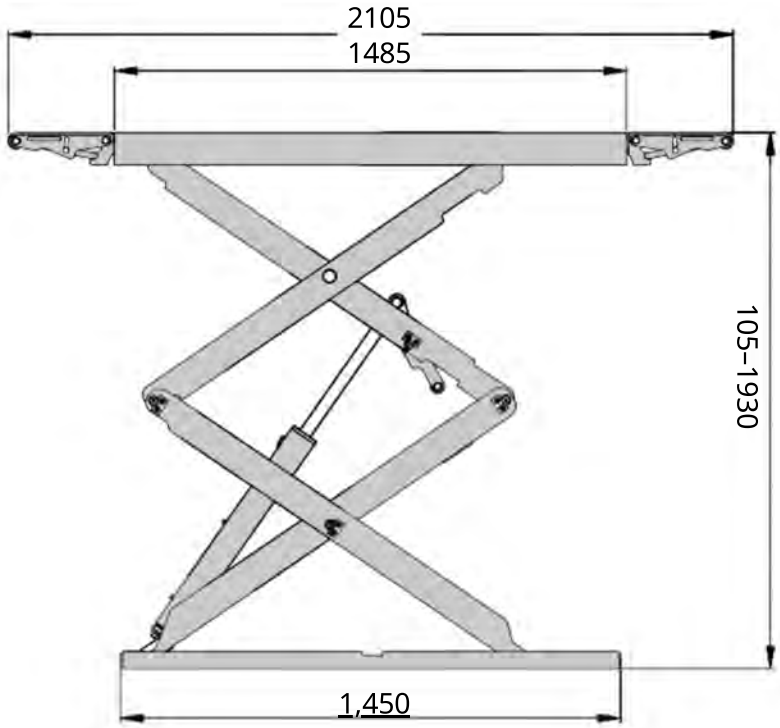
Any modifications or conversions to the lift platform not authorized by the manufacturer may result in significant property damage or personal injury. The manufacturer/supplier assumes no liability for such incidents.

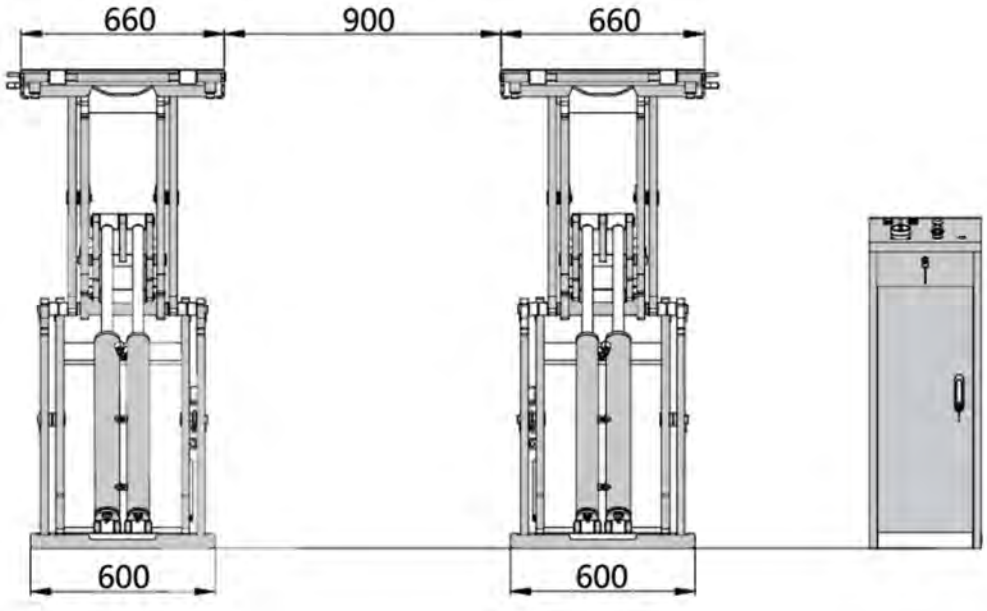
The manufacturer is not liable for any errors in the preparation of these instructions and reserves the right to make corrections at any time due to changes.

TECHNICAL SPECIFICATIONS

Load capacity	3,500 kg
Max. lifting height	1,930 mm
Lifting time	≤ 50 s
Lowering time	≥ 20 s
Platform clearance	900 mm
Total platform length	2,105 mm
Usable platform length	1,485 mm
Platform width	660 mm each
Base width	1,450 mm
Noise level	≤ 70 dB
Motor power	2.2 kW
Clearance height	105 mm
Voltage	230 V / single-phase
Gross weight	887 kg
Ambient temperature	0°C to +40°C
Relative humidity	≤ 80% at 30 °C
Transport/storage temperature	-25°C to +55°C
Installation height	≤ 2000 m




2105
1485
105–1930
1,450


660
900
660
600
600

BEFORE START-UP

INSTALLATION SITE

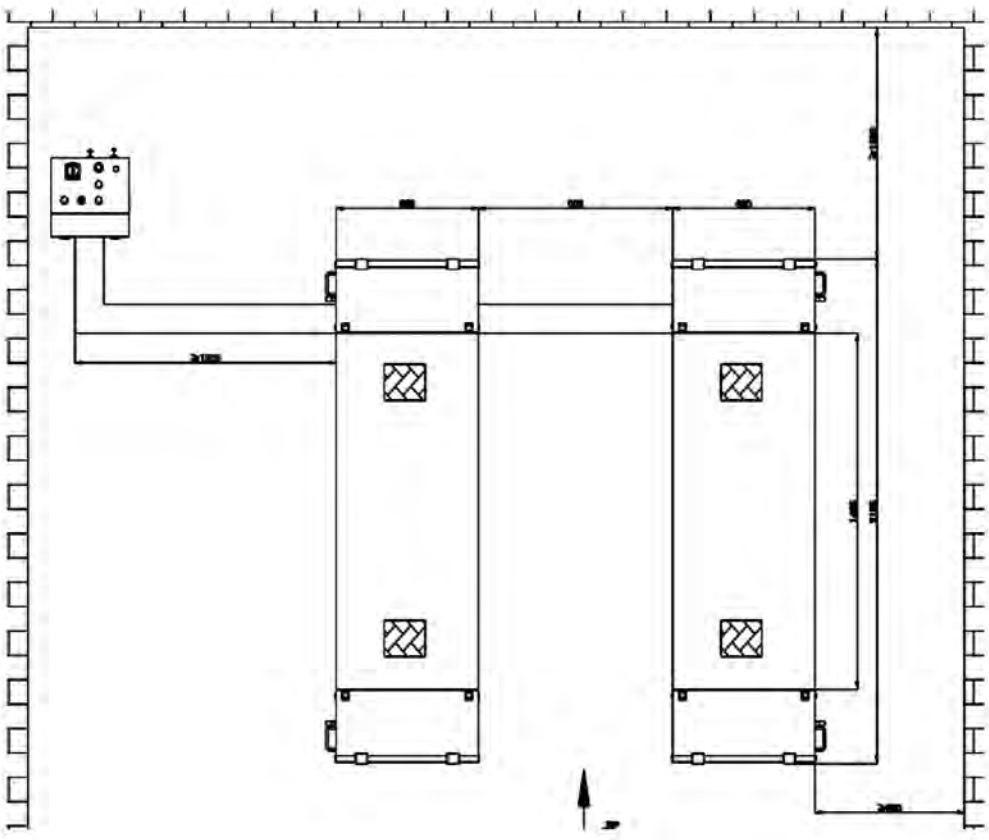
The mobile hydraulic scissor lift is intended for indoor use only. Use in areas containing explosive substances or in damp areas (such as car washes) is not permitted.

There must be sufficient, unobstructed clearance on all sides, and there must be enough space above the lift for installation and inspection. (Area: at least 2500 x 2000 x 200 mm)
The operator must have an unobstructed view of the lift at all times.

FLOOR REQUIREMENTS

The scissor lift may only be installed on a concrete floor. The minimum thickness of the concrete slab is 200 mm, and the minimum curing time is 7 days. Operating the scissor lift on asphalt, soft clay, or near expansion joints is not permitted, as this leads to instability of the scissor lift and may cause accidents.

The floor's load-bearing capacity must not be less than 1.3 kg/cm^2. The surface must measure 2500 x 2000 x 200 mm and must not have any expansion joints or cracks. The contact surfaces must be level with each other (+/- 5 mm).



SCOPE OF DELIVERY

The lift is delivered in two wooden crates: one large crate and a smaller crate containing the power unit. (Fig. 1)



Fig. 1

Component	Quantity
Platform (scissor lift assembly with base frame and deck), connected via hoses and cables at the factory	2
Control and hydraulic unit with control box, including key	1
Hose protection plates (straight cover profiles, wide covers with cutouts, corner piece)	1 set
Cylinder cover with 2 retaining brackets, 2 screws, and 2 locknuts	2
Rubber pads	4
Handles for access hatches	4
Locking bolts for ramps	4
Heavy-duty anchors M14 (Ø 14 mm)	8
Small parts (screws, nuts, fasteners for hose guard plates)	1 set

ASSEMBLING THE LIFT

These instructions must be followed to ensure proper installation and operation of your lift. Failure to follow these instructions may result in serious personal injury and void the product warranty. The manufacturer assumes no liability for any loss or damage of any kind, whether express or implied, resulting from improper assembly or use of this product. Please read the entire manual before assembly.

REQUIRED TOOLS AND MATERIALS (NOT INCLUDED)

TOOLS / MATERIALS	USAGE
Forklift or hoist with lifting slings (sufficient load capacity)	Lifting the unit, unloading the platforms
Cordless screwdriver, crowbar, tin snips / side cutters	Opening the wooden crates, removing the strapping
Hammer drill with concrete drill bit, Ø 14 mm (sufficient length; drill through the base frame)	Drill holes for the anchors
Blow-out pump or industrial vacuum cleaner, hammer (at least 1 kg)	Clean the drill hole, drive in the anchors
Torque wrench (up to at least 80 Nm) with matching socket	Tighten the anchors

TOOLS / MATERIALS	USAGE
Set of ring and open-end wrenches, ratchet with sockets, set of Allen wrenches, set of screwdrivers	Hydraulic connections, covers, handles
Tape measure (at least 5 m), level, chalk/marking pen	Alignment and Marking
Clean funnel, oil absorbent, clean rags, cardboard	Fill with oil, check for leaks
HLP 32 hydraulic oil – approx. 10–12 liters	10 liters for the initial fill of the oil tank and an additional 2 liters to fill the hoses and cylinders.
Power supply cable 3 × 2.5 mm^2 (L, N, PE) and materials as specified by the licensed electrician + 230V plug	Power connection

NOTE: The power supply must be connected before installation. Electrical connections and work on the wiring may only be performed by a licensed electrician.

1. LIFT THE UNIT AND REMOVE THE PACKAGING

1. The crate containing the unit is usually placed **on top of** the crate containing the platforms. Lift it off using a forklift or crane and set it down near where the unit will eventually be installed.
2. Remove the strapping from both crates and then remove the wooden packaging (lid first, then the side panels).
3. Remove the unit and set it upright. Secure it to prevent it from tipping over until it is finally in place.

! **CAUTION**!

When opening the crates, do not work near the platforms with sharp tools—some hoses and cables are exposed and must not be damaged. Strapping bands may snap back when cut.

2 REMOVE LOOSE PARTS AND CHECK FOR COMPLETENESS

The loose parts are located between the two platforms: **hose protection plates, rubber pads, cylinder covers, anchors, handles, bolts, and screws**. Remove all parts, lay them out neatly, and check them for completeness using the “Scope of Delivery” table (see Fig. 2).

NOTE

Check the delivery immediately for completeness and shipping damage. Have any damage to boxes, hoses, or cables confirmed in writing by the carrier and report it to us immediately.



Fig. 2

3 DETERMINE THE ORIENTATION OF THE PLATFORMS

Before unloading the platforms, determine how they should be positioned later. Correcting a mix-up afterward requires significant effort.

FEATURE	MEANING
Hose and cable outlet (Fig. 3)	This side is the **FRONT** of the lift. The hydraulic cylinders are located here .
Location of the hydraulic cylinders	The cylinders are located on the **engine side** of the vehicle. The vehicle is driven onto the lift so that the engine is positioned above the cylinders.
Sticker on the platform	The side with the stickers is always the **OUTSIDE** of the lift. The stickers therefore point to the far left or far right, not toward the center.



Fig. 3

4 UNLOADING AND ROUGHLY ALIGNING THE PLATFORMS

1. Using a forklift or crane (with lifting straps around the base frame), lift the platforms individually off the packaging base and set them down at their installation location.
2. **Caution:** The two platforms are already connected to each other via hoses and cables. Move them in such a way that the lines remain loose at all times. It's best to have a second person assist.
3. Roughly align the platforms: **parallel to each other, fronts at the same height, 900 mm apart**, with the labels facing outward on each platform.

! WARNING!

Never place lifting straps over hydraulic hoses, cables, or cylinders. Do not attach them to the chassis or the access flaps.

5 RUNNING HOSES AND CABLES TO THE POWER UNIT

1. Carefully unroll the hydraulic hoses, the transparent oil return hoses, and the gray control cables.
2. Route all lines directly toward the power unit. The lines will later be covered by the hose protection plates (Step 17)—plan the route accordingly so that it is straight and free of crossings.
3. Position the power unit at its final location: at the front of the stage, with a clear view of both platforms, and so that all lines reach it without tension. The power unit can be mounted on the left or right side of the stage.

! NOTE!

Do not kink or twist the cables, and do not route them over sharp edges. Leave some slack at both ends so that the cables are not under tension when the platforms are lifted.

6 OPENING THE UNIT

1. Unlock the unit's door using the key provided.
2. Press the latch down at the handle (arrow in Fig. 4). Only then can the lever be folded out and turned.
3. Turn the lever and open the door.


Fig. 4

7 RUNNING CABLES INTO THE UNIT

Route all cables and hoses into the unit from below through the opening(s) in the lower section of the unit. (Figs. 5 and 6)



Fig. 5



Fig. 6

8 CONNECTING THE CONTROL CABLES IN THE CONTROL BOX

! DANGER!

Work on the control box only when the power is off! At this point, no mains voltage should be present.

1. The **gray cables** coming from one of the platforms are for the **height limit switch** and the **CE stop**.
2. Route these cables upward through the unit into the **control box** and feed them through the cable glands.
3. Connect each wire to the terminal with the **same number** as indicated on the wire end ferrule or cable marking (blue area in Fig. 7).
4. Tighten all terminal screws and check that each wire is securely fastened by gently tugging on it. Tighten the cable glands.

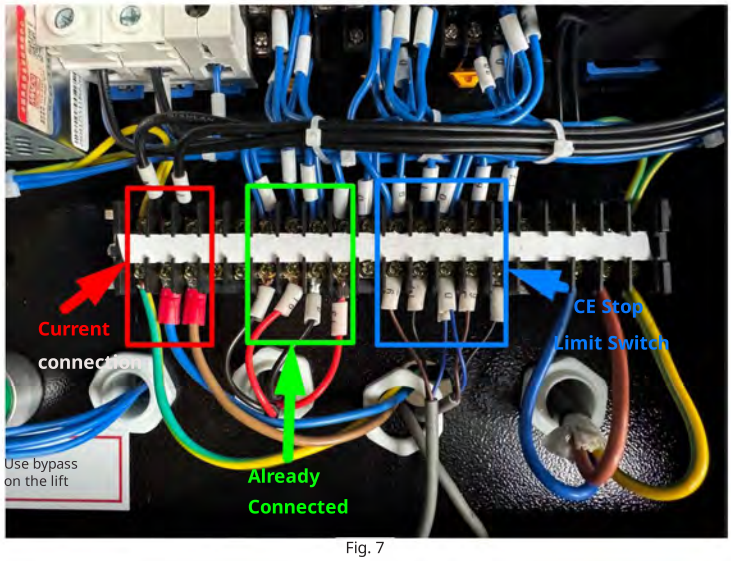


Fig. 7

NOTE:
The wires in the area marked in green are connected at the factory—do not make any changes here. Incorrect assignment of the control cables will cause the limit switches or CE stop to malfunction.

9 FILLING WITH HYDRAULIC OIL

1. Open the **red filler cap** on the oil tank.
2. Using a clean funnel, fill the tank **with approximately 10 liters of HLP 32 hydraulic oil**. It is recommended that you have an additional 2 liters of oil on hand, as you may need to top off the oil after bleeding the system.
3. Close the tank again.

NOTE:
Use only new, clean HLP 32 hydraulic oil.
Do not use engine oil, ATF, or mixed types of oil.
During the bleeding process (Step 12), it may be necessary to top off the oil—keep some extra on hand.


Fig. 8

10 CONNECTING THE RETURN AND HYDRAULIC HOSES

a) Oil return hoses (transparent)

1. Insert the two **transparent oil return hoses** into the two push-fit connectors on the **right side** of the valve block.
2. Push the hoses in **as far as they will go** and check that they are securely seated by pulling gently.


Fig. 9

b) Hydraulic hoses (black)

1. Unscrew the two **hollow screws** from the valve block. Be careful not to let any dirt get into the holes.
2. Assemble each hollow screw in the following order:
   Screw → **O-ring** → **hose ferrule** → **O-ring** (Fig. 10).
3. Screw the hollow screw with the hose back into the valve block and tighten the screw securely. Do not overtighten.
4. Repeat this procedure with the second hydraulic hose.

! WARNING!

There must be a O-ring on each side of the hose eye—that is, two O-rings per connection. If an O-ring is missing, a leak will occur the first time

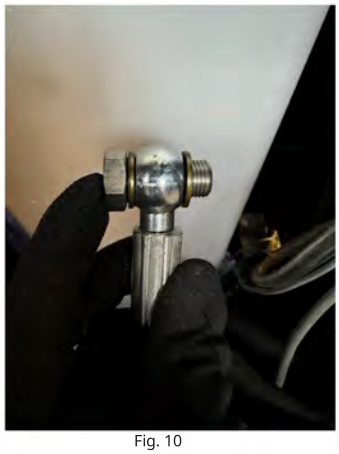

Fig. 10


Fig. 11

stroke, hydraulic oil will leak out under high pressure.

11 POWER CONNECTION MUST BE PERFORMED BY A QUALIFIED ELECTRICIAN

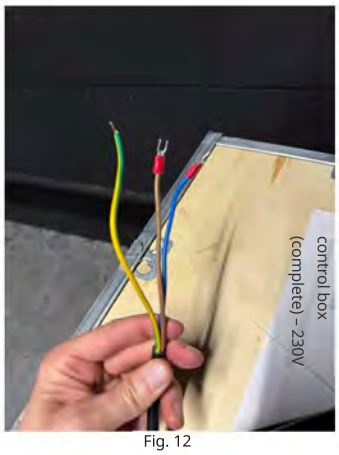


Fig. 12

! DANGER!

Installation must be performed only by a qualified electrician! A power cord is not included.

1. Connection: **230 V, L / N / PE**, **16 A slow-blow** fuse.
2. The power cord is also routed into the unit from below and then into the control box.
3. Connection to the **terminals marked in red** (Fig. 7): Phase conductor (L, brown) and neutral conductor (N, blue) to the power terminals; protective conductor (PE, green-yellow) to the PE busbar.
4. After connection: Check the protective conductor connection and the function of the emergency stop; document the test in accordance with VDE 0100-600.

NOTE:

Do not switch on the mains voltage until all steps 1 through 11 have been completed and no one is in the vicinity of the platforms.

COMMISSIONING AND BLOODING

After connection, air is present in the cylinders and hoses. This must be completely removed so that both platforms operate synchronously and smoothly.

! WARNING!

Initial commissioning must be performed exclusively without a vehicle or load.
The lift is not yet secured: No one is allowed on, under, or between the platforms. Keep both platforms and the lines in sight during every lifting and lowering operation. If you hear unusual noises, notice oil leakage, or feel anything getting caught, release the control immediately or press the emergency stop button.

1 FIRST LIFT CYCLE

1. Turn on the **main switch** on the power unit. Turn the emergency stop switch to the off position.
2. Press and hold the **“LIFT”** button (up arrow).
3. The platforms will initially rise **unevenly**. This is normal during the first lift, as the oil must first circulate through the cylinders and hoses.
4. As soon as a platform reaches the **height limit switch**, the lift stops.

2 BLEEDING THE HYDRAULICS

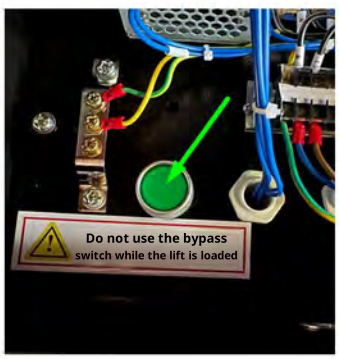


Fig. 13

1. Lift the **cover of the control box**. Inside, you will find the **green pushbutton** (Fig. 13). It temporarily bypasses the height limit switch.
2. Simultaneously press and hold **the green button and the “LIFT” button (up arrow)**.
3. Keep both buttons pressed until **no more air bubbles** are visible in the **transparent oil return hoses**.

4. Monitor the oil level while doing so: If the pump draws in air (the noise changes, foam in the tank), release the buttons and **add oil**.

! DANGER!

The green button is intended only for venting without a load (see sticker: "Forbidden to use bypass switch with load on the lift").
Never operate this button while a vehicle is on the platform! The height limit switch is disabled during this operation.

3 LOWERING AND CE STOP

1. As soon as no air is visible in the return hoses, release both buttons and close the control box cover.
2. Press and hold the **"LOWER"** button **(down arrow)**. Air bubbles will reappear in the return hoses—this is normal.
3. At **a height of** approximately **30 cm**, the platform stops automatically (**CE stop**). Make sure there are no feet or objects under the platforms.
4. Release the "LOWER" button and **press it again**. The platform will now lower completely to the ground.

4 REPEAT THE PROCEDURE AND CHECK FOR LEAKS

1. Repeat the entire procedure (raise to the limit switch—continue venting with the green button—lower completely) **a total of 3 times**.
2. After the third cycle, both platforms must raise and lower **evenly and in sync**.
3. Check the **entire hydraulic system for leaks:** all connections at the valve block, on the cylinders, and along the hoses.
4. Check the **oil level with the platform fully lowered** and top off with HLP 32 oil if necessary.

PRACTICAL TIP: If the platforms are still operating unevenly after three cycles, repeat the bleeding procedure (steps 1 and 2) until no difference is noticeable.

ALIGNMENT AND ANCHORING

1 PRECISELY ALIGNING THE PLATFORMS

1. Raise the platform without a load so that you have unobstructed access to the base frames.
2. Turn the main switch OFF and secure it against unauthorized activation (remove the key).
3. Align the base frames precisely:
    - **Distance between platforms: 900 mm** – measure the same distance at the front and rear.
    - **Parallel** to each other and with the **front edges aligned**.
    - **Check the diagonals:** The two diagonal measurements between the outer corners of the base frames must be equal.
    - Use a level to check that both base frames are resting flat and level across their entire surface.

! WARNING!

The ELVT5350 secures the raised load purely hydraulically and has no mechanical safety latches. When aligning and drilling, reach under the raised platform only as far as necessary. Additionally secure the platforms with suitable support blocks if you'll be working on the scissor lift for an extended period—

area.

2 ANCHORING THE PLATFORMS

Each platform is secured to the floor with **4 M14 heavy-duty anchors (Ø 14 mm)** —8 anchors in total.

1. Drill vertically into the ground **directly through the holes in the base frame** (Fig. 14) using a **Ø 14 mm** concrete drill bit. Drilling depth: anchor length plus approx. 10 mm. The base frame serves as a drilling template.
2. Thoroughly **clean each drill hole** with an air blower or vacuum (drill dust significantly reduces holding power).
3. Drive the **anchors** in as far as they will go with the nut and washer already attached.
4. Check **the spacing** (900 mm between the platforms) and parallelism again beforehand.
5. Tighten all anchors **to 80 Nm** using a **torque wrench** (for the anchors supplied).



Fig. 14

NOTE:
If an anchor cannot be tightened to 80 Nm (the anchor spins freely), the subfloor at that location is not load-bearing. Do not put the platform into service and contact us.

If a base frame is not resting flat on the ground due to minor unevenness, place steel plates under it at the anchor points before tightening the anchors.

Retighten the anchors to 80 Nm after approximately 1 week of operation.

COVERS AND ATTACHMENTS

1 INSTALL HOSE PROTECTIVE PLATES

The hose protection plates protect hoses and cables from being run over and prevent tripping hazards. The plates are installed in three areas:

1. **On the platforms:** The wide covers with cutouts are placed at the front of the base frame over the protruding cables (Fig. 15).
2. **Between the platforms:** Lay the straight cover profiles over the connecting lines between the two platforms (Fig. 16).
3. **Toward the power unit:** Line up additional profiles and, if necessary, the corner piece all the way to the power unit.
4. Lay the cables neatly and without crossing in the channel beneath the metal sheets so that they do not get pinched.
5. Secure the metal sheets to the floor using the fasteners provided.

CAUTION:

Do not drill the mounting holes for the metal plates through the hoses or cables underneath. First align the metal plates, set the lines aside, then drill



Fig. 15



Fig. 16

2 INSTALLING CYLINDER COVERS

Each platform comes with a cylinder cover featuring the TRUSTERS logo. Each cover includes 2 retaining brackets, 2 screws, and 2 locknuts (Fig. 17).

1. Raise the platform high enough so that you can easily access the hydraulic cylinders. Then turn off the main switch.
2. Place the cylinder cover onto the two hydraulic cylinders from the front.
3. Position the retaining brackets on the back side between or against the cylinders and insert the screws (Fig. 18).
4. Tighten the screws with the locknuts by hand until the cover is securely in place without rattling. Do not tighten them so much that the sheet metal deforms.
5. Raise and lower the platform completely once and check that the cover does not rub against anything and does not pinch any hoses.



Fig. 17


Fig. 18



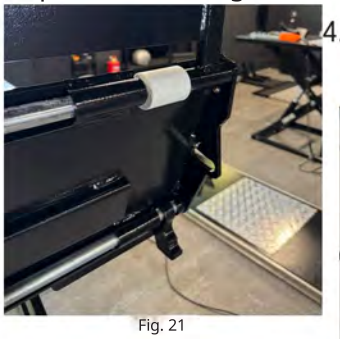
Fig. 19

3 INSTALLING HANDLES AND LOCKING PINS

A **handrail** and a **locking bolt** are installed on each access flap (4 of each in total, Fig. 20).

1. **Lift the flap upward** and **fold** the **locking mechanism upward** (Fig. 21). Only then will you have access to thread the handle **screws** through from **the inside to the outside**.
2. Place **the handle** in position from the outside and **tighten it securely** with the nuts (Fig. 22).
3. Next, screw the **bolt for the locking mechanism** into the threaded hole provided and tighten it (Fig. 23).
4. **Lower the flap and check its function:** The flap must move easily and lock securely.


Fig. 20


Fig. 21

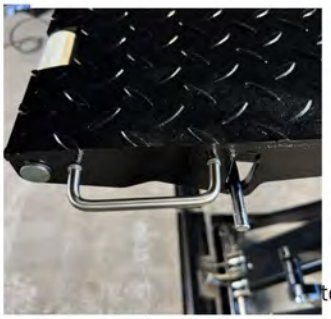

Fig. 22


Fig. 23


Fig. 24

Subject to printing errors and changes.

4 PLACE THE RUBBER PADS

Place the 4 rubber pads on the platforms. Before each lifting operation, position them under the mounting points specified by the vehicle manufacturer.

FINAL INSPECTION AND FIRST TEST DRIVE WITH A LOAD

1 CHECKLIST BEFORE THE FIRST TRIP

- ☐ The subfloor meets the requirements (concrete C20/25, min. 200 mm)
- ☐ Platforms are parallel, spaced 900 mm apart, with equal diagonal distances
- ☐ All 8 anchors installed and tightened to 80 Nm
- ☐ Control cables connected according to their numbers; terminals secure
- ☐ Power connection established and tested by a licensed electrician
- ☐ Hydraulic system fully bled; both platforms operate synchronously
- ☐ All hydraulic connections are leak-free (2 O-rings each on the hollow screws)
- ☐ Oil level is correct when the platform is lowered
- ☐ Height limit switch cuts off at the top
- ☐ CE stop stops the platform at approximately 30 cm during lowering
- ☐ Emergency stop switch functions properly
- ☐ Hose guard plates installed; no lines are pinched
- ☐ Cylinder covers, handrails, and locking pins installed
- ☐ Rubber pads are in place
- ☐ Inspection performed and documented by a qualified person (commercial use)

2 FIRST DRIVE WITH A LOAD

1. Drive a vehicle (max. 3,500 kg) onto the lift, **centering it** so that the engine side is positioned over the hydraulic cylinders (front).
2. Position the **rubber pads** under the vehicle's lifting points.
3. Lift the vehicle only about **10–20 cm**, then stop the platform. Check that the vehicle is resting securely on all four pads and is being lifted evenly.
4. Only then should you raise the lift **gradually** to the desired working height, while monitoring the platform, anchors, and hydraulic system.
5. Lower the vehicle **completely** (observe the CE stop) and check all hydraulic connections again for leaks.

! **DANGER**!

If the vehicle slips, tilts, or the platforms move unevenly: stop immediately, lower the vehicle, and correct the cause before continuing work.

3 ADJUSTING THE LOWERING SPEED


Fig. 25

The lowering speed is adjusted using the right-hand Allen screw on the front of the hydraulic pump.

To do this, loosen the lock nut. Perform the basic adjustment as follows: Screw the screw in all the way and then back it out about 1/4 turn.

The speed should be adjusted so that the lifting and lowering speeds are roughly the same.

After making the adjustment, tighten the lock nut again.

OPERATING INSTRUCTIONS

1 SAFE OPERATION

- Before each lift: Visually inspect the platform, hoses, and supports; ensure the work area is clear of people and objects.
- Distribute the vehicle’s weight evenly; never exceed the load capacity of 3,500 kg.
- During lifting and lowering, no persons are allowed in the vehicle, on, or under the platform.
- When lowering, always wait for the CE stop signal, remove your feet from the area under the platforms, and only then lower completely.
- After finishing work, lower the platform completely, turn off the main switch, and lock the control unit.

2 SAFETY RULES FOR THE ELECTRICAL CONTROL SYSTEM

Troubleshooting and repairs to the electrical system may only be performed by adequately trained personnel with the appropriate knowledge and skills.

The safety interlocks must not be modified or bypassed.

Before commissioning, read and observe all warnings and safety rules.
When troubleshooting, ensure that the power supply is disconnected and the main switch is locked.

Take special care in damp areas to prevent accidental ground faults.
Before turning on the power, make absolutely certain that no one is in the danger zone.

Open the control cabinet only if an inspection of the electrical system is necessary.

Do not modify electrical circuits without the manufacturer’s approval.

When replacing electrical components, ensure that they comply with the manufacturer's specifications, including the correct color coding.

The electrical connection must be made only by a qualified electrician.

OPERATION

Before putting the scissor lift into service, read the safety instructions; failure to follow these instructions may result in damage.

To prevent injury or property damage, only trained personnel may operate the scissor lift.

ACCESSING THE PLATFORM

To drive onto the platform, lower it all the way down and ensure that no one is near the platform.

Position the vehicle in the center of both guide rails and place the rubber pads at the vehicle's mounting points according to the vehicle manufacturer's instructions.

LIFTING

The platform is raised by pressing the **LIFT button (up arrow)**.

Check that the vehicle is securely secured at the mounting points specified by the manufacturer.

Press the "LIFT" button until the vehicle reaches the desired working height or the upper limit switch.

If the platform is tilted due to an uneven load, ensure that it is leveled when lowering. If necessary, lift the vehicle again and lower it once more.

LOWERING

Before lowering the platform, ensure that no objects or people are in the work area (danger zone).

Press the **LOWER button (down arrow)** to lower the platform.

The platform stops at approximately 30 cm above the ground. Pressing the **LOWER button** again lowers the platform all the way to the ground.

The vehicle may only be driven off when the platform is fully lowered.
Before driving the vehicle off, fold down the access ramps and remove the rubber blocks.

MAINTENANCE

Only qualified personnel may perform maintenance. Any operating error can result in property damage, injury, or death. The following maintenance tasks must be performed:

Interval	Maintenance work
Daily / before use	Visual inspection for oil leaks, damaged hoses, and cables; Emergency stop function
Monthly	Check oil level with the platform lowered; inspect the hinge pins and sliding points of the scissor lift for wear and lubrication; Inspect rubber pads
1 week after setup	Retighten anchors to 80 Nm
After 6 months	First oil change (HLP 32)
Annually	Oil change; retighten anchor; inspection by a qualified person with entry in the inspection log
After 3 years or 5,000 lifting cycles	Replace bushings on all joints, all seals, and all sliding parts ; change hydraulic oil and clean the filter screen
After 5 years	Replace hydraulic hoses

Before operation, check all safety devices and ensure they are in good working order. If any defects are found, adjust, service, or replace the parts in a timely manner.

Tighten the screws at regular intervals.

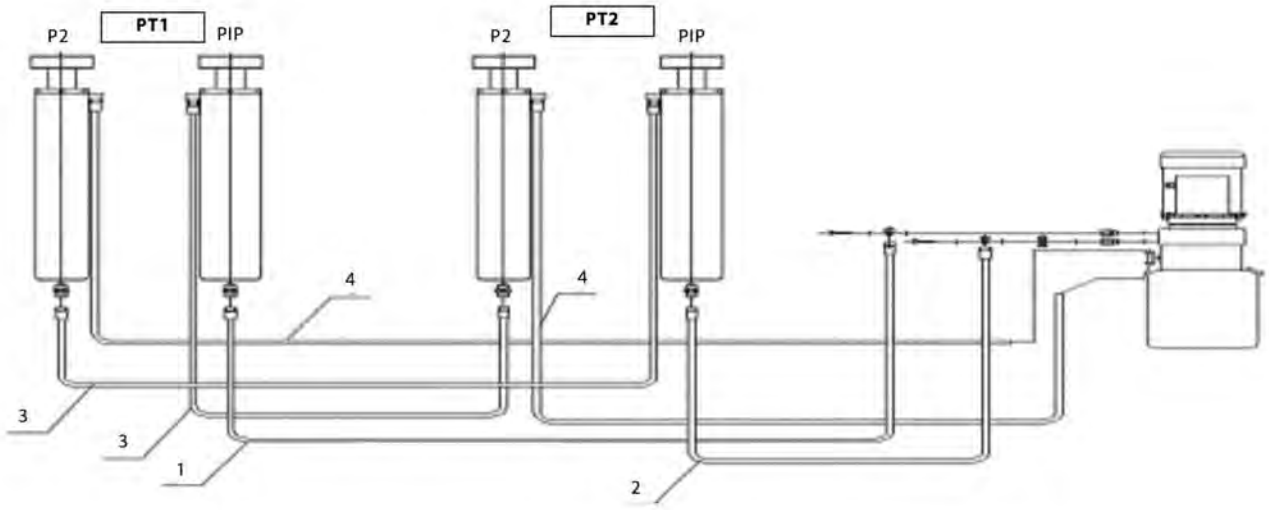
Check the air valve for leaks and ensure adequate lubrication.

Inspect cables and moving parts for wear. Replace worn or damaged parts only with genuine replacement parts.

TROUBLESHOOTING

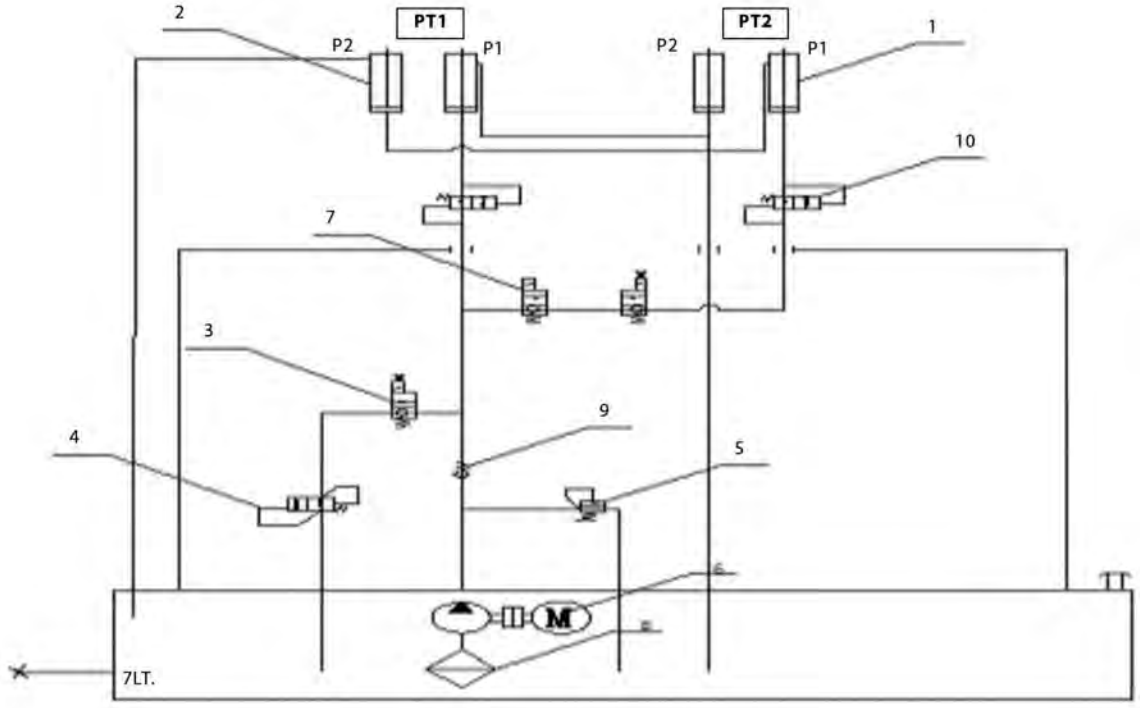
MALFUNCTION	CAUSE	REMEDY
Platforms do not lift evenly	Air in the hydraulic system	Repeat the bleeding procedure (see section “Commissioning and Bleeding,” steps 1–3)
The platform stops at the top and cannot be raised any further	The height limit switch has tripped – normal operation	No malfunction. Use the green button only for venting without a load
Platform stops at approx. 30 cm while lowering	CE stop – normal operation	Release the “Lower” button, check the area, then press it again
Motor runs, but the platform does not rise or rises only jerkily	Insufficient oil; pump is drawing in air	Check oil level, top off HLP 32, bleed
Platform does not respond to buttons	Main switch off, emergency stop pressed, fuse tripped, control cable incorrectly connected	Check main switch/emergency stop, check fuse (by a qualified electrician), check terminal connections by number
No stop at the limit switch or CE stop	Control cable incorrectly or loosely connected	**Take the platform out of service immediately**; check the connections according to cable numbers
Oil is leaking from the hollow screw	Seal missing/damaged; screw not tight	Lower the platform, relieve pressure, check/replace O-rings, tighten screw
Platform lowers slowly under load	Internal leak, valve is dirty	**Do not use the platform**; contact service

HYDRAULIC DIAGRAM



1	High-pressure hose, L = 4200 mm
2	High-pressure hose, L = 2,600 mm

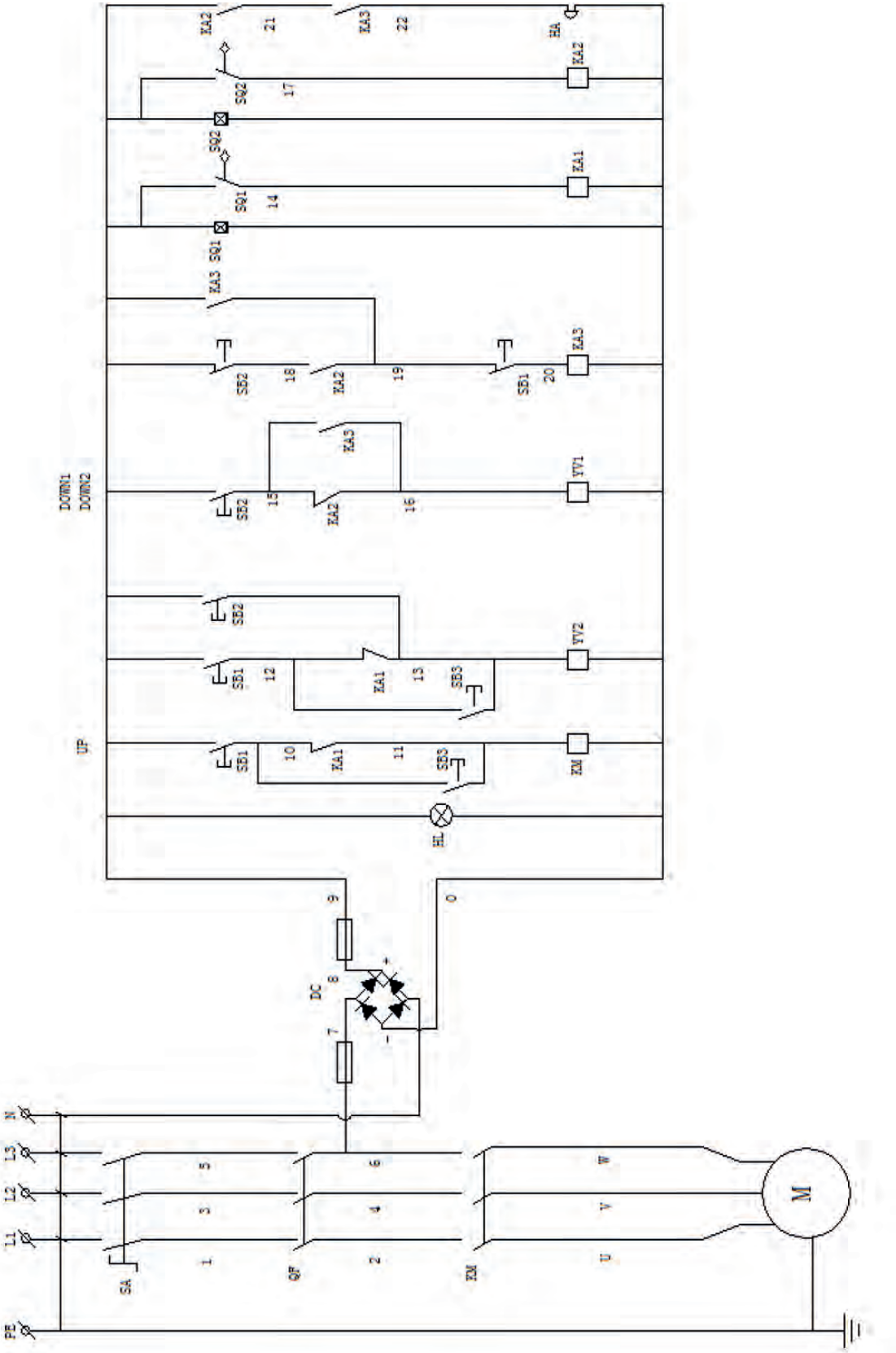
3	High-pressure hose, Type C, L = 2,600 mm
4	Oil pressure line



1	Master Cylinder
2	Auxiliary cylinder
3	Discharge valve
4	Control valve
5	Safety valve

6	Hydraulic power unit
7	Solenoid valve
8	Oil suction line
9	Shut-off valve
10	Lowering valve

ELEKTROSCHALTPLAN



SPARE PARTS LIST DOWNLOAD

You can download the latest spare part drawings and overviews here:

If you do not have a QR code scanner, you can also enter the following link into your web browser:

https://www.hebebuehne24.de/download/ersatzteilliste_trusters_elvt5350.pdf

CUSTOMER SERVICE

Monday through Friday: 8:00 a.m. to 4:00 p.m.

If you can’t find the right spare part or have other questions, we’d be happy to assist you:

- **Service Hotline: +49 8373 999910**
- **WhatsApp Service: +49 152 58135975**

DISPOSAL

When the lift has reached the end of its service life and is no longer operational, it must be rendered inoperable by draining the hydraulic oil.

These units are classified as hazardous waste and should be disassembled and disposed of in accordance with current regulations and guidelines. If the packaging does not contain hazardous substances and is not biodegradable, it must be disposed of appropriately.

CTI-CEM International Ltd
Unit 200 Greenogue Business Park,
Grants Lane, Rathcoole,
Co. Dublin. Ireland
Tel: +353 1 440 2567
Email: info@cti-cem.com

Certificate No: C-353-20-0326-26-01-A1

Date of Issue: 27 April 2026

Machinery Directive 2006/42/EC
EC TYPE-EXAMINATION CERTIFICATE

Holder:	REMO Hebebühnen GmbH
Holder Address:	Messerschmittstraße 10 87437 Kempten Deutschland
Product:	Scissor Lift
Model:	ELVT5350
Applied Standards:	Annex I of the Machinery Directive EN ISO 12100:2010 Safety of machinery - General principles for design - Risk assessment and risk reduction EN 60204-1:2018 Safety of machinery - Electrical equipment of machines - Part 1: General requirements EN 1493:2010 Vehicle lifts
TCF Reference No:	F-353-20-0326-26-01-A
Model Examined:	ELVT5350(202601001)
Special Conditions:	The certificate will be valid until 07 April 2027.

Based on the evidence presented in the above Technical Construction File (TCF), we certify that the products listed above meet the relevant Essential Health and Safety Requirements of the Machinery Directive. It is the manufacturer's responsibility to meet the requirements of all applicable directives before applying CE marking to the product.

This certificate was approved and signed on behalf of CTI-CEM International Ltd.

Eunice Yang (Operations Director)

CERTIFICATE OF FIRST COMMISSIONING OF THE LIFTING PLATFORM

ATTENTION

To maintain warranty coverage, the fully completed certificate of first commissioning must be returned to the manufacturer.

BY SIGNING, YOU CONFIRM THAT:

- the scissor lift has been properly unpacked and transported to the installation site
- the operator's manual has been read and understood
- the scissor lift has been installed on level ground
- the electrical connection was properly established
- the preparatory steps prior to commissioning were properly carried out
- The hydraulic oil has been topped off

No defects were found. There are no objections to putting the equipment into service.

Scissor lift, type _____, year of manufacture _____, serial no. _____

Date of purchase _____, Dealer address _____

_____

_____

Date: _____ Signature: _____

Operator's address

Send the form by fax to +49(0) 8373 9999199,
, or by email to mail@trusters.com

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4:00 p.m.)