

Operating instructions

— Hydraulic scissor lift platform

— FHT-B 1200



FHT-B 1200

FHT
SERIE

Imprint

Product identification

Hydraulic scissor lift platform	Item number
FHT-B 1200	6155000

Manufacturer

Stürmer Maschinen GmbH
Dr.-Robert-Pfleger-Str. 26
D-96103 Hallstadt

Fax: 0049 (0) 951 96555 - 55
E-Mail: info@unicraft.de
Internet: www.unicraft.de

Indications regarding the operating instructions

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1 Introduction

You have made a good choice by purchasing the UNICRAFT Hydraulic scissor lift platform.

Read the operating manual thoroughly before commissioning the machine.

It gives you information about the proper commissioning, intended use and safe and efficient operation and maintenance of your Hydraulic scissor lift platform.

The operating manual is part of the Hydraulic scissor lift platform package. Always keep this operating manual in the location where your Hydraulic scissor lift platform is being operated. All local accident prevention regulations and general safety instructions for the operating range of your Hydraulic scissor lift platform must also be complied with.

1.1 Copyright

The contents of these instructions are protected by copyright. Their use is permitted within the scope of the use of the scissor lift table. Any other use is not permitted without the written consent of Stürmer GmbH.

Passing on and copying of this document, utilization and communication of its contents are prohibited unless expressly permitted. Contraventions oblige to compensation. We register trademark, patent and design rights for the protection of our products, if this is possible in individual cases. We emphatically oppose any infringement of our intellectual property.

1.2 Customer service

Please contact your dealer if you have questions concerning your Hydraulic scissor lift platform or if you need technical advice. They will help you with specialist information and expert advice.

Germany:
Stürmer Maschinen GmbH
Dr.-Robert-Pfleger-Str. 26
D-96103 Hallstadt

Repair service:
Fax: 0049 (0) 951 96555-111
Email: service@stuermer-maschinen.de

Spare part orders:
Fax: 0049 (0) 951 96555-119
Email: ersatzteile@stuermer-maschinen.de

We are always interested in valuable experience and knowledge gained from using the application-which then could be shared and be valuable to develop our products even further.

1.3 Limitation of liability

All information and notes in these operating instructions were summarised while taking applicable standards and rules, the state-of-the-art technology and our long-term knowledge and experiences into consideration.

In the following cases the manufacturer is not liable for damages:

- Non-observance of the operating instructions,
- Inappropriate use
- Use of untrained staff,
- Unauthorised modifications
- Technical changes,
- Use of not allowed spare parts.

The actual scope of delivery may deviate from the explanations and presentations described here in case of special models, when using additional ordering options or due to latest technical modifications.

The obligations agreed in the delivery contract, the general terms and conditions as well as the delivery conditions of the manufacturer and the legal regulations at the time of the conclusion of the contract are applicable.

2 Safety

This section provides an overview of all important safety packages for the protection of operating personnel as well as for safe and fault-free operation. Other task-based safety notes are included in the paragraphs of the individual phases of life.

2.1 Symbol explanation

Safety instructions

The safety notes in these operating instructions are highlighted by symbols. The safety notes are introduced by signal words which express the concern of the risk.



DANGER!

This combination of symbol and signal words indicates an imminently dangerous situation which may lead to death or severe injuries if they are not avoided.

WARNING!

This combination of symbol and signal words indicates a possibly dangerous situation which may lead to death or severe injuries if they are not avoided.

CAUTION!

This combination of symbol and signal words indicates a possibly dangerous situation which may lead to minor or light injuries if they are not avoided.

ATTENTION!

This combination of symbol and signal words indicates a possibly dangerous situation which may lead to property and environmental damages if they are not avoided.



NOTE !

This combination of symbol and signal words indicates a possibly dangerous situation which may lead to property and environmental damages if they are not avoided.

Tips and recommendations



Tips and recommendations

This symbol highlights useful tips and recommendations as well as information for an efficient and trouble-free operation.

It is necessary to observe the safety notes written in these operating instructions in order to reduce the risk of personal injuries and damages to property.

3 Personal protective equipment

The personal protective equipment serves to protect persons against impairments of safety and health while working. The staff member has to wear personal protective equipment while performing different tasks on and with the machine which are indicated in the individual paragraphs of these instructions.

The personal protective equipment is explained in the following paragraph:



Head protection

The industrial helmet protects the head against falling objects and bumping against fixed objects.



Protective gloves

The appropriate protective gloves protect the hands from sharp-edged components, as well as from friction, abrasions or deeper injuries.



Safety boots

The safety boots protect the feet against crushes, falling parts and slipping over on slippery underground.



Protective clothes

Protective clothes are made of a tightly fitted fabric without the protruding parts of low tear strength.

3.1 Safety instructions for the operating personnel

- It is necessary to refrain from any operation that affects the safety of the machine
- The operator must also ensure that no unauthorized persons work on the machine (for example, by operating devices against unauthorized use).
- The operator is obliged to inspect the machine for any visible damage and defects at least once before use (daily) and to immediately report any changes (including performance) that affect the safety.
- The operator must ensure that the machine is always operated in perfect condition.
- If necessary, the operator must oblige operating personnel to wear protective clothing, etc.
- In principle, no safety equipment may be dismantled or taken out of operation (already here is concretely to warn of impending hazards, so for example on imminent severe bruising, loss of sight, danger to life).
- If the disassembly of safety equipment is required during set-up, repair and maintenance, the safety equipment must be reassembled immediately after completion of the maintenance or repair work.

3.2 General safety instructions

- The lifting table may only be started up and operated by persons who have been trained in the use of the lifting table and who have been informed about possible dangers.
- Do not operate the lift table while under the influence of drugs, alcohol or medication or while overtired.
- Keep children and unauthorized personnel away from the work area.
- Keep your work area clean and unobstructed. Ensure good working lighting and avoid tripping hazards.
- Switch off the machine and disconnect the mains plug before cleaning the lifting platform or carrying out maintenance work.
- Never pull on the power cable, but always pull on the plug when disconnecting the lifting platform from the power supply. Keep the cable away from heat, oil and sharp edges.
- When leaving the work area, lower the lift and disconnect the power supply. Never move away from the work area when the lift is extended.
- Take care of your limbs such as hands and feet when working with the lift table.
- Wear the necessary personal protective equipment (protective gloves, safety shoes, etc.).
- Never exceed the maximum load capacity of the lifting table (see Technical data).
- Do not rock loads on the lift and do not remove heavy components on one side that could cause excessive weight transfer.
- Make sure that all safety precautions are taken before working on the lift table. Never remove safety-related components.
- Do not use the lifting table if safety-relevant components are missing or damaged.
- Always check the mobility of the lift table to guarantee its performance.
- Ensure regular maintenance. If any irregularities occur, stop working with the lift immediately and contact your dealer.
- Allow the scissors of the lift to extend slightly before loading the lift. When retracted, the lifting platform does not reach its maximum load capacity.

4 Intended use

The FHT-B 1200 Hydraulic scissor lift platform is intended exclusively for lifting and lowering loads, e.g. vehicles, up to the specified maximum load.

Intended use also includes compliance with all the information in these instructions.

4.1 Reasonably foreseeable misuse

Any use beyond the intended use or any other use is considered misuse.

Possible misapplications may include:

- Lifting loads that exceed the specified maximum load.
- Lifting loads that are not correctly positioned on the lift table and adequately secured.
- Misuse of the lift table, e.g. for lifting persons, animals, etc.
- Failure to observe wear and damage marks.
- Permanent jacking up of loads.
- Operation of the lift table in environments with explosion hazards or fire hazards or in rooms with insufficient fresh air supply.
- Service work by untrained or unauthorized personnel.
- Operating the lift table if the operating instructions have not been read and understood in full.
- Installation of spare parts and use of accessories or operating equipment not approved by the manufacturer.
- Modifications to the lift table, accessories or protective devices without the manufacturer's consent.
- Use of the lift table with parameters that do not comply with the specifications on the nameplate.
- Deliberate or careless handling of the lift table during operation.

4.2 Residual risks

- Danger of crushing when lowering the lifting table.
- Unforeseen lowering of the lifting table in the event of leaks in the hydraulic system or inadequate securing with jack stands.

5 Transport, packaging, storage

5.1 Transport

Check the Hydraulic scissor lift platform hoist on delivery for any visible transportation damage. If you notice any damage to the device please report this immediately to the carrier or dealer.



NOTE!

The Hydraulic scissor lift platform should be protected from humidity.

5.2 Packaging

All used packaging materials and packaging aids are recyclable and should be taken to a materials recycling depot to be disposed of.

The delivery packaging is made of cardboard, so please dispose carefully by having it chopped up and given to the recycling collection.

The film is made of polyethylene (PE) and the cushioned parts of polystyrene (PS). These materials should be taken to a collection point for recyclable materials or to the local waste disposal company.

5.3 Storage

Oil the Hydraulic scissor lift platform and store in a frost-free and dry environment.

Only store the hydraulic scissor lift table with the scissor lift released and the drain valve closed. Do not place anything on the hydraulic scissor lift table.

6 Technical Data

Type	FHT-B 1200
L x W x H [mm]	1840x770x780
Weight (Net) [kg]	418
Load capacity [kg]	1200
Table height max.[mm]	1840
Table height min. [mm]	650
Table width [mm]	770
Table length [mm]	1290+110
Roller Ø [mm]	150
Roller width [mm]	50
Roller material	PU
Handle height [mm]	880
Frame material	Steel
Lifting type	electrical
Power drive motor [kw]	0,75
Voltage [V]	230
Frequenz [Hz]	50
Drill holes - Hole pattern	M10
Lifting speed with load [mm/s]	40-60
Lifting speed without load[mm/s]	30-40
Lowering speed with load [mm/s]	30-40
Lowering speed without load [mm/s]	100-120
Lifting time [s]	50-60
Electric motor power [kW]	0,75
Hydraulic oil quantity [l]	2
Hydraulic oil	hlp 46
Scissor type	double
Packing size (LxWxH) [mm]	1810x870x750

6.1 Type plate and Safety instructions

Scherenhubtisch Scissors lift		 
Typ Type	FHT-B 1200	Serien-Nr. Serial no.
Artikel-Nr. Item no.	6155000	Baujahr Year of manufacture
Tragkraft Capacity	460 kg	Netzanschluss Power connection
Gewicht Weight	418 kg	Motorleistung Motor power
Tischhöhe min. Table height min.	650 mm	Tischhöhe max. Table height max.
 www.unicraft.de		Stürmer Maschinen GmbH Dr.-Robert-Pfleger-Str. 26 96103 Hallstadt Deutschland / Germany

CAUTION!

Read, study and understand all warnings, operating instructions and the instruction manual before use. Ignoring these warnings may result in personal injury or and / or property damage!

Do not overload this hydraulic platform beyond the rated capacity

This hydraulic platform is designed for use only on hard level surfaces capable of sustaining the load

Before servicing or adjusting the table securely block the safety bar

Centrally distribute weight on the table. If this is not possible, to observe distribution table

Never make alterations to the hydraulic platform

WARNING!

Für eine sichere Anwendung und um Gefahrenquellen auszuschließen, lesen Sie bitte folgende Hinweise und die Bedienungsanleitung sorgfältig. Nichtbeachtung kann Schäden für den Anwender und andere Personen zur Folge haben!

Niemals die angegebene maximale Tragkraft überschreiten

Untergrund muss eben und stabil sein

Niemals unter dem Lastaufnahme-mittel arbeiten, solange dieser nicht mechanisch verriegelt ist

Gewicht zentral auf den Tisch verteilen. Wenn dies nicht möglich ist Verteilungshinweis beachten

Keinesfalls Veränderungen am Scherenhubtisch vornehmen

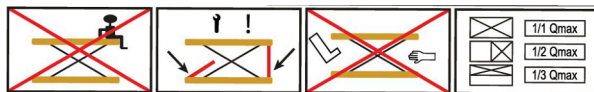


Fig. 1: Type plate and Safety instructions

6.2 Dimensions

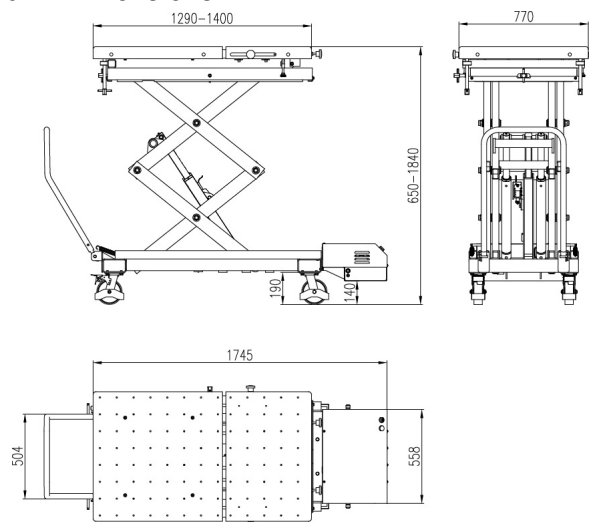


Fig. 2: Dimensions

7 Description of the Device

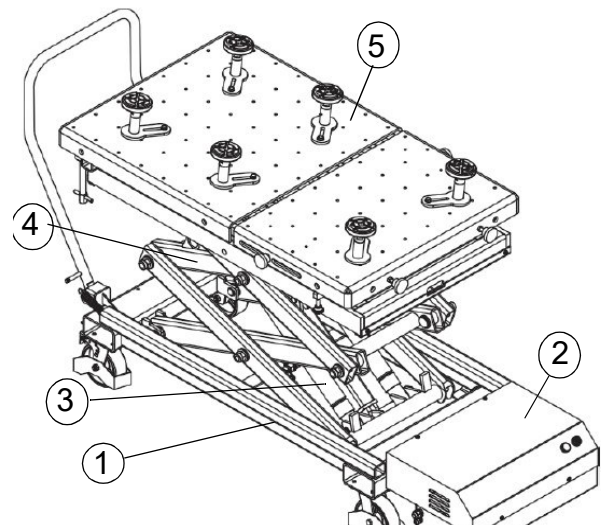


Fig. 3: Description of the Device

- 1 Base frame
- 2 Hydraulic motor
- 3 Hydraulic lifting cylinder
- 4 Scissors
- 5 Cover plate

Illustrations in these operating instructions may deviate from the original.

8 Assembly

Equipment that is not used in a fixed location must be installed in such a way that it is horizontal and that no crushing or shearing points can occur between the machine and parts of the environment. Furthermore, it must be ensured that intended activities can be carried out without hindrance. Equipment intended for a fixed location must be placed horizontally or in a dedicated pit.

9 Commissioning



DANGER!

Danger to life due to electric shock!

All connection and commissioning work on the electrical components of the scissor lift may only be carried out by qualified electrical personnel. The correct direction of motor rotation must be ensured. Furthermore, all functions of the hydraulic scissor lift table must be checked.

There is a danger to life in case of contact with live components. Switched-on electrical components can execute uncontrolled movements and lead to most serious injuries.

- Disconnect the power plug before starting any adjustments on the machine.

10 Operation

The operator must provide the necessary training for the operating personnel.

The operating personnel must be familiar with the operation and functions as well as the safety regulations for operating the hydraulic scissor lift.



DANGER!

DANGER TO LIFE DUE TO FALLING OF THE LOAD!

Falling loads can cause serious injury or death.

- Never stand, linger or work below a suspended load.
- Unsuitable suspension points can fail and the load may drop. The Hydraulic scissor lift platform load hook should only be secured to suitable suspension points on the load.
- Loads may only be moved under supervision.
- Under no circumstances may a load be subjected to a heavy blow or collision.
- A load must not be lifted by the Hydraulic scissor lift platform if it is slipping, falling or if its component parts are not secured firmly together.
- A rusted or damaged Hydraulic scissor lift platform must never be used.
- Care should be taken during lifting that the operator does not stand within the working range of the load.
- When leaving the workplace, lower the load.

10.1 Operating conditions

The working area must be dry, fire and explosion protected and free of any corrosive or poisonous substances. The Hydraulic scissor lift platform must not be used to lift or move dangerous goods such as molten, poisonous or radioactive materials.

10.2 Test run

Before using the Mobile scissor lift platform to lift a load, a no-load test should be carried out to test all functions. In particular, the function of the raising and lowering limits should be tested.

10.3 Lifting or lowering loads



DANGER!

Prior to each use, visually inspect the scissor lift for any damaged parts!



DANGER!

The scissor lift must be locked in the uppermost position after lifting with the two eyebolts.

Step 1: Distribute the load centrally on the hydraulic scissor lift table. If this is not possible, pay attention to load distribution on the load handler.

Step 2: Press the button lever (up or down arrow) to raise or lower the load. The scissor arm swivels up or down.

Step 3: Raise or lower the load smoothly and evenly to the desired height



NOTE!

The operator must have sufficient freedom of movement.



CAUTION!

Risk of crushing!

Injuries to hands and fingers may result from improper use of the Hydraulic scissor lift platform.

10.4 Fine adjustment and tilt function

You can compensate for unevenness in the floor using the tilt function (adjustable in two stages at the front) and the fine adjustment screws (Fig. 4). These screws can be adjusted by hand or with a spanner/socket spanner. To avoid damage, the equipment must not be tilted. Otherwise there is a risk of the screw colliding with the platform!

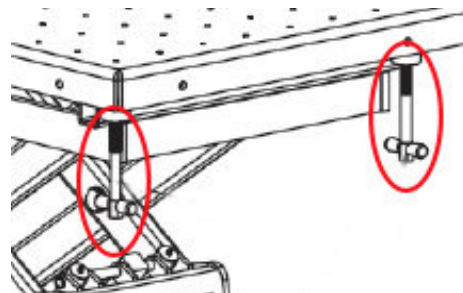


Fig. 4: Fine adjustment screws

10.5 Stabilisation function

Once the desired inclination of the platform has been set (chapter 10.4), additional contact points can be created using the levelling screws (Fig. 5). The screws are adjusted until they touch the platform and are hand-tightened

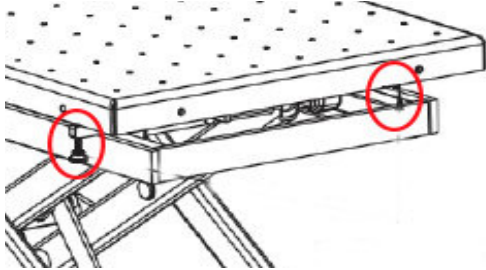


Fig. 5: Stabilisation via levelling screws

10.6 Installing and removing vehicle components

- Always follow the vehicle manufacturer's instructions.
- Place the lift table under the vehicle and connect the power supply.
- Move the lift table upwards to just below the lifting load, approach the load to be lifted slowly to avoid causing any damage.
- Remove the retaining screws from the vehicle part
- Now raise or lower the table, depending on how the vehicle part needs to be removed.
- You can carry out the same procedure to mount vehicle parts.

10.7 Decommissioning

Decommissioning must be performed in the following order.

- Remove the load.
- Fold up the inspection support.
- Lower the unit onto the inspection support.
- Disconnect the power plug or switch off the external main switch.

Do not reach into the device if it has not been secured by the folded-out inspection supports.

11 Care, maintenance and repair

11.1 Care by cleaning

The Hydraulic scissor lift platform must always be kept in a clean condition.



NOTE!

Never use strong cleaning agents for any cleaning tasks. This may damage or destroy the device.

All plastic and lacquered surfaces should be cleaned using a soft, damp cloth and a neutral cleaning agent.

Remove any excess lubricant or leaked oil using a dry, lint-free cloth.

11.2 Maintenance and repair



ATTENTION!

Maintenance and repair work may only be performed by instructed persons.

If the Hydraulic Scissor Lift does not operate properly, contact your dealer.

It is pointed out that any unauthorized conversions and modifications to the machine are not permitted for safety reasons.

All protective and safety devices must be immediately reinstalled after repair and maintenance work has been completed.

In the case of hydraulic repairs, the accumulator must be emptied beforehand.

When working on live parts, the unit must be disconnected from the power supply beforehand.

Step 1: Lubricate all moving parts of the Hydraulic Scissor Lift with suitable grease.

Step 2: Check the hydraulic scissor lift table for external damage before each use.

Step 3: Check the hydraulic oil level at regular intervals.

Step 4: Make sure that all safety instructions on the hydraulic scissor lift table are clearly legible.

Bleeding

After some time, or after oil has been added, air bubbles can form in the hydraulic system of the scissor lift and impair its function.

Step 1: Lowering the lifting table to min. height

Step 2: Slowly and carefully open the oil filler plug to allow the trapped air to escape.

Step 3: Check the scissor lift for its function, if necessary repeat the steps.

Check oil level

Step 1: Open the oil filler plug and check the oil level. With the scissors completely deflated, the oil should reach to the bottom of the oil filler neck.

Step 2: If necessary, add hydraulic oil. Only use new, clean hydraulic oil, type hlp 46, oil quantity: 2,0 litre

Step 3: Screw in the oil filler plug. Check the function of the hydraulic scissor lift.

Step 4: Bleed the hydraulic system.

Check the stability of the locking



DANGER!

The stability of the locking of the desk in the uppermost position must be checked weekly!

Step 1: Check the stability of the hydraulic scissor lift in the uppermost position once a week by screwing in the two eye bolts.

12 Testing the Scissor lift platform

The mobile scissor lift table must be checked by a qualified person to ensure that it is in a safe working condition, in accordance with the provisions of the German Industrial Safety Regulations and the BGR 500, Chapter 2.10, Paragraph 2.9, before commissioning and as required at intervals of no more than 1 year. A person can be regarded as qualified if he / she has at least the qualification that was previously provided to the expert. The scope of the test and the inspection deadlines are governed i.a. according to the results of the risk assessment to be carried out. Check intervals, the operator can assume that these measures are sufficient. Type, extent and deadlines of the tests described in the BGR 500 are previous practice and comply with the rules of technology. The test is essentially a visual and functional test. It covers the examination of the condition of the components and equipment, the completeness and effectiveness of the safety equipment and the completeness of the test book. If a test period of no more than one year is adhered to, the operator can assume that this period is adequate. Verification of scissor lift tables must be verified by a log book.

13 Troubleshooting

Faults	Possible cause	Solution
Hydraulic table reaches max. Height not	- Too low hydraulic oil - Switch position is wrong	- Check the level of hydraulic oil. refill - Position judgment
The hydraulic table does not lift	- No hydraulic oil - Safety valve does not generate pressure	- Fill in hydraulic oil - Set safety valve
The engine is not running	- Plug is loose - The engine is damaged	- Secure the connector - Replace engine with new one
The hydraulic table can not be lowered	- The piston rod or the cylinder are loaded on one side / obliquely - The hydraulic table had been under pressure for a long time; thus rusting the piston rod - The drain valve of the pump is defective	- Replace piston rod or cylinder with new ones - Move the lifting shears to the lowest position, possibly lubricate the piston rod - Replace with new valve
Leakage	- Seal parts are worn	- Replace with new parts
The scissor lowers without the drain valve working	- Impurities cause the drain valve to have no effect. - Seal parts are worn	- Replace with new oil - Replace with new parts

14 Disposal, recycling of used devices

Please take care in your own interest and in the interest of the environment that all component parts of the machine are only disposed of in the intended and permitted way.

14.1 Decommissioning

Immediately decommission used machines in order to avoid later misuse and endangering of the environment or of persons.

Step 1: Eliminate all environmentally hazardous operating materials from the used device.

Step 2: If required, disassemble the machine into easy-to-handle and usable components and parts.

Step 3: Dispose of machine components and operating materials by the disposal channels provided.

14.2 Disposal of lubricants

Remove any leaking, used or excessive grease at the lubricating points. Disposal notes for used lubricants are available from the manufacturer of the lubricants. If necessary, request the product-specific data sheets.

14.3 Disposal via municipal collection points

Disposal of used electrical and electronic equipment (To be applied in the countries of the European Union and other European countries with a separate collection system for this equipment).



The symbol on the product or its packaging indicates that this product should not be treated as normal household waste, but must be taken to a collection point for the recycling of electrical and electronic equipment.

By helping to dispose of this product correctly, you are protecting the environment and the health of those around you. Environment and health are endangered by incorrect disposal. Material recycling helps to reduce the consumption of raw materials. For more information about recycling this product, contact your local municipality, municipal waste disposal service or the store where you purchased the product.

15 Spare parts



DANGER!

Risk of injury due to the use of wrong spare parts!

Dangers may result for the user and damages as well as malfunctions may be caused by using wrong or damaged spare parts.

- Only use original spare parts of the manufacturer or spare parts admitted by the manufacturer.
- Always contact the manufacturer in case of uncertainties.

Example

The handle for the scissor lift table must be ordered. The handle has the number 11 in the spare parts drawing 1.

When ordering spare parts, send a copy of the spare parts drawing (1) with the marked component (handle) and marked item number (11) to the authorized dealer and provide the following information:

- | | |
|--------------------|-------------------|
| - Type of device: | FHT-B 1200 |
| - Item number: | 6155000 |
| - Drawing number: | 1 |
| - Position number: | 11 |

15.1 Ordering spare parts



Tips and recommendations

The manufacturer's warranty will become null and void if non-permissible spare parts are being used.

The spare parts may be purchased with the authorised dealer.

Indicate the following basic information for requests or orders of spare parts:

- Type of device
- Item No.
- Position No.
- Year of construction:
- Quantity
- Required mode of dispatch (mail, freight, sea, air, express)
- Address of dispatch

Spare part orders which do not include the above indications may not be taken into consideration. If the indications regarding the mode of dispatch are missing, the product is dispatched at the discretion of the supplier.

You will find information regarding the device type, item No. and year of construction on the type plate which is fixed on the Hydraulic scissor lift platform.

16 Spare parts drawings

In case of service, the following drawings shall help to identify the necessary spare parts. If necessary, send a copy of the parts drawing with the marked components to your authorised dealer.

16.1 Spare parts drawing FHT-B 1200

Spare parts drawing 1 - FHT-B 1200

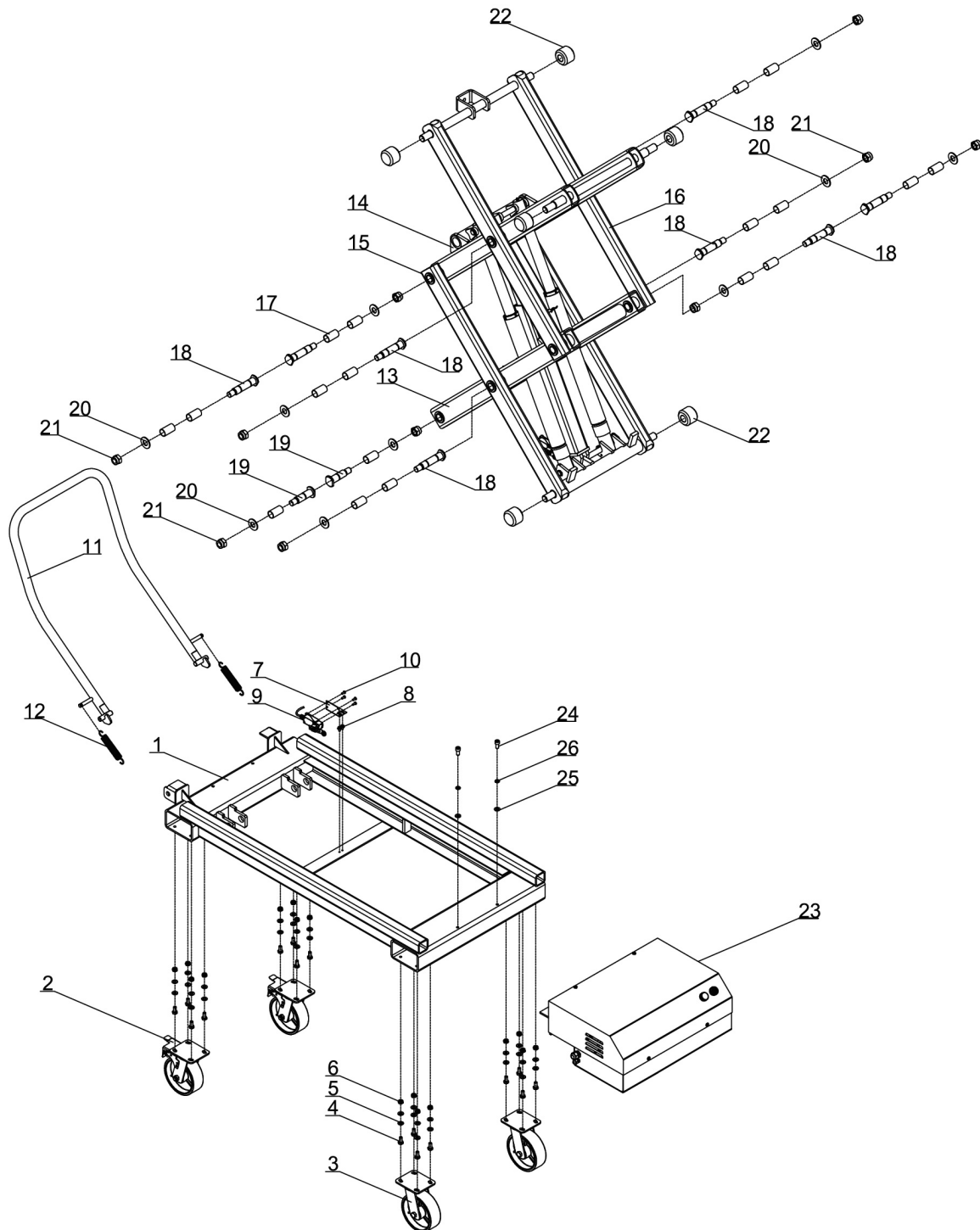


Fig. 6: Spare parts drawing 1 - FHT-B 1200

Part list 1 - FHT-B 1200

Pos.	Part name
1	Base Weld
2	Universal casters with brakes
3	Wheel
4	Bolt M10x25
5	Plain washer
6	Screw M10
7	Angle iron
8	Bolt M6x10
9	Limit switch
10	Bolt M5x12
11	Handle
12	Spring
13	Scissors 1
14	Scissors 2
15	Scissors 3
16	Scissors 4
17	Composite bushing P28x25x50
18	Axle for scissors
19	Axle for base
20	Washer
21	Self locking screw
22	Rolling wheel
23	Pump
24	Bolt M10x20
25	Plain washer 10
26	Spring washer

Part list 2 - FHT-B 1200

Pos.	Part name
1	Frame weldment
2	Rolling wheel
3	Long bar weldment
4	Short bar weldment
5	Bearing 51101
6	Self locking M12
7	Pin 10x80
8	Platform weldment (down)
9	Bolt
10	Pin 10x80
11	Angel iron (small)
12	Bolt M6x10
13	Bolt
14	U-Board
15	Bolt13x25
16	Plain washer Ø 10
17	Self locking screw M10
18	Plain washer Ø 18
19	Self locking screw M16
20	Platform weldment (up)
21	Bearing
22	Platform A
23	Platform B
24	Bolt M8x80
25	Spring washer 8
26	Plain washer 8
27	Nut M8
28	Handle
29	Big washer 10
30	Sleeve C
31	Spring washer 10
32	Self locking screw M10
33	Sleeve
34	Spring washer 8
35	Plain washer 8
36	Bolt M8x80

Spare parts drawing 2 - FHT-B 1200

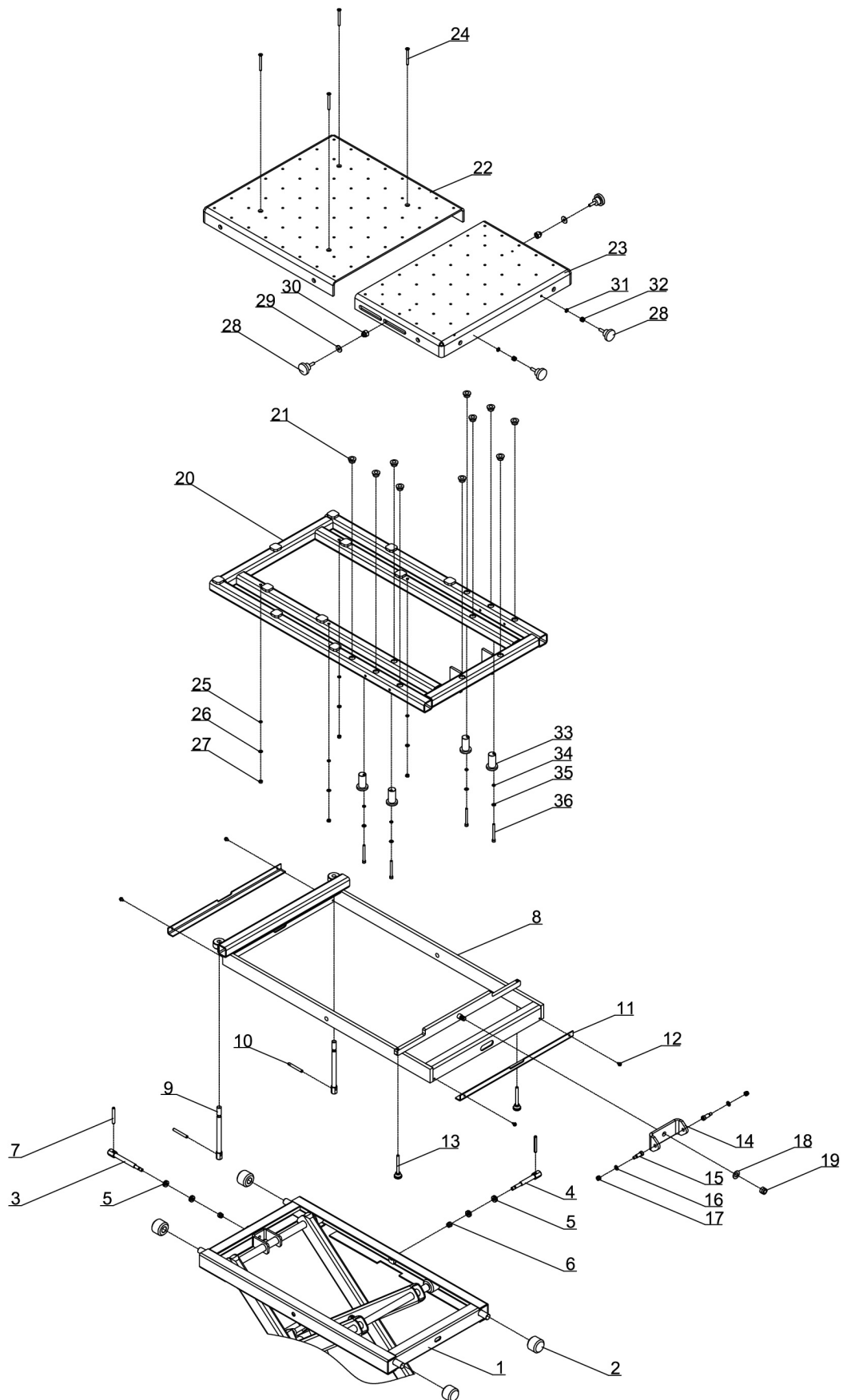


Fig. 7: Spare parts drawing - FHT-B 1200

Spare parts drawing 3 - FHT-B 1200

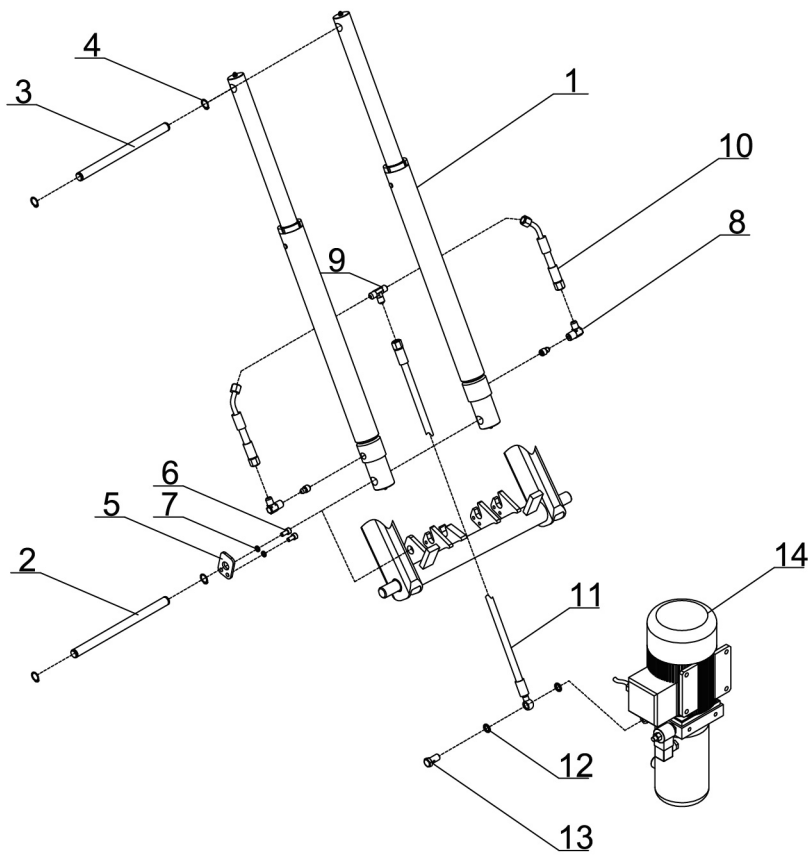


Fig. 8: Spare parts drawing 3 - FHT-B 1200

Pos.	Part name
1	Cylinder (complete)
2	Cylinder axle
3	Cylinder axle A A
4	Shaft ring 19
5	Fix board
6	Bolt M8x16
7	Spring washer 8
8	Connection
9	T connection
10	Oil hose l=240 mm
11	Oil hose L=1100
12	Composite bush
13	Short compression bolt
14	Pump 0.75 kW



Spare parts drawing 4 - FHT-B 1200

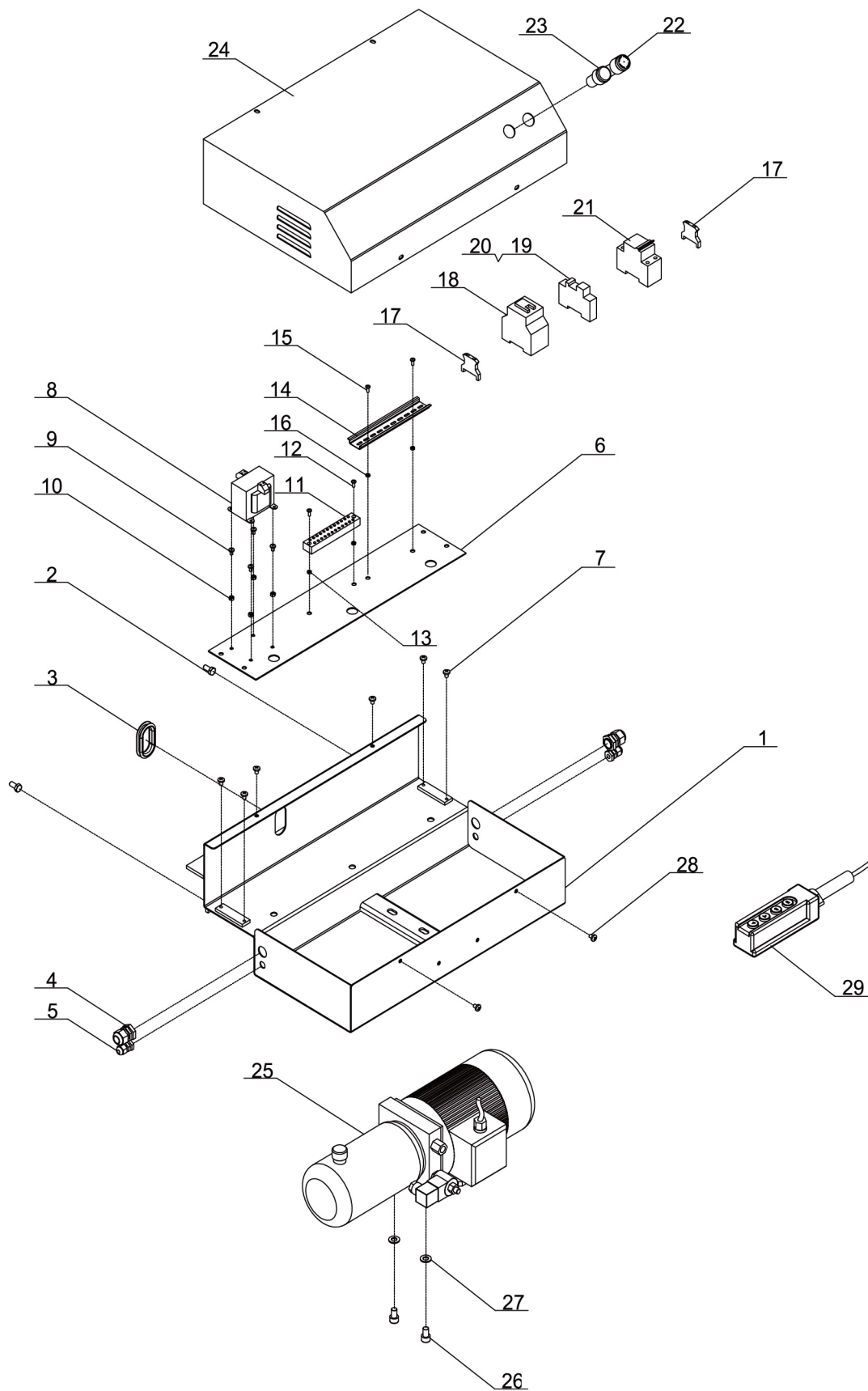


Fig. 9: Spare parts drawing 4 - FHT-B 1200

Part list 4 - FHT-B 1200

Pos.	Part name
1	Cover
2	Bolt M8x16
3	Oil hose cover
4	Wire grip PG 13.5
5	Wire grip PG 7
6	Electronic installation board
7	Screw M6x8
8	Transformer
9	Cross recessed screw M5x8
10	Nut M5
11	Strand oscillator
12	Screw M4x10
13	Nut M4
14	Rail
15	Bolt M4x10
16	Nut M4
17	Yellow-green Terminal
18	AC contactor
19	Fuse base
20	Fuse 6A
21	Breaker
22	Breaker AC24V
23	Indicator light (AC220V)
24	Pump cover
25	Pump 0,75 kW
26	Bolt M10x16
27	Plain washer 10
28	Bolt M6x8
29	Button

Spare parts drawing 5 - FHT-B 1200

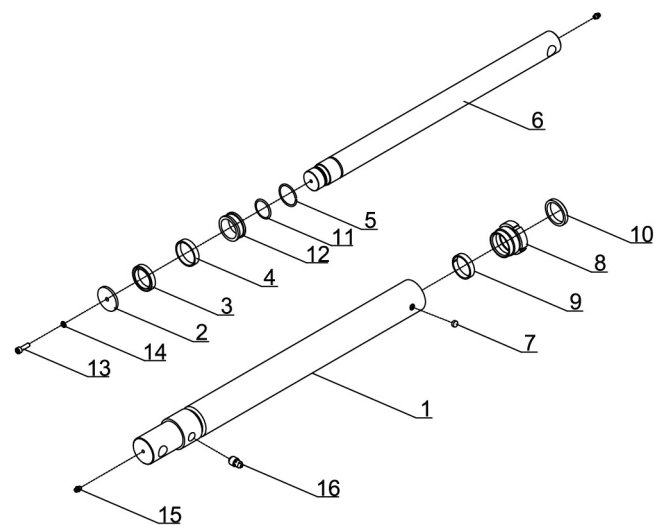


Fig. 10: Spare parts darawing 5 - FHT-B 1200

Part list 5 - FHT-B 1200

Pos.	Part name
1	Cylinder cover
2	Washer
3	Seal
4	Wearing grind T47
5	Spring ring 38
6	Piston rod
7	Pneumostome 10
8	Guide sleeve
9	Wear ring T47
10	Dustproof ring
11	O-Ring 30x2.65
12	Piston
13	Bolt M6x20
14	Spring washer 6
15	Oil cup M6x1
16	Throttle valve

Spare parts drawing 6 - FHT-B 1200

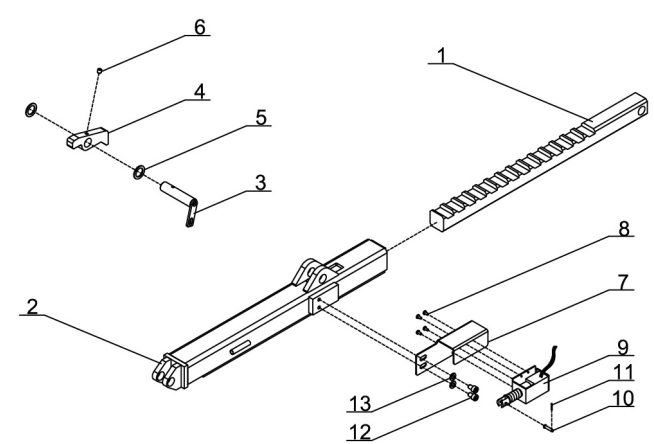


Fig. 11: Spare parts drawing 6 - FHT-B 1200

Part list 6 - FHT-B 1200

Pos.	Part name
1	Gear
2	Electrical unlocking system weldment
3	Electrical taxle
4	Brake ratchet
5	Washer
6	Bolt M8x10
7	Solenoid seat
8	Bolt M8x8
9	Solenoid
10	Pin roll-B 5x22
11	Nut 1.2x8
12	Bolt M8x12
13	Plain washer 8

17 Schematics

17.1 Hydraulic plan - FHT-B 1200

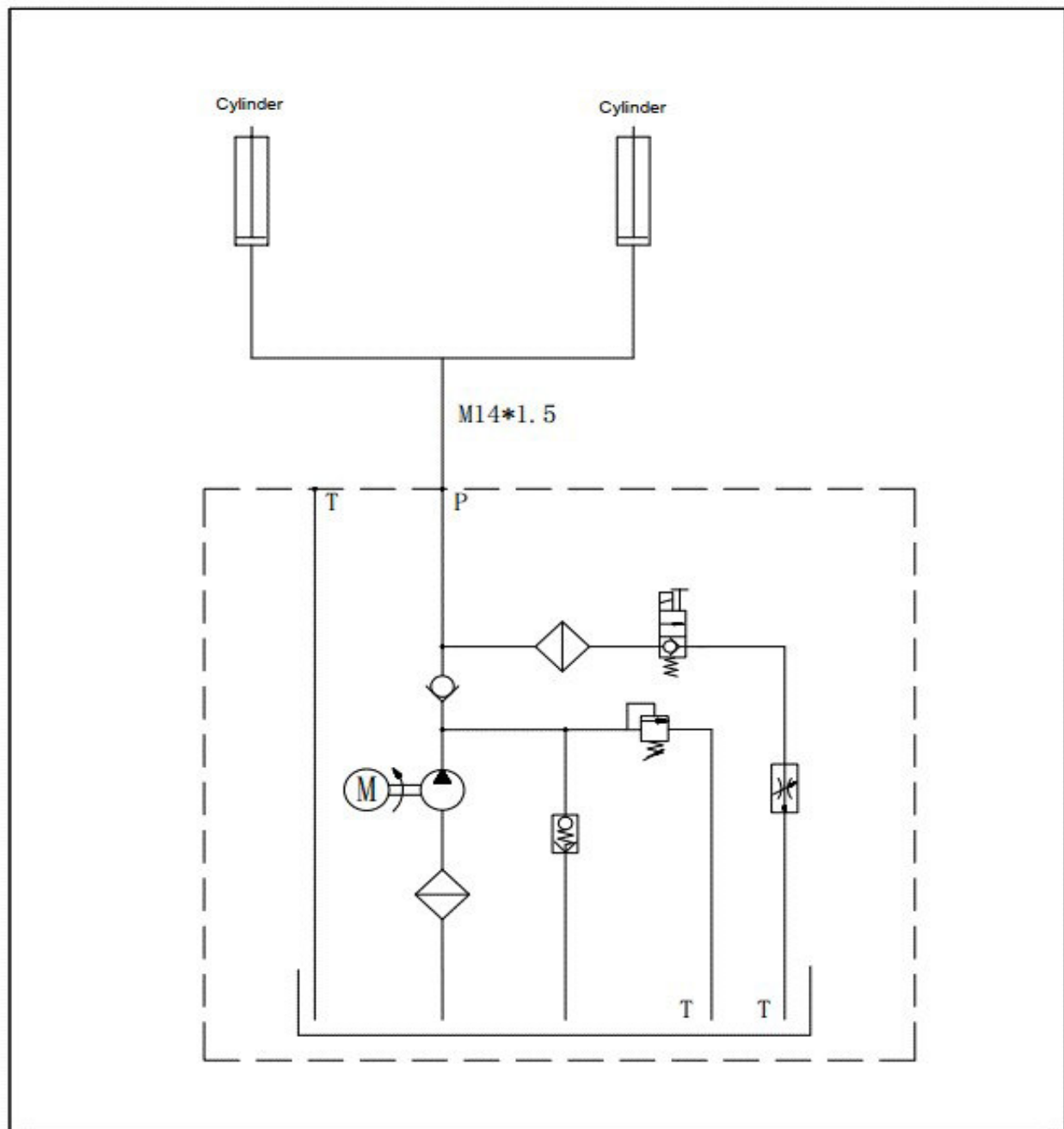


Fig. 12: Hydraulic plan - FHT-B 1200

17.2 Electric Circuit Diagram - FHT-B 1200

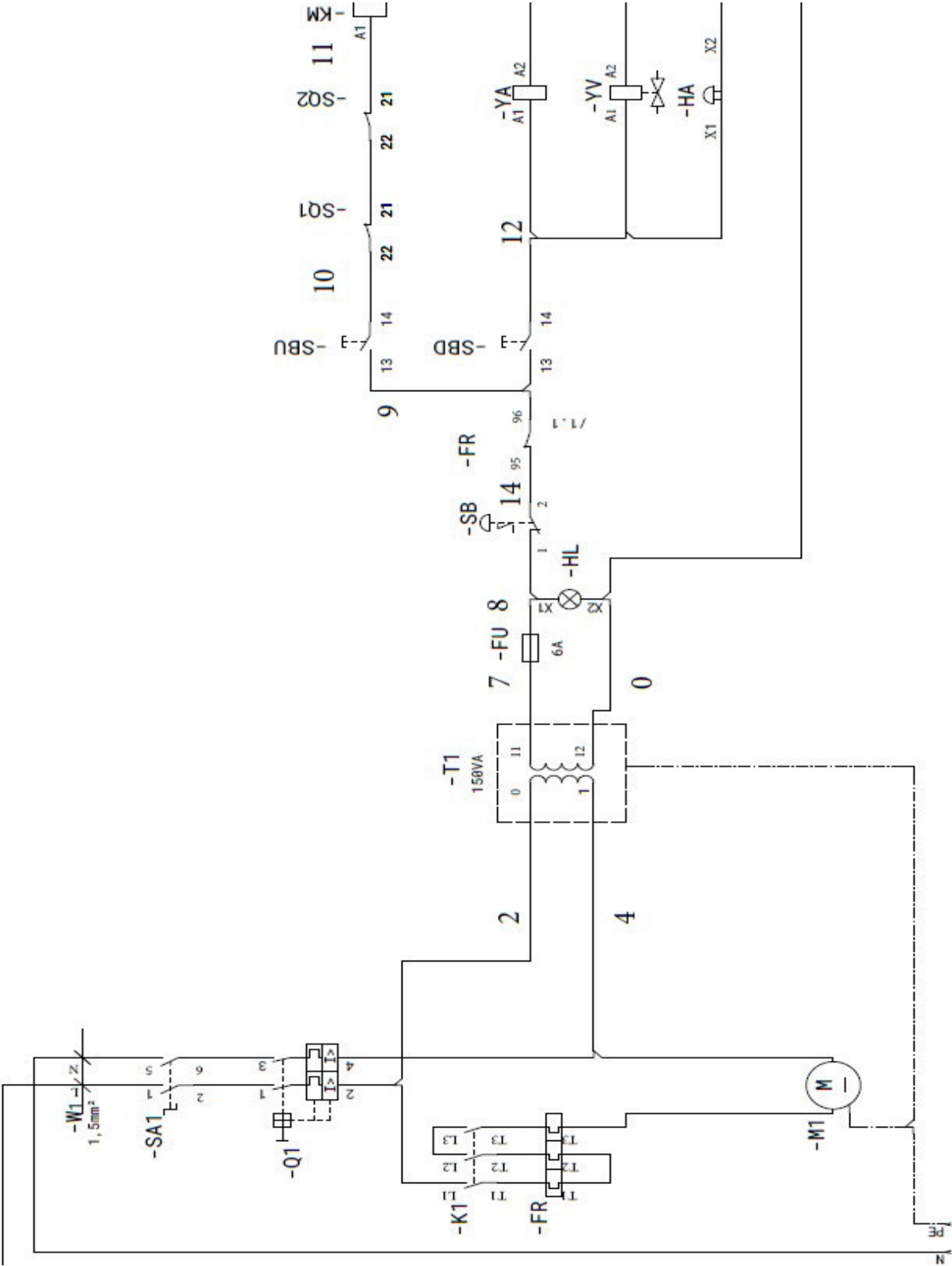


Fig. 13: Electric circuit diagram - FHT-B 1200

18 EC Declaration of Conformity

According to Machinery Directive 2006/42/EC Annex II 1.A

Manufacturer/Distributor: Stürmer Maschinen GmbH
Dr.-Robert-Pfleger-Str. 26
D-96103 Hallstadt

hereby declares that the following product

Product group: Unicraft® Werkstatttechnik

Type of machine: Hydraulic platform

Designation of the machine*: ☐ FHT-B 1200

Item number*: ☐ 6155000

Serial number*: _____

Year of manufacture*: 20_____

* fill in these fields according to the information on the type plate

complies with all relevant provisions of the aforementioned Directive, including any amendments thereto in force at the date of the declaration.

The following harmonized standards have been applied:

EN 1570-1:2011+A1:2014	Safety requirements for lifting tables - Part 1: Lifting tables serving up to two fixed landings
EN 60204-1:2018	Safety of machinery - Electrical equipment of machines - Part 1: General requirements

Responsible for documentation: Kilian Stürmer, Stürmer Maschinen GmbH,
Dr.-Robert-Pfleger-Str. 26, D-96103 Hallstadt

Hallstadt, 15.04.2024



Kilian Stürmer



19 Notes

