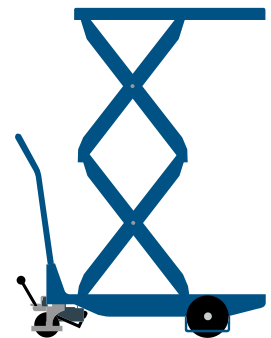
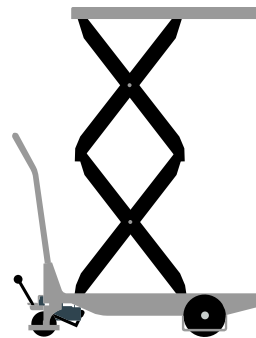
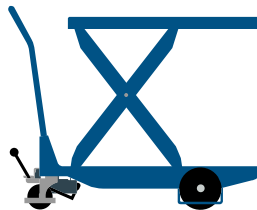
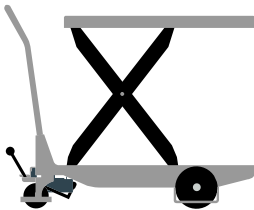




LIFTING TROLLEY

- User manual



Translation of original user manual
Part no.: 88266-07-en-GB
Producer: EdmoLift AB
Issue date: 2019-02-08

EDMOLIFT LIFTING TROLLEY

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1 Important information

Before you start using your EdmoLift product, it is important that you read and understand the content of this user manual in its entirety.

The user manual contains important safety and maintenance information and describes any problems that may occur during use. The user manual is also intended to teach you about the product's functions and properties and how to best use them.

Print the user manual and keep it near to the product, as important information regarding use, safety and maintenance may be required. Information can also be obtained from www.edmolift.com

All information, as well as images, illustrations and specifications are based on the product information that was available at the time of publication of this user manual. Images and illustrations found in the user manual are type examples, they are not intended to be exact depictions of different parts of the product. We retain the right to make changes to the product without prior information.

1.1 Technical support

For support or service, please contact your EdmoLift sales representative. Always state the serial number and machine type as per the machine plate, see section 8.5 *Machine plate*, page 35.

1.2 Spare parts and accessories

Visit www.edmolift.com/installation for more information and then contact your EdmoLift sales representative.

1.2.1 General

Only EdmoLift original spare parts may be used. Use of other parts invalidates the product warranty.

EdmoLift stocks all spare parts for standard products. It may sometimes be appropriate to hold some recommended spare parts in your own stock. We can suggest the appropriate stock for your specific conditions.

1.2.2 Ordering

When ordering spare parts, always state the serial number and machine type as per the machine plate. The machine plate is usually located on the crossmember at the lower arm mountings, see section 8.5 *Machine plate*, page 35.

State the part numbers of the spare parts according to the available spare parts information on www.edmolift.com/installation and state the required quantity. Also state the operating voltage regarding electrical components.

1.3 Recycling

This product is manufactured from recyclable materials or materials that can be reused. Specialised companies handle worn out products, dismantle them, and recycle materials that can be reused.



Caution

Spilled or used hydraulic oil must be handled as hazardous waste.



Caution

Electrical material and packaging is handled according to local regulations.

1.4 Warranty

This product is supplied with a warranty in accordance with the applicable agreement, which is stated in the order specification. The warranty covers material and manufacturing faults that may occur during the warranty period during normal use.

The warranty does not cover:

- Normal wear.
- Faults caused by insufficient maintenance.
- Faults caused by incorrect or careless use.

NB!

The seals on electrical equipment may not be broken, if they are, the warranty is deemed invalid.

Warranty repairs must first be approved by EdmoLift AB. Repairs must then be carried out by EdmoLift AB or a contracted partner or in accordance with the agreement made with your EdmoLift sales representative.

1.4.1 Returns

Always contact EdmoLift AB or your EdmoLift sales representative regarding any returns to obtain a return number. The return must be marked with your name, address and telephone number.

NB!

Returns without a return number will be destroyed upon receipt.

Worn, damaged or unusable parts must be returned within 30 days of receipt of the replacement part, if the fault is deemed to fall within the warranty conditions.

1.5 Product approval

This product can be used in a large number of different applications. This means the product is covered by many laws and regulations, issued for the whole EEA area (The EU countries as well as Norway, Iceland, Switzerland and Lichtenstein) and nationally.

This product is constructed according to standard EN ISO 3691-5, Industrial trucks, pedestrian-propelled trucks, which is a standard that gives approval under the Machinery Directive, when applied in full.

For this product we usually supply an EC declaration of conformity with the Machinery Directive, a 2A-declaration, based on EN ISO 3691-5.

In some cases, additions of accessories or to composition of an installation are made by a party other than EdmoLift, e.g. a machine installation or lift builder, or by the customer themselves. In such cases, EdmoLift issues a 2B-declaration, Declaration of incorporation of partially completed machine, and then the person or company responsible for completion must issue a 2A Declaration of Conformity.

NB!

This product can be used in applications not covered by the standard EN 3691-5 but by an other standard. Other use, not covered by other standards may also be considered. In such cases, an individual risk assessment and CE marking must be made according to the Machinery Directory.

2 Safety regulations

2.1 General

It is important to read and follow the instructions and safety precautions in this user manual before using the product.

EdmoLift AB is not responsible for any damage to product or property or personal injury, caused by the user or another person not following the recommendations, warnings and instructions contained in this user manual. EdmoLift AB accepts no responsibility for accidents or injuries caused by ill judgement.

2.2 Pay attention!

The user manual contains "warnings", which are intended to draw your attention to conditions that can lead to unwanted problems, incidents, personal injury or damage to the product etc.



Warning

Pay particular attention. Risk of personal injury as well as damage to the product and its surroundings.



Caution

Pay attention.

2.3 Applications



Warning

Use of this product for other applications or loading cases not described in this user manual is not permitted and invalidates the product warranty.

2.4 External safety measures



Warning

In addition to the product's built-in safety details, additional safety measures may be required on or next to the product. Discuss appropriate measures with EdmoLift AB or your EdmoLift sales representative, safety officer, inspector or equivalent. A risk assessment must be undertaken for the work area. Also see section 2.7.6 *Risks during use*, page 12.

2.5 Product selection

Warning

Choosing the right product starts with EdmoLift AB's loading conditions that apply to each application. Inclined loading, point loads or horizontal loads must be avoided, unless stated as permitted for the relevant case.

2.6 Prior to use

Warning

Before each shift, check that the product is in good working order and that all safety devices are intact. Any faults must be rectified before the product is used.

The operator must have a clear view of the lift trolley and work area during operation. Risk of personal injury.

2.7 Operation

2.7.1 General



Warning

This product should only be used by authorised trained personnel for its intended use. Remember that you, as the user, have responsibility for anyone being injured!

This product must be operated gently, carefully and attentively. This increases safety and reduces maintenance costs and the risk of operational stoppages.

The product must not be overloaded, this can cause a risk of accidents resulting in personal injury and/or property damage.

Do not raise the platform if the space above it is not clear of obstructions.

The platform must not be moving during loading and unloading.

Do not lower the platform if the area beneath it is not clear of people or other obstacles

Do not use the product in connection with welding, if it is not especially adapted for it. The surface finish of the product can produce hazardous gases during welding or grinding. Use suitable protection and work methods.

This product must not come into direct contact with food unless specially adapted.

When used in public environments, especially where people can enter the machine's work area, the operator must take appropriate actions to prevent people entering the risk area. A risk assessment according to the Machinery Directive must be established for the relevant work situation.

Do not let any part of your body come into contact with hydraulic oil, as it can cause allergic reaction.

2.7.2 Carriage of persons



Warning

This product is not intended for the carriage of persons.

2.7.3 Protective equipment



Warning

Use protective footwear and other necessary protective equipment required for the work tasks.

2.7.4 Centre of gravity

Warning

Always try to distribute the load evenly on the platform in order to avoid instability. Avoid loads that extend beyond the platform and always make sure that the load is firmly positioned and, if necessary, is also securely fastened.

This product should not be used for handling free-swinging loads.

Under no circumstances must the rated load be exceeded, as this creates a personal injury risk and damage risk to the product and its surroundings. See section 9.2 *Permitted load distribution*, page 36.

2.7.5 Surroundings

Warning

The standard version of the product is designed for indoor use in environments with normal humidity and temperatures of +5 to +40°C.

When working close to machines there are usually crushing risks. Observe caution, there is a risk of personal injury and property damage!

Never let the moving parts come into contact with surrounding objects. Ensure that applicable regulations and norms regarding safety distances are met.

Do not use the product in a potentially explosive environment if it is not specially adapted for it.

EdmoLift products are not insulated against electrical currents and do not give any protection against contact with live objects and cables.

Always keep a safe distance from live objects and cables.

2.7.6 Risks during use

This section states some risks and examples of measures to prevent them. Certain accessories that increase safety or contribute to increased efficiency can be found in “Examples of measures”.

NB!

The list does not consist of all possible risks and is only intended for use as a guide when establishing an individual risk assessment.

	Risk	Example of measure
General risks	Unauthorised use.	• Training. • Instructions. • Clear labelling. • Lockable main switch. • Lockable control device. • Separate the work area.
	Unauthorised entry under raised platform.	• Clear labelling. • Protective mesh or protective bellows. • Cordon off the work area.
	Overloading.	• Training. • Instructions. • Clear labelling. • Adjust the load.
	Operation error.	• Training. • Instructions. • Clear labelling.
	Applicable laws and regulations not met.	• Perform a risk assessment. • Check applicable laws and regulations for the installation.
	Diminished performance. Shortened service-life.	• Adjust the usage intensity. • More frequent service intervals and inspections.

	Risk	Example of measure
	Risks at the interface around the lifting trolley.	• Perform a risk analysis for the installation. Ensure clear view.
	The installation is not CE labelled.	• Establish action plan to CE label the installation.
	Crushing risk.	• Training. • Instructions. • Clear labelling. • Check that the necessary safety distances are met according to the applicable standards.
	Material can fall off.	• Securing devices. • Location of work place. • Prevent access to risk area.
	Instability.	• Training. • Instructions. • Clear labelling. • Observe load distribution. • Check attachment. • Note lateral forces and stabilize as necessary.
Surroundings	Extreme ambient temperatures.	• Use correct oil type. • Heat/cool the area.
	Fire risk.	• Use correct oil type.
	Environmental impact.	• Biodegradable oil. • Oil collection receptacle.
	Foodstuff impact.	• Foodstuff approved oil. • Adapt the cleaning agent according to surface treatment.
	Moisture impact.	• Control moisture content. • Adapt corrosion protection.

	Dust impact.	• Control dust content. • Equip with bellows around mechanism.
	Weather impact.	• Protect from rain. • Adapt corrosion protection. • Equip with bellows around mechanism. • Note lateral forces and stabilise as necessary.
Moving lifting trolleys with or without load.	Collision with persons or other objects. Uneven surfaces cause overturning. Material falls off.	• Movement must occur carefully and with clear view of the surroundings. • Take the size of the load and position of the platform, into account, the load must be secured. • The platform must be in the bottom position when moved.

2.8 Maintenance



Warning

Regular inspection, maintenance and cleaning is important to maintain low maintenance costs, a high level of safety as well as a long service life for the product.



Warning

No load should be on the platform during inspection and service work. Risk of personal injury.

During inspection and service work under the platform, the maintenance chocks must always be positioned in the locked position, see section 4.4 *Locking lowering motion*, page 25. Risk of personal injury.



Caution

Spilled or used hydraulic oil must be handled as hazardous waste.

3 Design and function

3.1 General

EdmoLift lifting trolleys are intended for use as work tables, which can be comfortably moved between different workplaces, with or without load. Typical uses are, for example, for tool exchange, assembly, service and repair on machines and control cabinets, loading and stacking of components by machine tools and within warehousing.

Movement between different workplaces must always occur with the load in a lowered position.

The lifting trolleys are available with a foot pump or integrated battery operated hydraulic power pack with associated battery charger. Large easy-to-roll wheels with double brakes on the swivel wheels make the trolley safe and easy to manoeuvre.

3.2 Scope of delivery

EdmoLift lift trolleys are supplied test operated with standard hydraulic oil, according to ISO 32 (see order specification regarding alternatives).

Battery operated lift trolley comes with a battery charger intended for connection to 230VAC, 50Hz. The control system is 12V DC powered.

In standard form the product is painted in the following colours:

- Blue = RAL 5002
- Black = RAL 9005
- Aluminium = RAL 9006

3.3 Mechanical construction

EdmoLift lifting trolleys consist of two or more scissor arms with a single-acting cylinder. The lift and lower movements of the scissor arms are synchronised by being mechanically joined.

EdmoLift lifting trolley has a chassis with two fixed wheels and two castors. The castors have a parking brake. The brakes must be activated to prevent accidental movement when handling materials on the table, or if the lifting trolley is standing on a sloping surface.

A handlebar is used to easily move the lifting trolley.

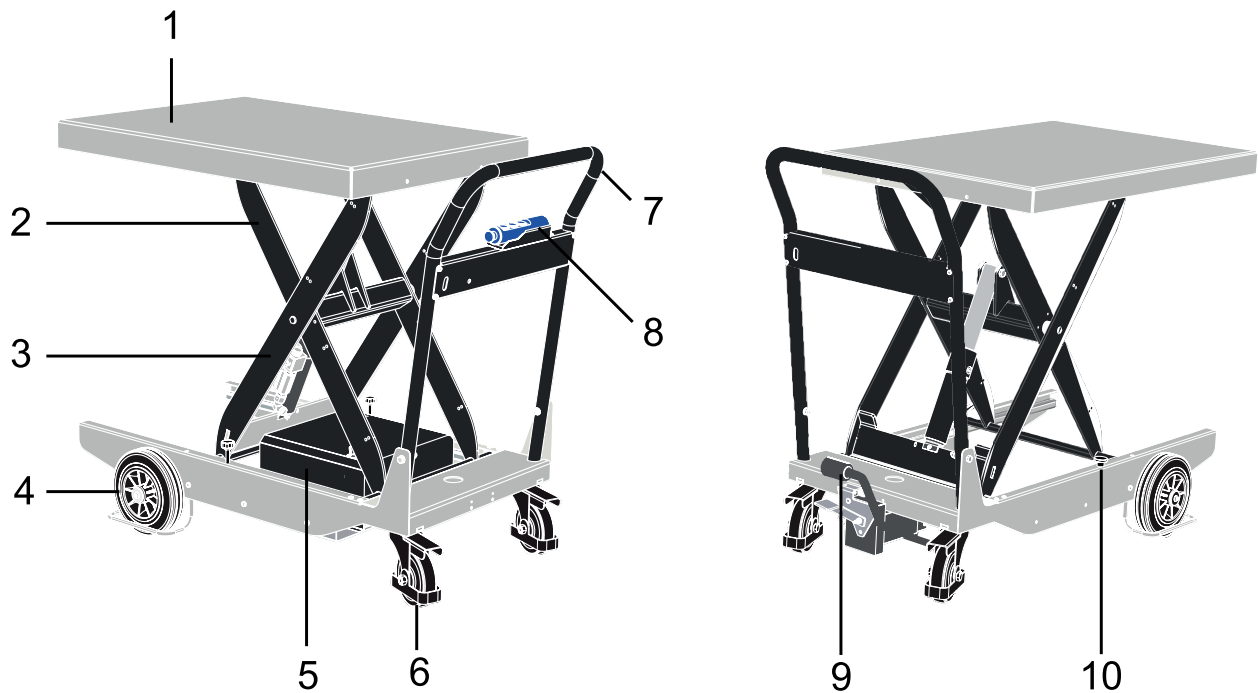


Image 1 Overview

- | | |
|-------------------------|--------------------------------------|
| 1. Platform | 6. Castors with brakes |
| 2. Inner scissor | 7. Handlebar |
| 3. Outer scissor | 8. Control device (battery operated) |
| 4. Wheel | 9. Foot pump (manually operated) |
| 5. Hydraulic power pack | 10. Maintenance chock |

3.4 Control devices

3.4.1 General

The control device consists of control buttons for operation as well as an emergency stop.

1. Emergency stop
2. Up
3. Down

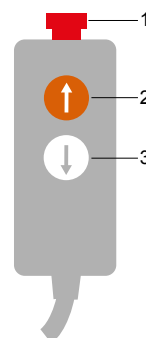


Image 2 Control devices

3.4.2 Emergency stop

There is an emergency stop on the control device. This is red, clearly marked and used in emergencies to stop all electrically powered functions.

3.4.3 Control buttons

There are up and down control buttons on the control device. The buttons have a so-called dead man's grip function, which means that when the control button is released the platform stops moving.

3.5 Hydraulic system

In order for the hydraulic system to work optimally, it is important to use the correct type of hydraulic oil and ensure a high level of cleanliness.

EdmoLift lift trolleys come with an integrated, manual or battery operated single acting hydraulic system as standard. Due to the product's wide range of use, the hydraulic system is usually adapted individually. The relevant hydraulic and wiring diagrams are enclosed on delivery.

3.5.1 Hydraulic pump

The hydraulic pump supplies the product's hydraulic cylinder with oil, via hoses and/or pipes as well as valves, and powers the hydraulic function.

3.5.2 Hydraulic cylinder

EdmoLift lift devices are equipped with a hydraulic cylinder that powers the different functions. The standard hydraulic cylinder is single acting.

3.6 Electrical and control systems

3.6.1 Battery charger

Battery charger built into the lifting trolley. The charger plug is connected to a 220–240 VAC wall socket. The charger controls the charging current and automatically switches off when the batteries are fully charged. For information about the battery charger, refer to the manufacturer's manual. For electrical diagram, see section 10 *Wiring*, page 37.

4 Operation

4.1 General

After use, the platform must be lowered to the bottom position.



Warning

This product should only be used by authorised trained personnel for its intended use. Remember that you, as the user, have responsibility for anyone being injured!

This product must be operated gently, carefully and attentively. This increases safety and reduces maintenance costs and the risk of operational stoppages.

The product must not be overloaded, this can cause a risk of accidents resulting in personal injury and/or property damage.

Do not raise the platform if the space above it is not clear of obstructions.

The platform must not be moving during loading and unloading.

Do not lower the platform if the area beneath it is not clear of people or other obstacles

Do not use the product in connection with welding, if it is not especially adapted for it. The surface finish of the product can produce hazardous gases during welding or grinding. Use suitable protection and work methods.

This product must not come into direct contact with food unless specially adapted.

When used in public environments, especially where people can enter the machine's work area, the operator must take appropriate actions to prevent people entering the risk area. A risk assessment according to the Machinery Directive must be established for the relevant work situation.

Do not let any part of your body come into contact with hydraulic oil, as it can cause allergic reaction.

4.2 Prior to use



Warning

Before each shift, check that the product is in good working order and that all safety devices are intact. Any faults must be rectified before the product is used.

The operator must have a clear view of the lift trolley and work area during operation. Risk of personal injury.



Warning

Always try to distribute the load evenly on the platform in order to avoid instability. Avoid loads that extend beyond the platform and always make sure that the load is firmly positioned and, if necessary, is also securely fastened.

This product should not be used for handling free-swinging loads.

Under no circumstances must the rated load be exceeded, as this creates a personal injury risk and damage risk to the product and its surroundings. See section 9.2 *Permitted load distribution*, page 36.

4.3 Control

NB!

The electrical equipment enters power saver mode after 30 minutes of inactivity, any button (up or down) must then be pressed to activate the electrical equipment. Then it works normally.

After 60 minutes of inactivity, the electrical equipment enters sleep mode, which requires the emergency stop to be activated and deactivated in order to activate the electrical equipment. Then it works normally.

EdmoLift lifting trolley should be operated gently, carefully and attentively! The operation functions occur with a dead man's grip function, i.e. when a control button is released the platform stops in its current position. After use, the platform must be lowered to the bottom position. If there is a risk of unauthorised use, the control device can be locked.

Check that there is no risk of injuring anyone or damaging anything when lowering the platform. Pay particular attention so that the platform or load does not extend over an object on which it can be suspended.

1. Emergency stop
2. Up
3. Down

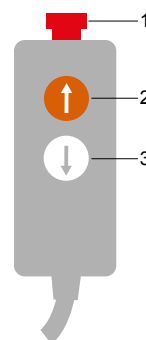


Image 3 Control devices

4.3.1 Emergency stop

4.3.1.1 Activation

Depress the emergency stop to stop all electrical functions.

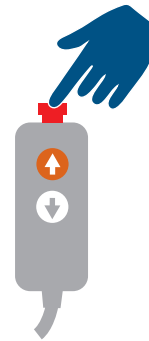


Image 4 Activation of emergency stops.

4.3.1.2 Resetting

Turn the emergency stop clockwise to reset.



Warning

Emergency stops may only be reset after the cause of the emergency stop has been established and operation can be restarted safely.

NB!

Resetting emergency stop only allows movement to restart, no function is activated automatically at reset of the emergency stop.

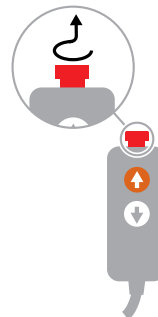


Image 5 Resetting emergency stops.

4.3.2 Up

4.3.2.1 Manual foot pump

Pump the foot pump to raise the platform.



Image 6 Up

4.3.2.2 Electric hydraulic power pack

Press and hold the up button to raise the platform. Movement stops as soon as the button is released.

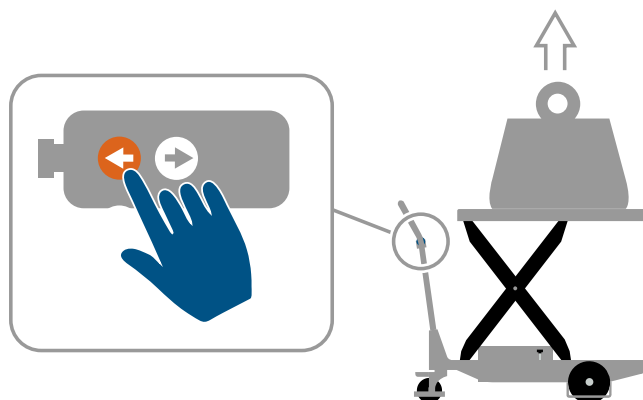


Image 7 Up

4.3.3 Down

4.3.3.1 Manual foot pump

Press the lowering control to lower the platform. Movement stops as soon as the control is released.

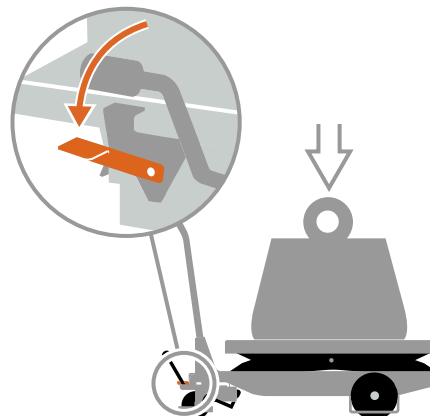


Image 8 Down

4.3.3.2 Electric hydraulic power pack

Press and hold the down button to lower the platform. Movement stops as soon as the button is released.

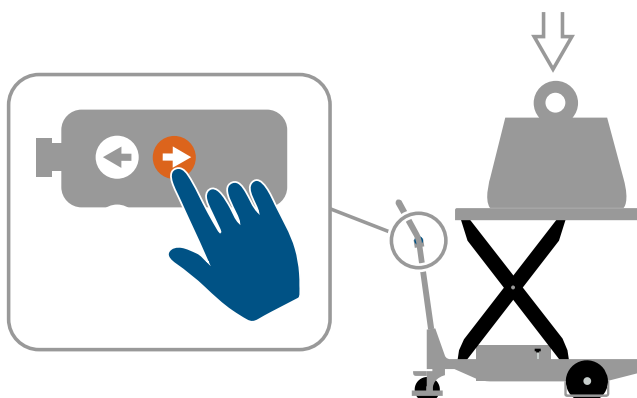


Image 9 Down

4.4 Locking lowering motion

Warning

No load should be on the platform during inspection and service work. Risk of personal injury.

During inspection and service work under the platform, the maintenance chocks must always be in the locked position. Risk of personal injury.

Always cut the operating voltage before starting service work. Risk of personal injury.

4.4.1 Activating maintenance chock

1. Raise the platform without load until the knobs can be moved to the chock position.
2. Place the knobs in the chock position.

Warning

Chocking should always be done on both sides of the outer scissor arms. Risk of personal injury!

3. Gently lower the platform until the scissor arms rest on the respective knobs.

4.4.2 Deactivating maintenance chock

1. Raise the platform without load until the knobs can be moved to the deactivated position.
2. Place the knobs in the deactivated position.
3. Lower the platform to its lowest position. Then run a complete lift cycle unloaded.

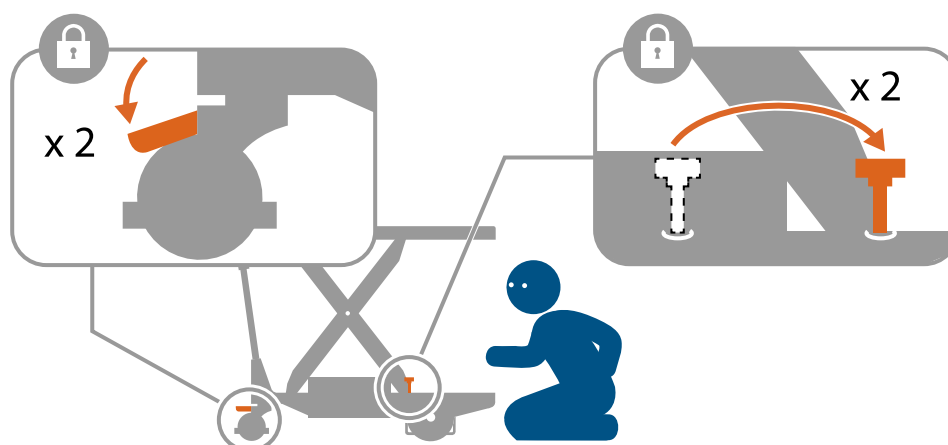


Image 10 Activating/Deactivating maintenance chock.

4.5 Charging the battery

The batteries are maintenance-free AGM-type lead acid batteries. They are completely enclosed and do not need to be checked. However, the batteries must be kept dry and clean. The batteries must be kept as fully charged as possible. Therefore, charging is recommended after each shift. Unless otherwise requested, the battery charger is supplied for connection to single phase 220-240VAC 50 Hz.



Caution

Before connecting the lifting trolley's charger to the power supply, check that its voltage corresponds with the mains voltage.

NB!

Discarded batteries must be treated as hazardous waste!

1. Connect the charger plug to the socket on the lifting trolley.
2. Connect the charger plug to the wall socket 220-240VAC 50hz. Turn on the charger, the charger controls the charging current automatically and turns off when the batteries are fully charged.

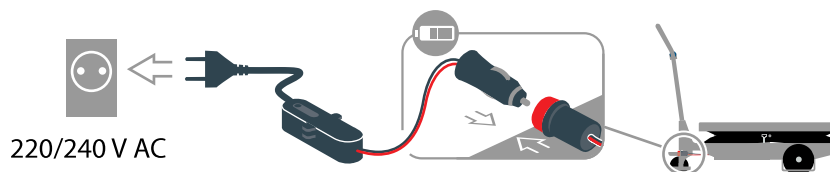


Image 11 Charging the battery

5 Maintenance

The following maintenance must be performed regularly, approx. 4 times/year or at intervals of 1000 lift cycles if this occurs first. Certain types of operating conditions and work environments can require shorter service intervals. Discuss the appropriate service interval with your EdmoLift sales representative.

All inspection, servicing and repair work must be performed by skilled personnel with the required knowledge, in order that the work is carried out in a professional manner. Always replace defective and damaged parts.

Only EdmoLift original spare parts may be used. Use of other parts invalidates the product warranty.

For detailed information about repairs, contact an EdmoLift sales representative.



Warning

Regular inspection, maintenance and cleaning is important to maintain low maintenance costs, a high level of safety as well as a long service life for the product.



Warning

No load should be on the platform during inspection and service work. Risk of personal injury.

During inspection and service work under the platform, the maintenance chocks must always be positioned in the locked position, see section 4.4 *Locking lowering motion*, page 25. Risk of personal injury.



Caution

Spilled or used hydraulic oil must be handled as hazardous waste.

5.1 Hydraulic system

- Check that oil reservoirs, pipes, hoses, couplings and hydraulic cylinders are not damaged or leaking. Rectify any leaks and replace damaged parts.
- Check the fluid level. Top up if necessary.

If the oil is dirty, it must be changed.

EdmoLift lifting trolleys are supplied with standard hydraulic oil according to ISO 32 (see order specification regarding alternatives).

NB!

Maximum oil volume in the tank is reached when the platform is in the bottom position.

5.2 Electrical equipment

- Ensure that all electrical equipment works as intended.
- Function test all emergency stops, see section 4.3.1 *Emergency stop*, page 22.
- Inspect all cables. Check that they are not loose or pinched. Rectify as required. Replace any damaged cables.

5.3 Mechanical equipment

- Check that wheels and pins are properly secured.
- Check that there is no excessive bearing play.
- Check for fractures or bursts.
- Check that all warning signs are present and legible, see section 8 *Labels and signs*, page 33.

6 Installation

Simplified installation instructions with illustrations accompany the delivery. If missing, they can be downloaded from www.edmolift.com/installation.

NB!

Check the product for transport damage.

Do not lift the lifting trolley, it can become damaged resulting in malfunctions.

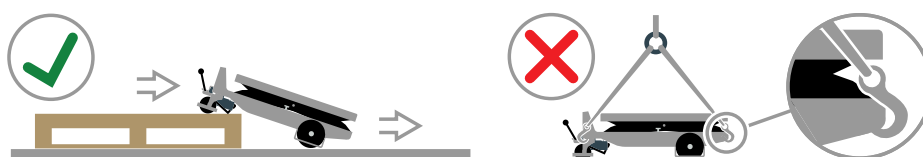


Image 12 Do not lift by the lifting trolley.



Warning

Never let the moving parts come into contact with surrounding objects. Ensure that applicable regulations and norms regarding safety distances are met.

Ensure that the product is used on a flat and horizontal surface. There is otherwise a risk of tilting.

The floor must have sufficient bearing capacity for the product, including load.

Minimise crushing risks when using next to other equipment and ensure that required safety distances are met according to applicable norms and local regulations.

On lifting trolleys with battery operated hydraulic power pack, make sure that the specified voltage of the battery charger matches the voltage of the mains supply.

1. Position the lifting trolley in a prepared location, the base must be flat and have sufficient bearing capacity.

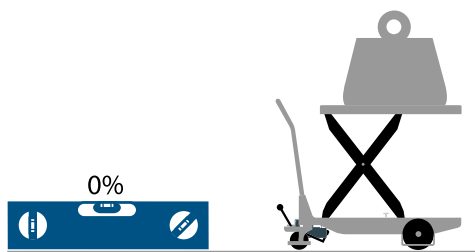


Image 13 Place the lifting trolley on a flat base with sufficient bearing capacity.

2. Lock the castors by pushing down the slider above each wheel.

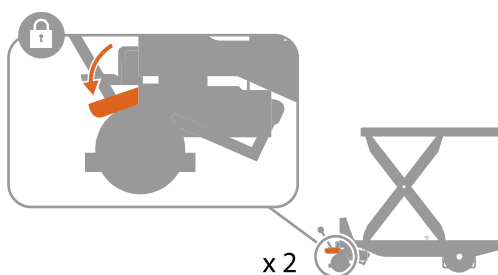


Image 14 Press down on the slider to lock the castors.

3. Mount the lifting trolley handle with the intended screws.

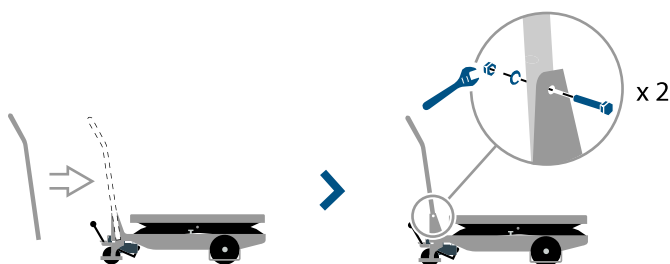


Image 15 Mount the lifting trolley handle

4. Check that all control device functions, including emergency stops, work.
5. Check that all labels and signs are intact and in their correct position, see section 8 *Labels and signs*.

7 Troubleshooting

This section contains a troubleshooting guide that describes a number of errors and events that may arise when using your product as well as suggestions for corrective action. Note that this guide does not describe all the problems and events that may arise. If in doubt, you should always contact an EdmoLift representative.

Symptom	Possible cause	Solution
Motor will not start.	Low battery charge.	Charge the battery.
No lifting motion.	The pressure relief valve opens	Lift trolley overloaded. Remove the excess load.
	Lowering valve not closed	Ensure that the lowering control is not damaged or in need of adjustment.
	Other causes.	Contact EdmoLift.
Maximum lift movement not reached.	Insufficient fluid.	Top up with fluid, not more than the top position. Too much fluid can cause fluid to flow out of the tank during lowering.
	The pressure relief valve opens.	Lifting trolley overloaded. Remove the excess load
Jerky lift or lowering movement.	Air in the hydraulic system.	Check the fluid level. Run the product 2-3 times at 5 minute intervals.
Platform does not lower.	Lowering valve does not open	Ensure that the lowering control is not damaged or in need of adjustment.
	Maintenance chock in activated position	Deactivate maintenance chock

Symptom	Possible cause	Solution
The platform drops without the lowering control or down button being activating.	Dirt in the hydraulic system.	1. Run the product a few times to remove any particles from the valve seats. 2. Remove the lowering valve cartridge and clean. 3. Replace lowering valve cartridge and change fluid.
Lowering speed is faster or lower than desired.	Lowering valve not closed	Ensure that the lowering control is not damaged or in need of adjustment.

8 Labels and signs

Regularly check that the labels and signs on the product on delivery are intact, legible and in the correct language. Damaged or illegible labels must be replaced with new ones.

In special cases, other locations than those shown here may apply. In addition, further labels may be applied in connection with certain accessories or usage situations.

The following signs must be installed:

1. EdmoLift labels, 2 x. See section 8.1.
2. Warning label, 1 x. See section 8.4.
3. Max. load labels, 2 x depending on model. See section 8.2.
4. Machine sign, 1 x. See section 8.5.
5. Maintenance label, 1 x. See section 8.3.

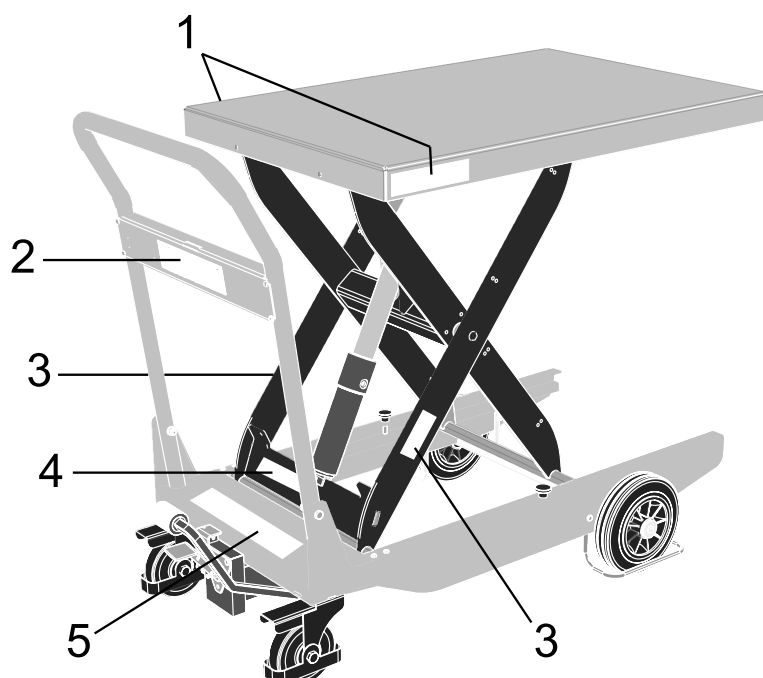


Image 16 Labels and signs

8.1 EdmoLift label

Label with logo and web address.



Image 17 EdmoLift label

8.2 Max. load label

The label indicates the maximum permitted load for the product. The label must be positioned so that it is clearly visible from all operating locations.



Image 18 Max. load label

8.3 Maintenance label

The label indicates that work inspection under the platform is not permitted unless the maintenance chocks are in the maintenance position.



Image 19 Maintenance label

8.4 Warning label

The label provides information about load distribution, permitted or non-permitted carriage of persons, the position of the maintenance chocks and encourages reading of instructions before use and service work.



Label for non-permitted carriage of persons

Label for permitted carriage of persons

Image 20 Warning label

8.5 Machine plate

The machine plate contains the following information:

1. Product type
2. Year of manufacture
3. Hydraulic pressure
4. IP class
5. Serial number
6. Max. load
7. Dead weight

					
TYPE		MAN YEAR	PRESSURE	IP-CLASS	
SERIAL NO.		MAX. ED LOAD		DEAD WEIGHT	
EdmoLift AB			Tel. no +46 (0)611 837 80		
Härnösand, Sweden			b2b@edmolift.se		

Image 21 Machine plate

8.6 User plate

The user plate contains product specifications as well as information about operation and safety. This plate must be sited alongside the operator's operating position, if local regulations so require. User plates are supplied when stated in the order specification.

9 Technical data

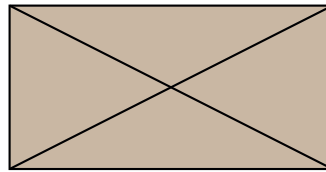
9.1 Specifications

For technical specifications, see order specification.

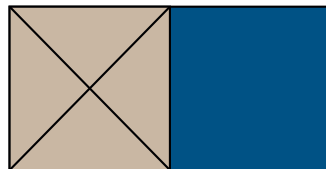
9.2 Permitted load distribution

Max. load stated in the technical specifications regards loads evenly distributed across the entire platform.

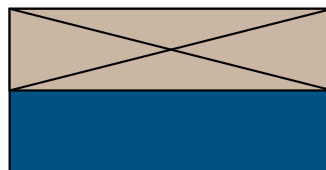
100 % of the max. load distributed across the entire platform.



or 50 % of the max. load distributed across half the platform longitudinally.



or 33 % of the max. load distributed across half the platform laterally.



9.3 Max. lateral loading

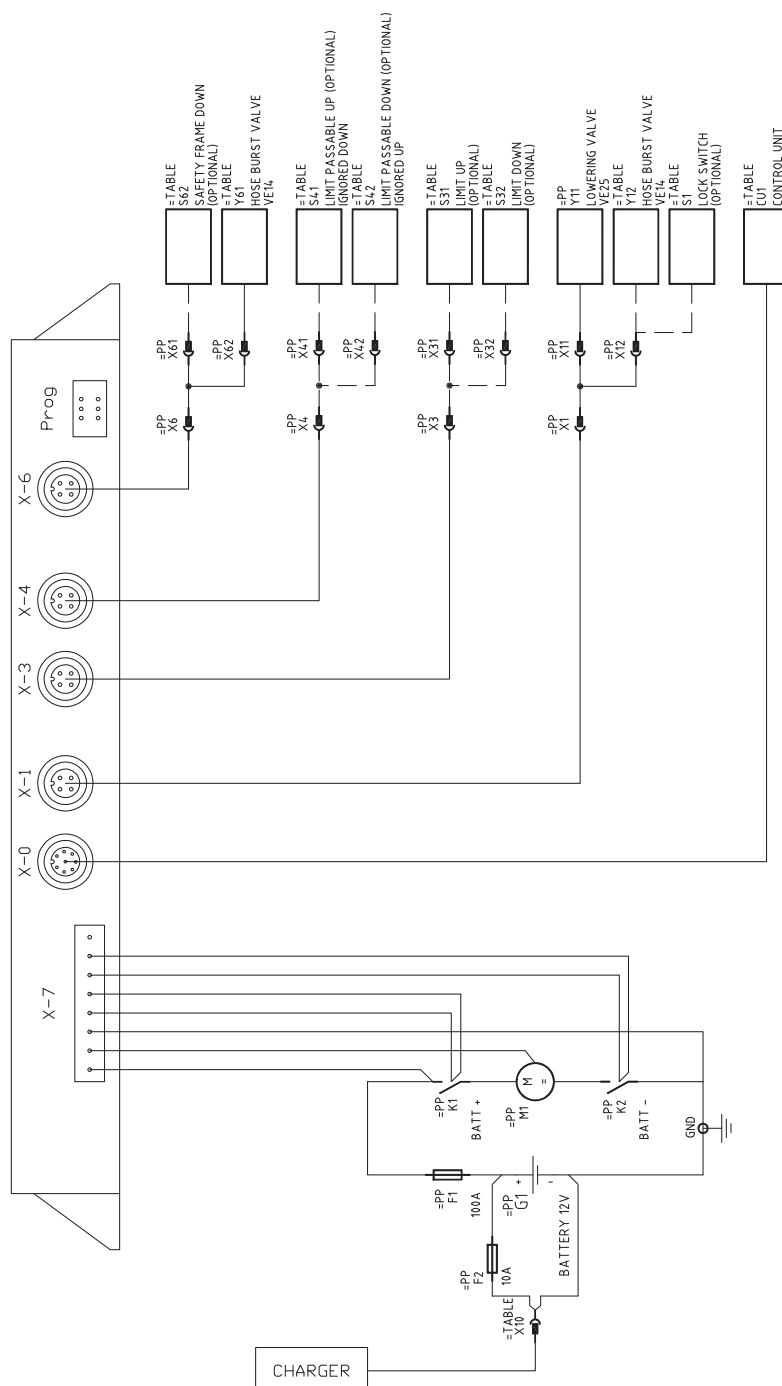
Lateral forces occur, for example, when pressure is applied to the lift or the load by hand tools, or by pulling a tool or machinery part onto the Lift tables platform. If the lateral force is applied to the load, the tipping torque increases, which can cause the load to become unstable or move.

NB!

It is very difficult to estimate the size of the actual lateral force, so utmost care must always be taken.

10 Wiring

10.1 Battery operated hydraulic power pack



Note: All components drawn are not always included. Safety Frame, Limit Up/Down and Passable Up/Down switches are optional

Image 22 Battery operated hydraulic power pack (39100r1-1)

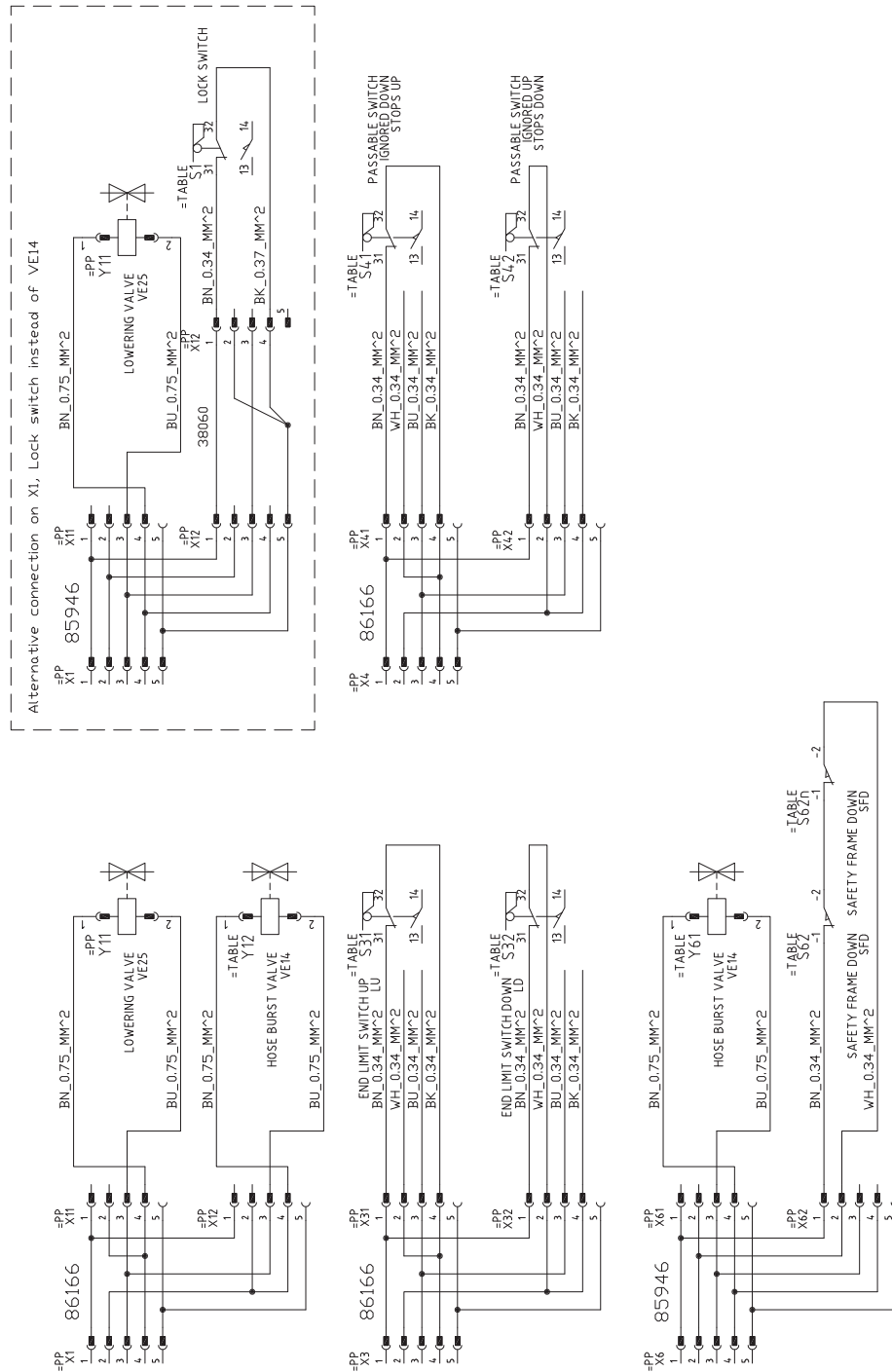


Image 23 Battery operated hydraulic power pack (39100r1-2)

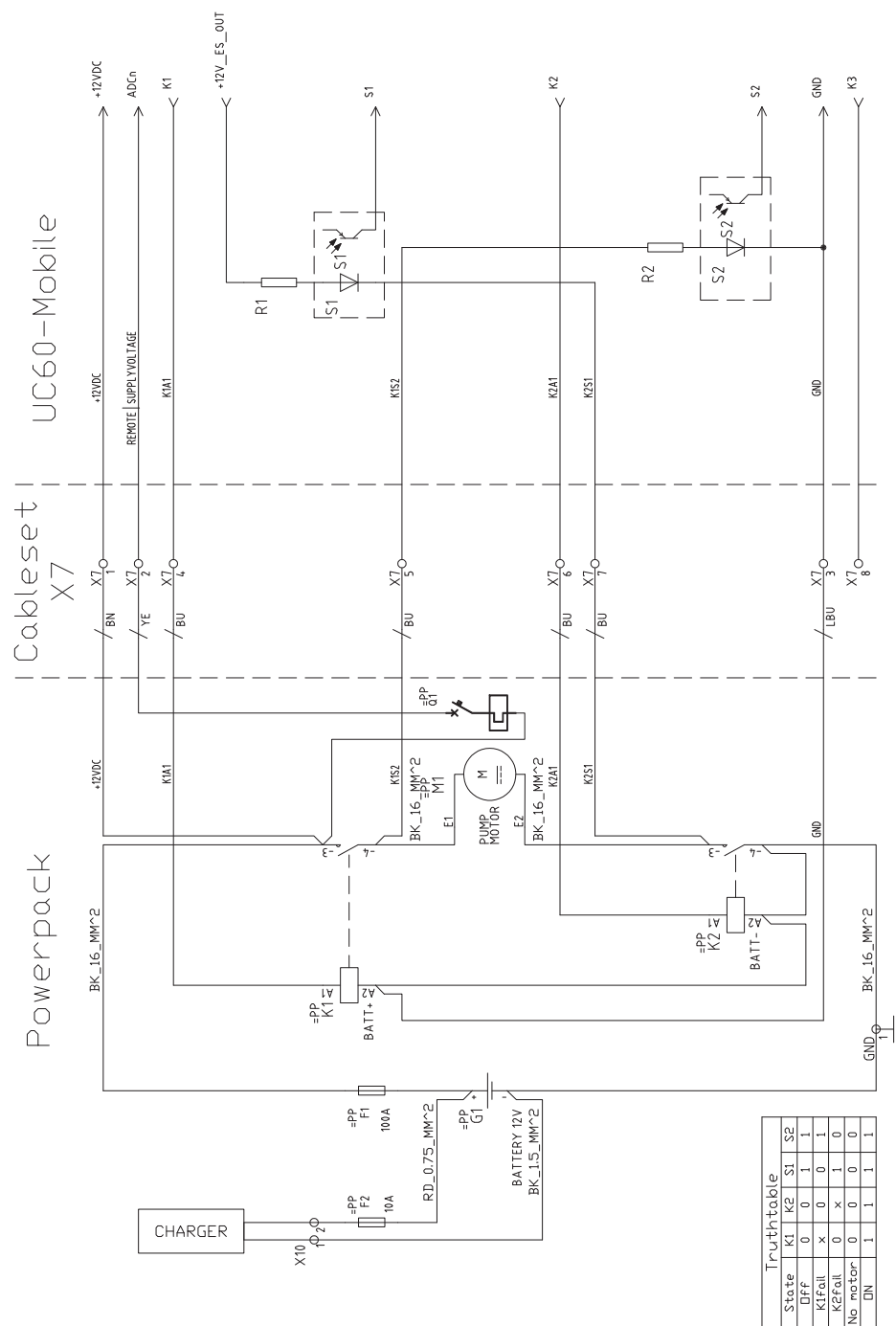


Image 24 Battery operated hydraulic power pack (39100r1-3)

11 Hydraulic diagram

11.1 Battery operated hydraulic power pack

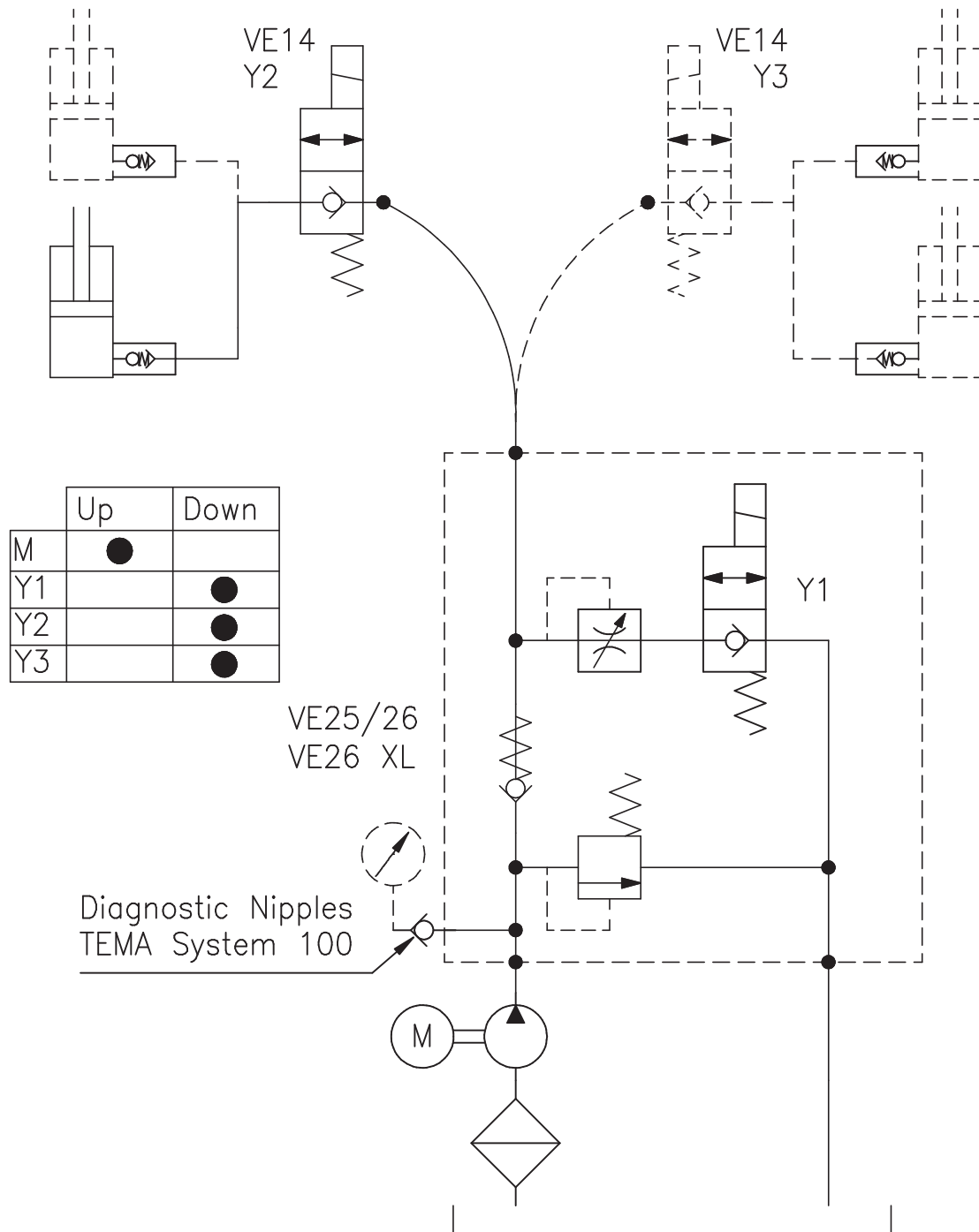


Image 25 Battery operated hydraulic power pack (45276)

11.2 Manual foot pump

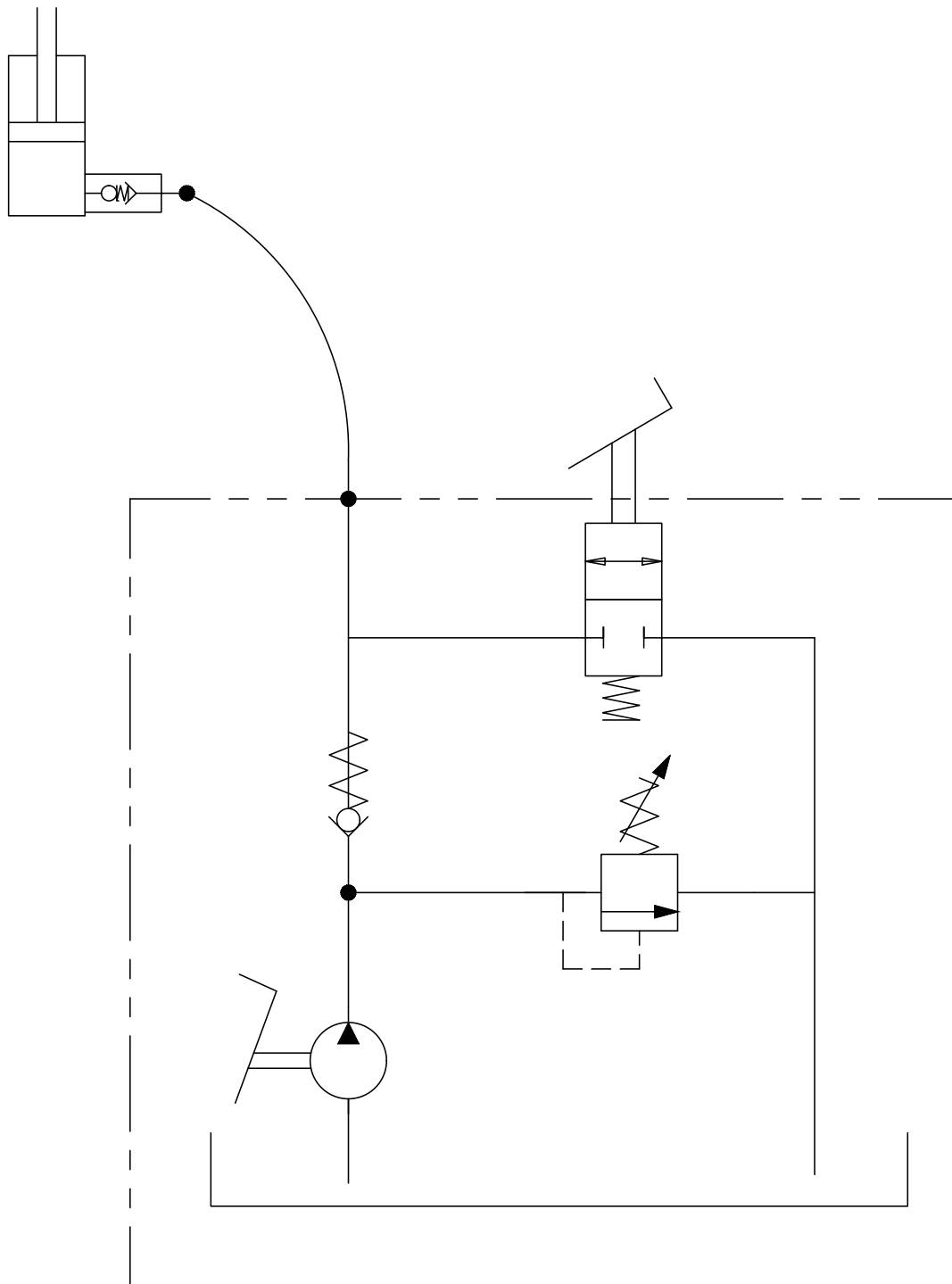


Image 26 Manual foot pump (614052)

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About EdmoLift

EdmoLift is one of the worlds largest manufacturers of scissor lift tables, pallet handling products and tools for materials handling. We have successfully supplied lift tables and solutions for materials handling for over 50 years. The largest customer category is industrial companies, but our lift solutions are also available within distribution, healthcare, service and trade.

Our mission is to be the most competitive supplier on the market. EdmoLift must also mean added value and high quality so that our products meet requirements, give the best functionality and stand the test of time. Our products are mostly sold via dealers and subsidiaries in more than 60 countries around the world.

EdmoLift was founded in 1964 by Torbjörn Edmo. The company is located in beautiful Härnösand on the High Coast of Sweden, where we have modern premises for production, development, sales and servicing. Our experienced and skilled staff can provide a rapid response and excellent service.

Our aim is to offer you the best and most ergonomic, cost-effective solution for your lifting and handling needs.

World class from Sweden!