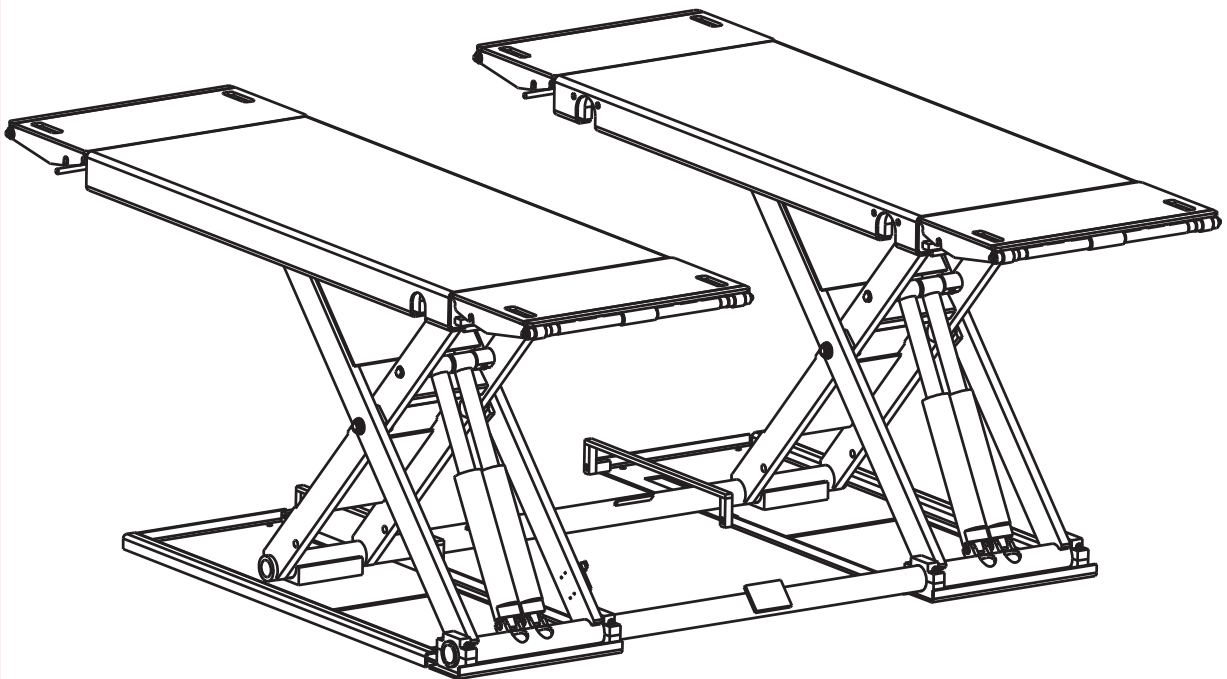




XS35N
(000 Series)
Scissor Lift
Original



Installer: Please return this booklet to literature package and give to lift owner/operator.

Contents

| | |
|--------------------------------------|---------|
| Packing, transport and storage | Page 3 |
| Introduction | Page 4 |
| Chapter 1 Description of the machine | Page 4 |
| Chapter 2 Technical specifications | Page 6 |
| Chapter 3 Safety | Page 11 |
| Chapter 4 Installation | Page 13 |
| Chapter 5 Operating instructions | Page 14 |
| Chapter 6 Maintenance | Page 16 |
| Chapter 7 Troubleshooting | Page 17 |
| Chapter 8 Commissioning | Page 18 |
| Chapter 9 Disposal | Page 18 |
| Chapter 10 Parts break down | Page 19 |

PACKING, TRANSPORT AND STORAGE

ALL PACKING, LIFTING, HANDLING, TRANSPORT AND UNPACKING OPERATIONS ARE TO BE PERFORMED EXCLUSIVELY BY EXPERT PERSONNEL WITH KNOWLEDGE OF THE LIFT AND THE CONTENTS OF THIS MANUAL

1



PACKING

The lift is shipped assembled, resting on a iron platform in a single pack and sealed with four straps. The total weight of the pack is approximately 700 kg.

Figure 1 Handling with fork-lift truck

LIFTING AND HANDLING

The iron platforms can be lifted either with a fork-lift truck (Figure 1) or with a crane or an overhead travelling crane. In the case of handling with a crane or overhead travelling crane, the packs must always be loaded with at least 2 band.

NB. The chosen means must be suitable for lifting and moving in safety, taking into account dimensions, weight, centre of gravity, protrusions and fragile parts not to be damaged.

STORAGE

The packs must always be kept in a covered and sheltered place at a temperature between -25°C and $+55^{\circ}\text{C}$ and must not be exposed to direct sunlight.

STACKING THE PACKS

This type of packing makes it possible to stack up to 5 packs one on top of another in a store, provided they are correctly arranged and secured against falling.

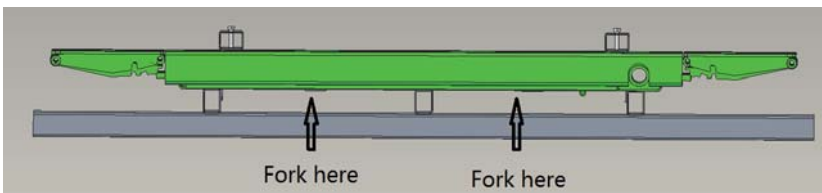
The packs may be stacked only provided they are not resting one directly on another, but plywood and hardboard are inserted as shown in Figure 2.

Up to 5 packs can be stacked in the bodies of lorries or in containers, provided they are well strapped down and secured against falling.

OPENING

When the iron pack arrive, check that the machine has not been damaged during transport and that all parts listed are present.

The iron pack must be opened using all possible precautionary measures to avoid damaging the machine or its parts. The iron of the pallet may be reused or recycled.



INTRODUCTION



CAUTION

This manual has been written for the workshop personnel assigned to using the lift (operator) and for the engineer assigned to routine maintenance (maintenance engineer). Therefore, before doing anything with the lift and/or its packing, it is necessary to read the entire manual carefully, as it contains important information for:

- THE SAFETY OF THE PERSONS assigned to its use and routine maintenance.
- THE SAFETY OF THE LIFT.
- THE SAFETY OF THE LIFTED VEHICLES.

CONSERVATION OF THE MANUAL

The manual is an integral part of the lift and must always accompany it, also in the case of sale.

It must always be kept close to the lift, in an easily accessible place. The operator and the maintenance engineer must be able to find it and refer to it rapidly at any time.

IN PARTICULAR, IT IS RECOMMENDED TO READ **CHAPTER 3** CAREFULLY AND REPEATEDLY AS IT CONTAINS IMPORTANT INFORMATION AND NOTICES RELATIVE TO **SAFETY**.

The lifts have been designed and manufactured in conformity with the following:

- EN 1493:2010 Vehicle Lift
- EN 60204-1:2006/AC:2010 Safety of machinery – Electrical equipment of machines - Part 1: General requirements
- EN ISO 12100:2010 Safety of machinery - General principles for design - Risk assessment and risk reduction
- EN 61000-6-2:2005+AC:2005 Electromagnetic compatibility (EMC) Part 6-2: Generic standards — Immunity for industrial environments
- EN 61000-6-4:2007/A1:2011 Electromagnetic compatibility (EMC) — Part 6-4: Generic standards — Emission standard for industrial environments

CHAPTRE1 DESCRIPTION OF THE MACHINE

The electro-hydraulic lift, can be fixed with optional anchor bolts; this means that it is anchored to the ground and designed and built for lifting and positionin gautomobiles at a certain height off the ground.

The lift is driven by an electro-hydraulic operating system.

The lift consists of the following main parts:

- structure;
- lift units(hydraulic cylinders and hydraulic unit);
- control box;
- safety devices.

Figure 2 illustrates the various parts making up the lift.

STRUCTURE

It is composed of a base(1) made of welded steel plates,two platforms(2),four ramps(3) and two pairs of leg weldment(4).The base have holes for fixing to the ground by means of optional anchor bolts. Inside the base there are holes for the attachment of the lifting legs.The platforms and legs are connected at the ends by means of shafts and connected to the base by means of special plastic supports.The ramps are connected to the platform by means of special shafts.

LIFTING UNIT

It is composed of two hydraulic cylinders connected by rigid and fle-xibles tubes.

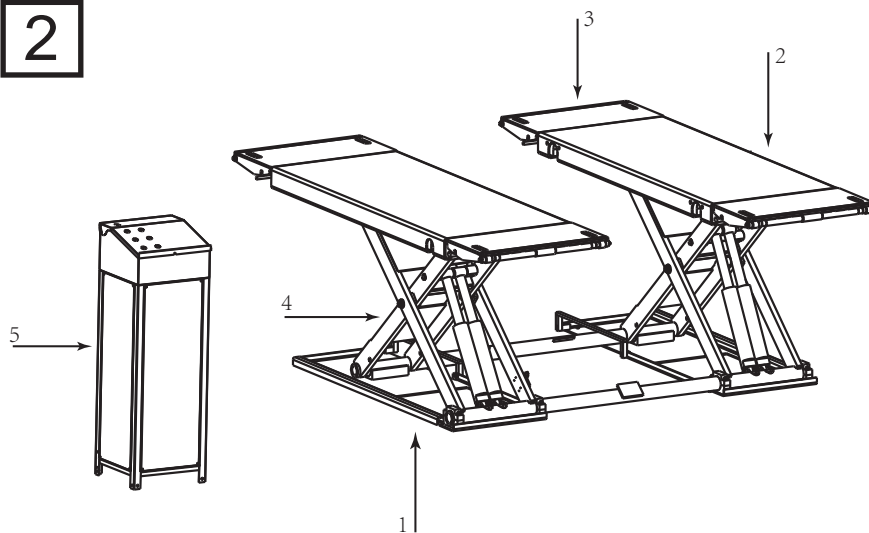
The lifting unit is controlled by an electric panel placed on a electric cabinet(5) containing the hydraulic unit.

SAFETY DEVICES

The safety devices are composed of:

- double, hydraulic circuit
- two safety solenoid valves
- overload safety valve
- flow control valve adjusts descent speed
- automatically activated microswitch stops descent travel thus acting as foot guard
- velocity fuse just in case the hose broken

2



Intend use

The scissor lift may only be used:

- In indoor areas for lifting unoccupied motor vehicles.
- For lifting vehicles with a max.load capacity of 3500KG
- If the weight is distributed correctly. By default, the load should be centered in the direction of motion. If the main load (e.g. engine) is however at the front or the back, the following applies:
 - at front max. 3/5,
 - at back 2/5 of load or vice versa.
- With correctly aligned, adjustable runways. The vehicle must be approximately centered on the two platforms.
- In accordance with the technical data in Chapter 2, in technically sound condition.

Incorrect use, incorrect behavior

Incorrect behavior presents a residual risk to the life and health of the people working in the lift area. The manufacturer assumes no liability for damage resulting from use other than the intended purpose and from incorrect behavior.

The following is prohibited: Figure 3

- Climbing onto or riding on the scissor lift or the load.
- Lifting when there are people in the vehicle.
- Lifting/lowering when people or animals are in the danger zone, in particular below the lift.
- Jerky lifting or lowering. Do not cause the lift to vibrate.
- Throwing objects onto or under the lift.
- Lifting a vehicle at the incorrect pick-up points .
- Lifting a load on only one platform of the lift.
- Lifting vehicles containing hazardous goods.
- Operating outdoors or in workshops at risk from fire or explosion.
- Washing cars on the post lift.
- Modifications of any kind

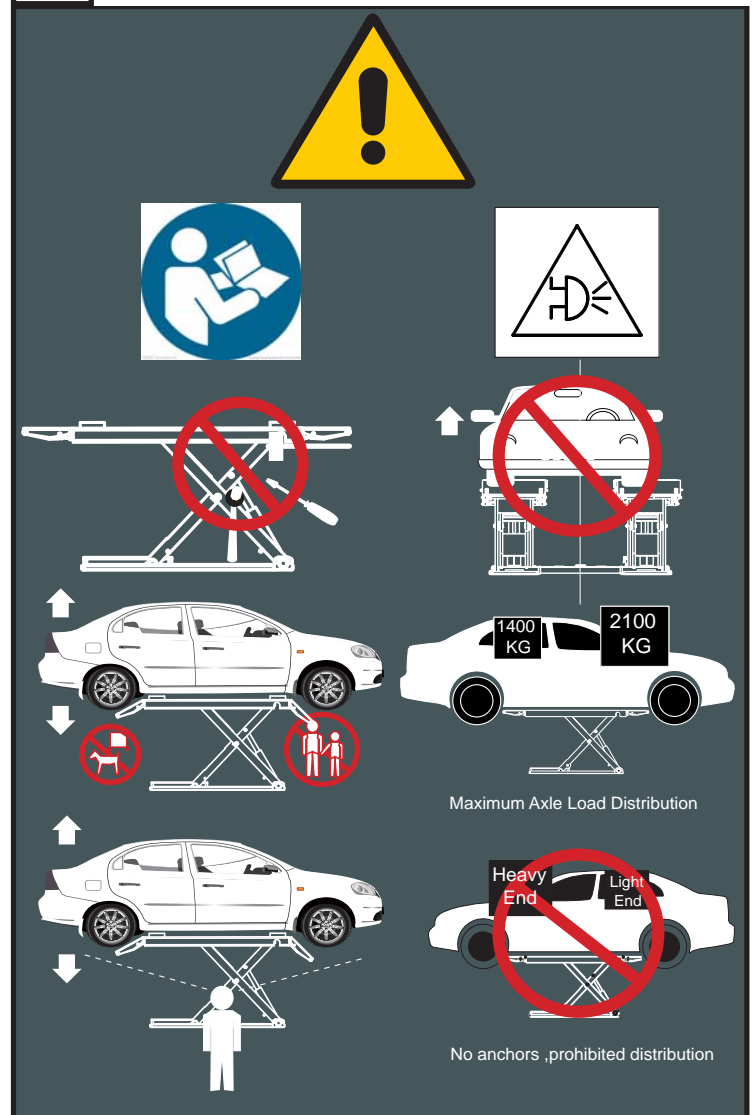
Internal accident, health and safety, and environmental information

This operating manual does not include the operating instructions which need to be drafted by the user of the scissor lift.

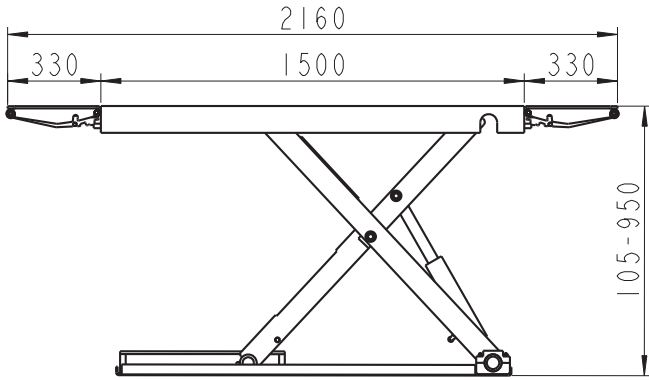
The internal operating instructions regulate actions within the company for the prevention of accidents, and risks to health & safety and the environment.

These also include actions in the case of an emergency, first aid measures etc.

3



CHAPTER2 TECHNICAL SPECIFICATIONS



TECHNICAL DATA:

| | |
|--------------------------|-------------------|
| Operation..... | electro-hydraulic |
| Carrying Capacity..... | 3500kg |
| Lift time..... | 20sec. |
| Lowering time..... | 20sec. |
| Noisy level..... | <74 db |
| Weight..... | 565 kg. approx. |
| Working temperature..... | -10°C / +40°C |

Installation requirements: enclosed area.

MOTOR

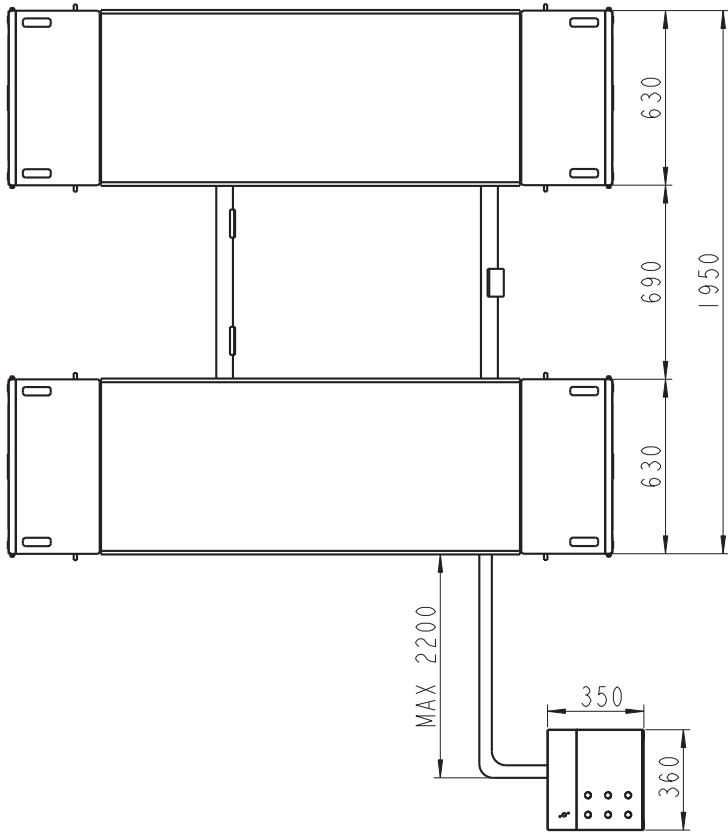
| | |
|-----------------------|-------------|
| Power..... | 3 Kw |
| Voltage..... | 230V 1ph |
| Frequency..... | 50/60 Hz |
| Poles..... | 2 |
| Speed..... | 2680 rpm |
| Insulation class..... | B |
| Absorption:..... | 230V: 18.5A |
| Service..... | S3 10Min |

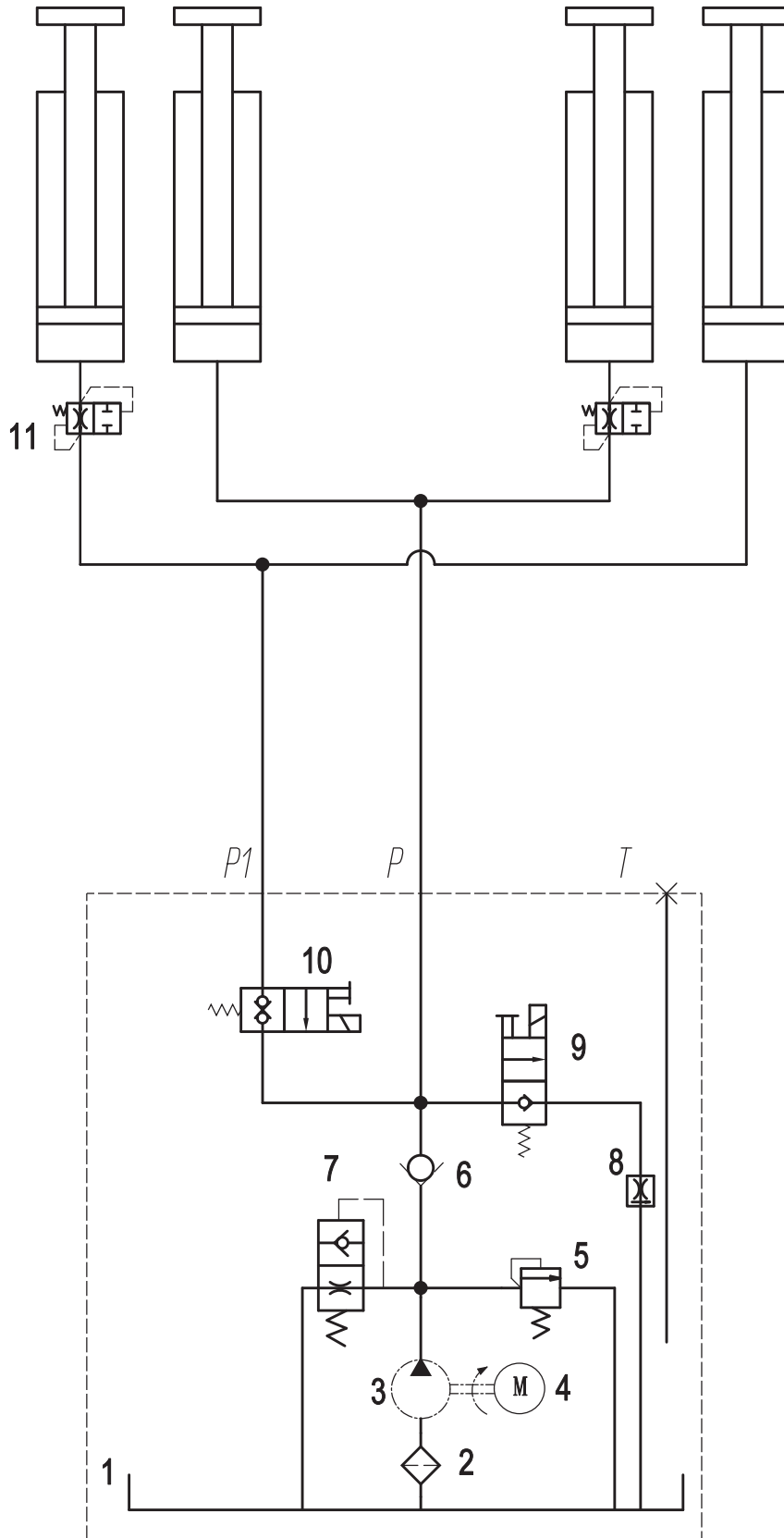
HYDRAULIC CONTROL UNIT:

| | |
|--------------------|----------------------------|
| Type..... | Gear pump |
| Displacement..... | 2.1 cm ³ /round |
| Peak pressure..... | 230 bar |
| Relief valve:..... | 250 bar |

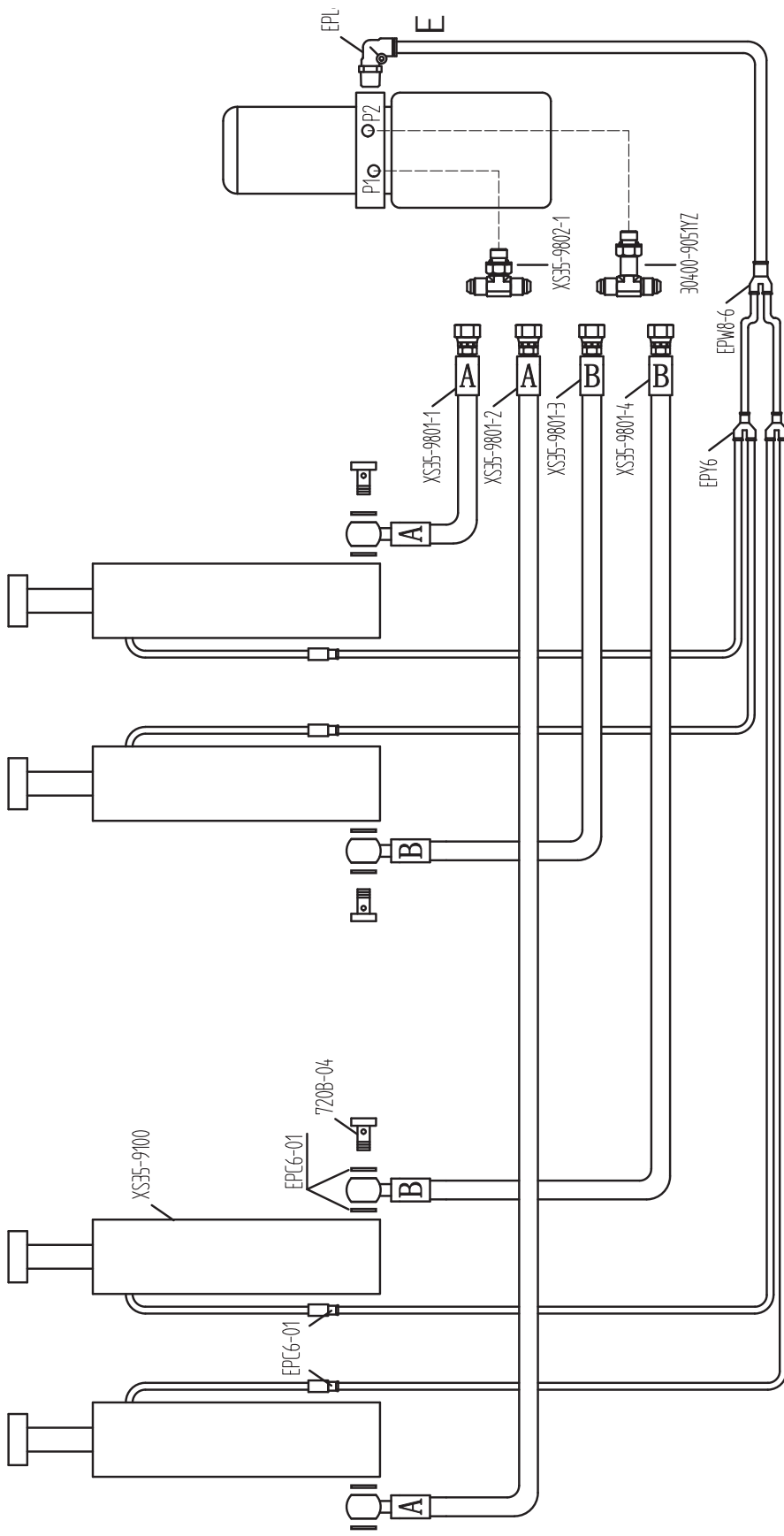
OIL

Use Dexron III ATF, or hydraulic fluid that meets ISO32 specifications. Remove fill breather cap and add ten quarts of fluid. Turn power to on and ensure the disconnect switch and emergency stop buttons are in the "ON" position.



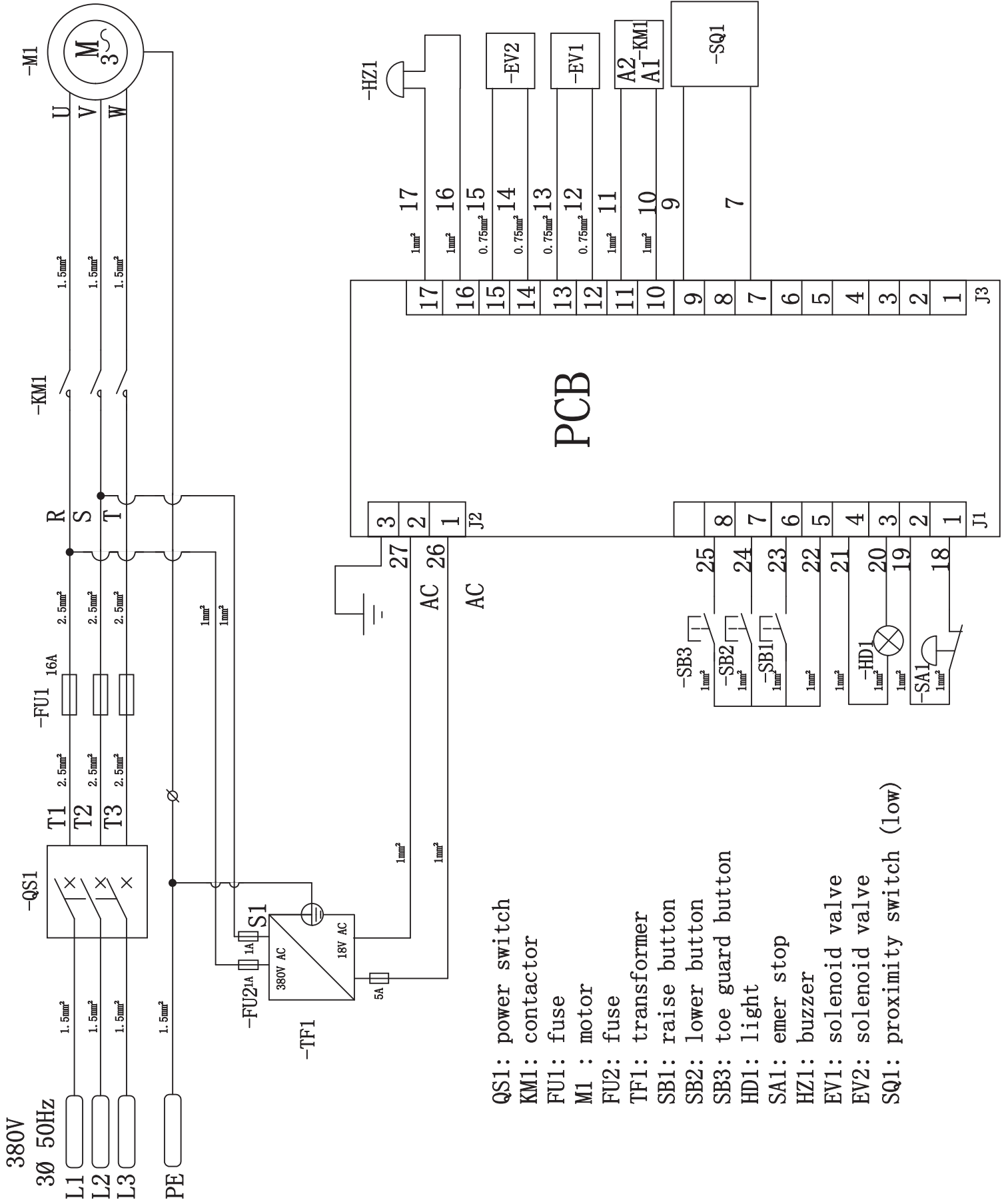


HYDRAULIC SYSTEM DIAGRAM



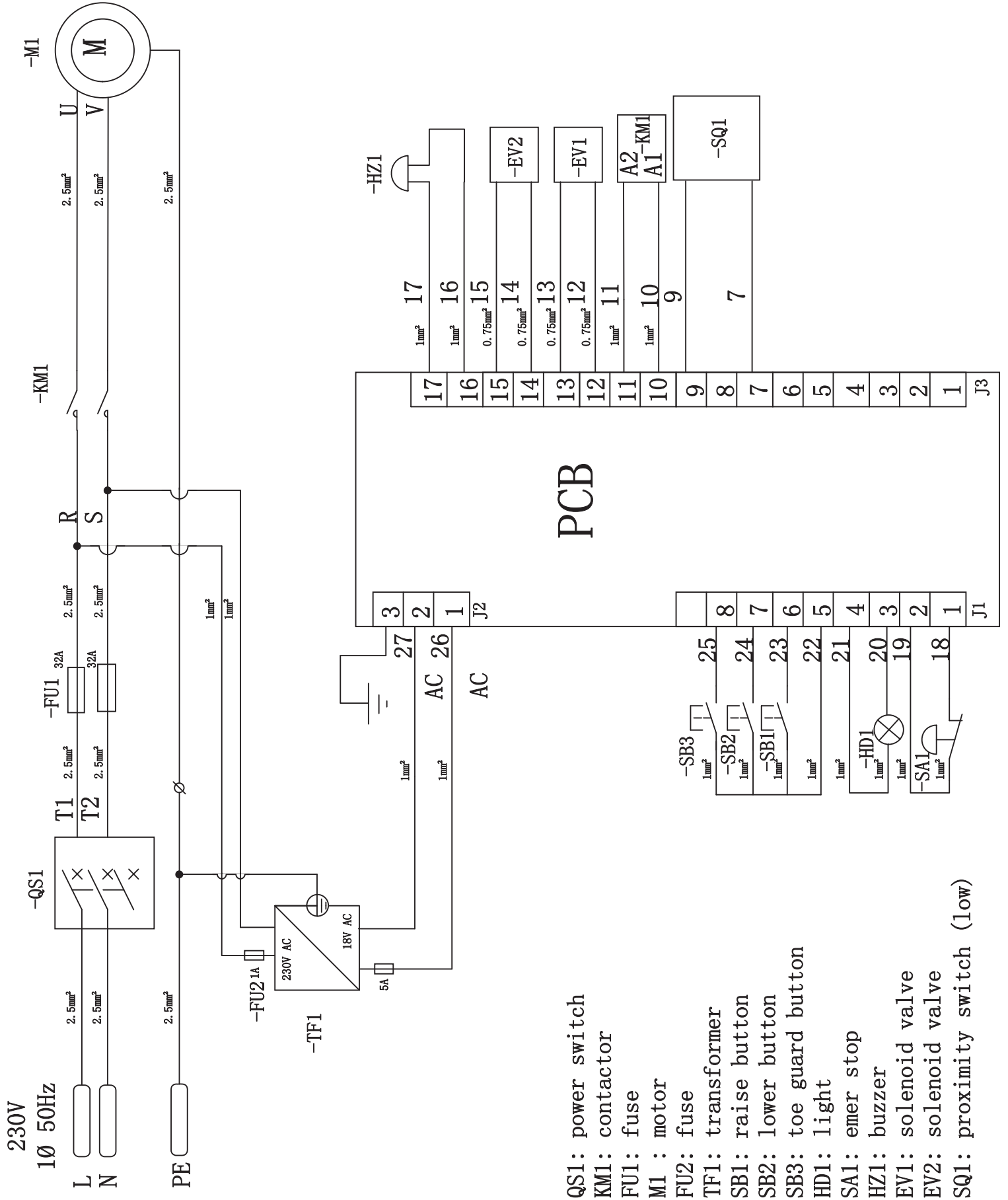
HYDRAULIC DIAGRAM CONNECTION

WIRING SCHEMATIC



- QS1: power switch
- KM1: contactor
- FU1: fuse
- M1 : motor
- FU2: fuse
- TF1: transformer
- SB1: raise button
- SB2: lower button
- SB3: toe guard button
- HD1: light
- SA1: emer stop
- HZ1: buzzer
- EV1: solenoid valve
- EV2: solenoid valve
- SQ1: proximity switch (low)

WIRING SCHEMATIC



CHAPTER 3 SAFETY



WARNING

Read this chapter carefully and completely since important information for the safety of the operator or others in case of improper use of the lift is included.

FAILURE TO COMPLY WITH THESE REGULATIONS CAN CAUSE SERIOUS INJURY TO PERSONS, AND IRREPARABLE DAMAGE TO THE LIFT AND THE VEHICLE LIFTED.

1 - Daily inspect your lift. Never operate if it malfunctions or if it has broken or damaged parts. Use only qualified lift service personnel and genuine Rotary parts to make repairs.

2 - During lifting or lowering operations, the car lift must be operated only from the operator's control site, as shown in the picture 4.

3 - Stopping or passing within the danger area when the lift is working or already lifted is strictly forbidden. Working personnel only is allowed to stay near the lift.

4 - The operator must make sure the danger area is empty before lifting or lowering the lift.

5 - Never use the machine without protection or when the safety devices are out.

6 - Always use the rubber pads when lifting a vehicle, observing the proper support points specified by the vehicle's manufacturer. (see chapter 5)

7 - To prevent the vehicle from falling make sure it is properly placed on the lift.

8 - Getting on the vehicle and/or starting the engine during lifting is strictly forbidden.

9 - Never leave objects and/or obstructions under the vehicle during the lowering phase.

10 - Always keep area around lift free of tools, debris, grease and oil to avoid the risk of slipping.

11 - Always keep platforms and ramps clean.

12 - Never use water steam varnish solvent jets in the car lift area, and particularly next to the control box.

13 - Proper lighting is extremely important. Make sure all areas to the car lift are well and uniformly lightened, according to the laws of the country where the lift is installed.

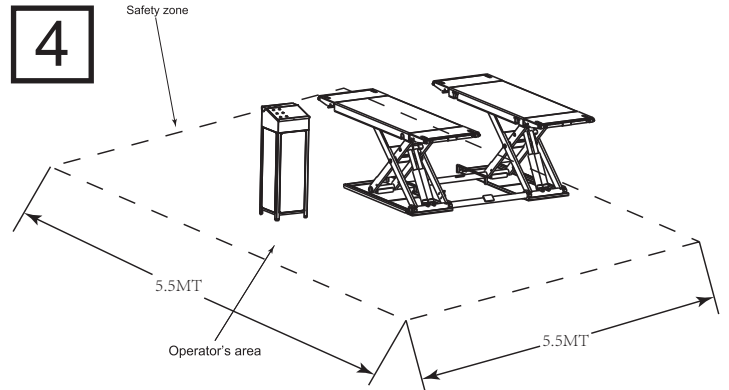
14 - Climbing on the platforms when lifting the vehicle or when the same has been already lifted is strictly forbidden.

15 - Any use of the car lift other than what herein specified can cause serious accidents to the operator as well as to the people in close proximity.

16 - Never exceed the maximum carrying capacity of 3500 kg when using the car lifts.

17 - Replace all control warnings, or safety related decals on the lift when unable to read or missing.

18 - Normal operating temperature range is 7° C (45° F) to 38° (100° F).



SAFETY DEVICES

1. Buzzer

Acoustic alarm. Sounds:
When lowering the main lift < 120mm (foot protection)

2. Lockable main switch

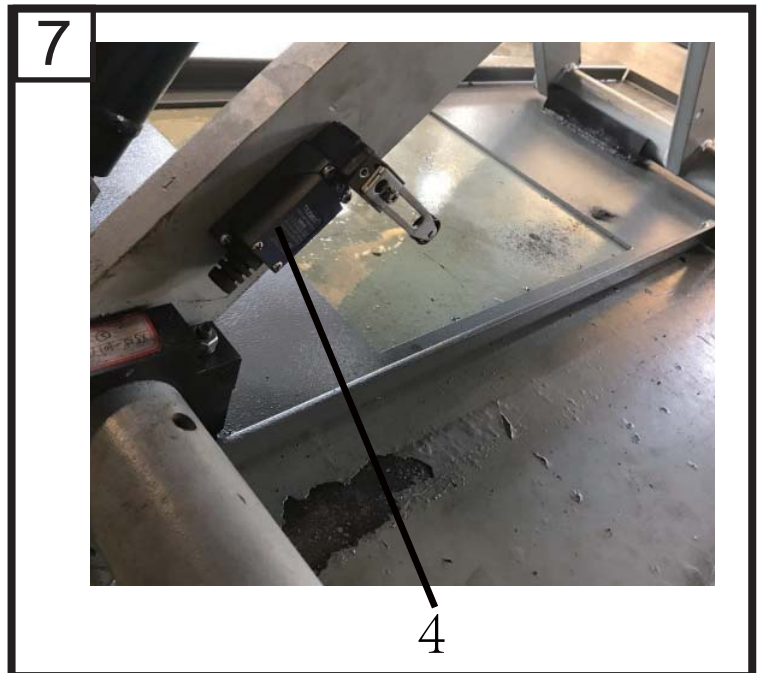
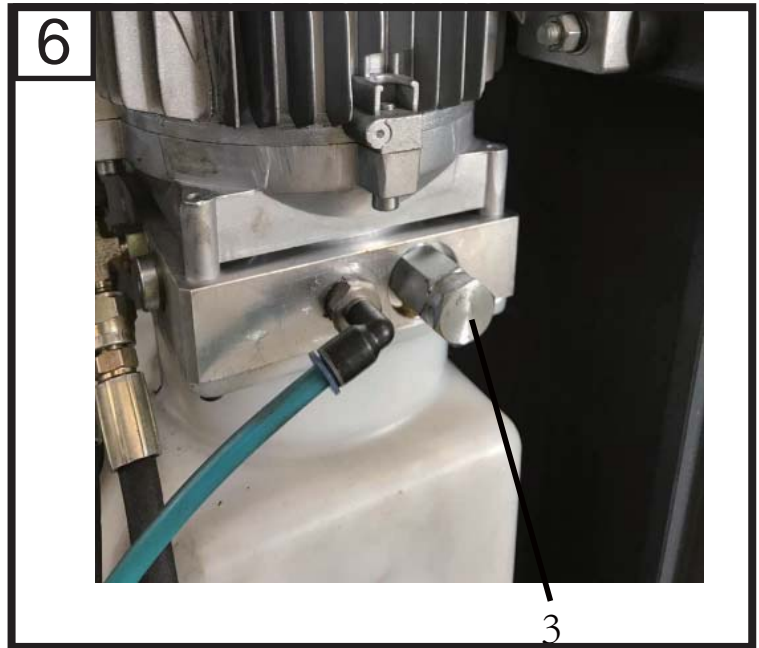
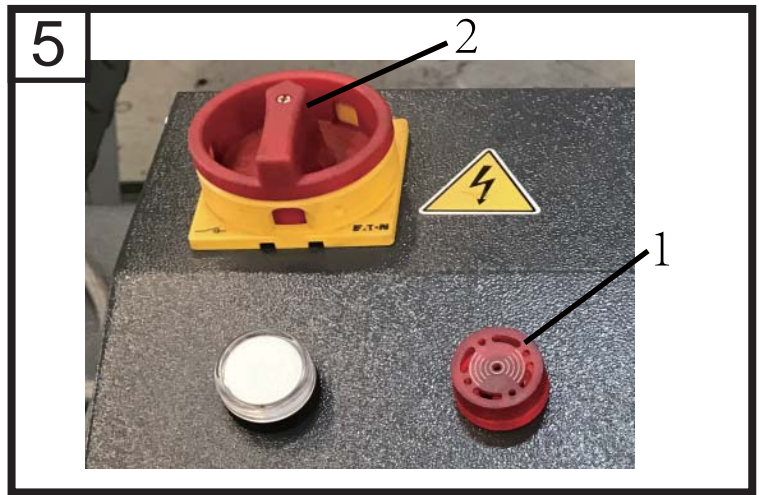
"ON" setting: Scissor lift ready for use.
"OFF" setting: Scissor lift out of use. The mains voltage is still present inside the control box.
Switching off (OFF) immediately stops any movement of the post lift (= emergency stop)

3. Overflow valve

The overflow valve is factory set to ca. 210 bar.
Prevents a overload lifting to protect the hydraulic power unit from being damaged.

4. Low limit switch on the scissor leg with control unit

Deactivates the lowering process at a lift height of 120mm (foot protection, otherwise a crushing or shearing hazard exists).



 **WARNING**

Unpack the goods and check for possible damage before installing the car lift.

INSTALLATION REQUIREMENTS

The car lift must be installed according to the specified safety distances from walls, columns, other equipments, etc. The minimum distance from walls must be 1000 mm at least, taking into consideration the necessary space to work easily. Further space for the control site and for possible runways in case of emergency is also necessary. The room must be previously arranged for the power supply. The car lift can be placed on a horizontal concrete floor with concrete quality C20/C25 and a minimum thickness of 150 mm.

- Place the car lift as required following the instructions above indicated.
- Connect hydraulic hoses A and B and the Drainhose E to the power pack in the control box (page 8).
- Use Dexron III ATF, or hydraulic fluid that meets ISO32 specifications into the tank.
- Then carry out electrical connection (see. diagrams on pages 9,10)

ATTENTION ! Skilled personnel only is allowed to perform this operation.

ATTENTION ! The installation must comply with the regulations in force and must be equipped with relevant fuses (see electrical installation).

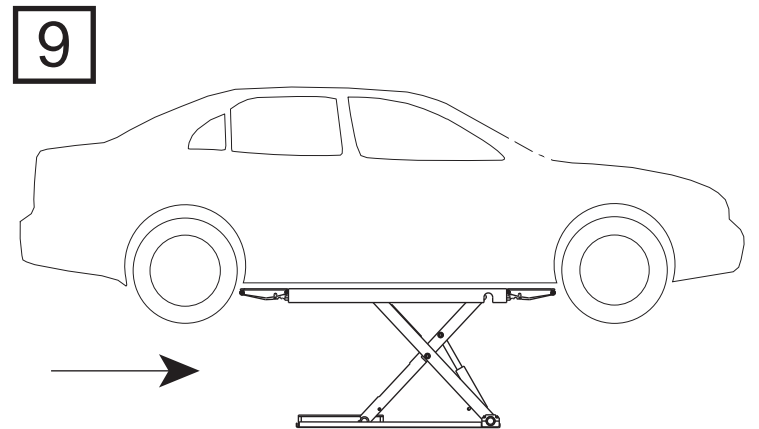
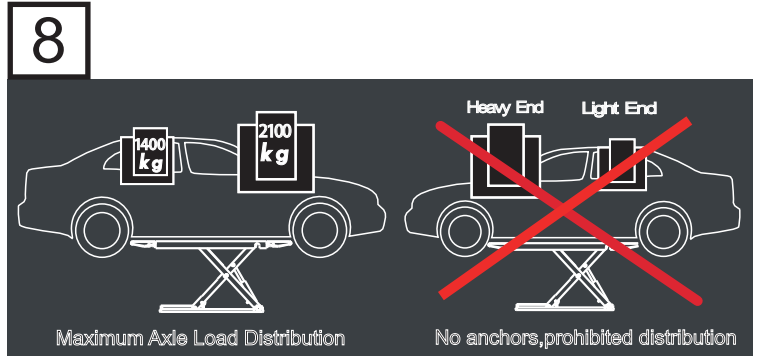
If you have ordered the anchor bolts. Keeping the platform in the highest position, drill the floor with an helical bit having a diam. of 12 mm for a depth of 90 mm, using the holes made on the base as a template.

Clean the holes, insert the optional anchor bolts and then tighten with a torque wrench of 40 Nm.

In case of using the platform in a definite place of the workshop, it can be chosen to fixed to the floor with **optional** anchor bolts or not fixed, according to instructions contained in this manual.(figure 8)

In case of moving the scissor lift to different places by **optional** mobile kit, the lift can be used according to the following restrictions:

- Place it on horizontal floor having proper resistance.
- Drive the vehicle on the cylinder opposite side (see figure 9)



CHAPTER 5 OPERATING INSTRUCTIONS



WARNING

To avoid personal injury and/or property damage, permit only trained personnel to operate lift. After reviewing these instructions, get familiar with lift controls by running the lift through a few cycles before loading vehicle on lift.



ATTENTION

Always lift the vehicle using all four rubber pads. Never raise just one end, one corner, or one side.

1. Before Loading:

- Inspect lift to assure it is in good operation condition.



WARNING

If lift is not operating properly, do not use until adjustments or repairs are made by a qualified lift service technician.



WARNING

Keep hand and feet clear of linkages while the lift is being raised or lowered.



WARNING

Ensure overhead clearance is provided to raise vehicles to desired height.

2. Loading:

- Assure lift is fully lowered before lifting.



WARNING

Before attempting to lift vehicle be sure that:

- Vehicle is positioned over pads as shown in figure 12.
- Vehicle unibody is strong enough to support its weight and has not been weakened by modification or corrosion.
- Use front ramp for vehicle support as necessary to reach front lift points.
- If pickup points can still not be reached, use both front and rear ramps for vehicle support.
- Use front ramp for vehicle support as necessary to reach front lift points.
- If pickup points can still not be reached, use both front and rear ramps for vehicle support.
- The field of motion of the load and of the load carrying devices shall be free of obstructions.

- Use auxiliary rubber blocks to create clearance between vehicle chassis and lift pad.
- Auxiliary rubber blocks/pads are in secure contact with vehicle manufacturer's recommended lift points.
- Vehicle is stable on lift; neither front nor tail heavy.

3. To Raise Lift, see figure 11:

- Actuate RAISE BUTTON.
- Raise vehicle until tires clear the floor.
- STOP: Check pads for secure contact with vehicle.
- Shake car moderately at front or rear bumper.
- Continue to raise to desired height ONLY if vehicle is secure on lift. If necessary, lower lift and reposition using vehicle manufacturer's recommended pick-up points.

4. Before Lowering Lift:

- Remove all obstacles from under vehicle and lift.
- Assure personnel are not in lift area.



WARNING

Observe warning decals, (Figure 10).

5. To Lower Lift, see Figure 11:

- Remain clear of lift.
- Actuate the RAISE BUTTON for one second.
- Actuate the LOWER BUTTON to lower lift while keeping feet clear.

6. Unloading:

- Assure lift is fully lowered.
- Remove any rubber blocks used when raising the vehicle.
- Carefully remove vehicle from lift area.

10



WARNING

Keep feet clear of lift while lowering.

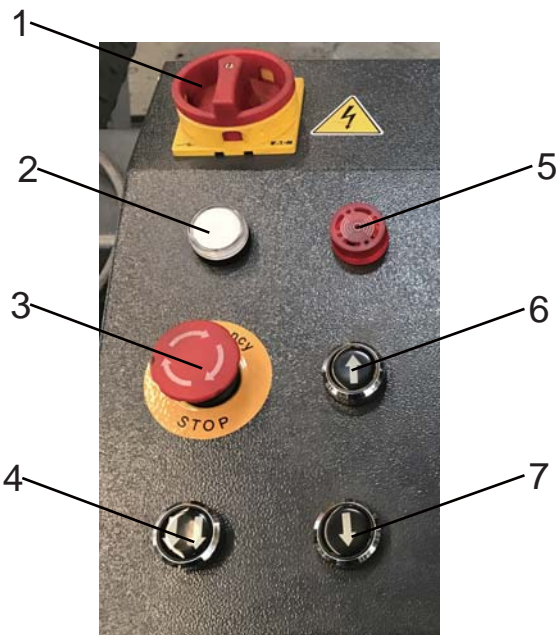


WARNING

Always make sure ramp is fully engaged.

NP1207 Rev. A

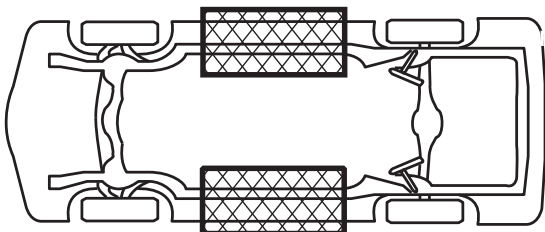
11



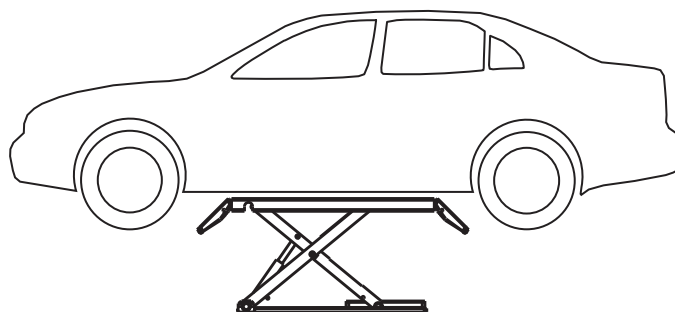
- 1. Power Switch
- 2. Power Light
- 3. Emergency Stop
- 4. Lower to ground Button
- 5. Buzzer
- 6. Raise Button
- 7. Lower Button

12

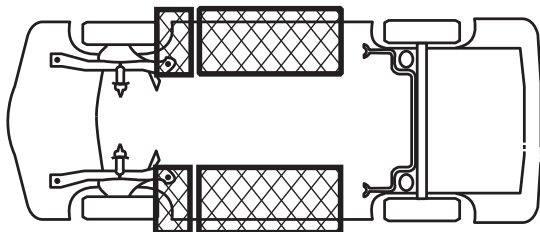
Front



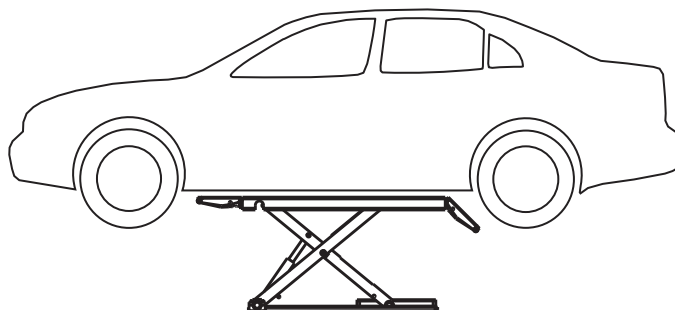
Small Vehicle



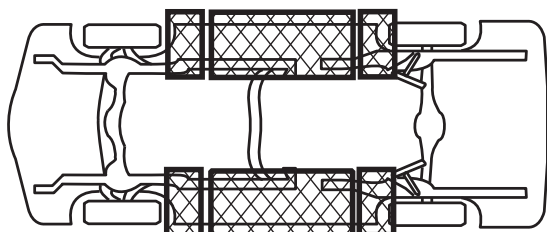
Front



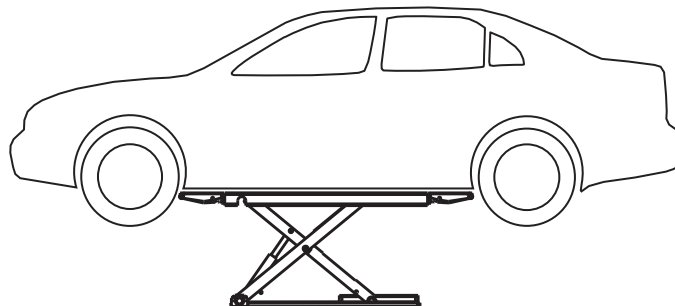
Midsize Vehicle



Front



Large Vehicle



CHAPTER 6 MAINTENANCE



WARNING If you are not completely familiar with automotive lift maintenance procedures **STOP:** Contact factory for instructions.

To Avoid Personal Injury, permit only qualified lift service personnel to perform maintenance on this equipment.

Use only original equipment manufacturer approved replacement parts for repairs.

- Always keep all bolts and nuts tight. Check periodically.

- Always raise lift when cleaning floor area.

- Always keep lift clean. Keep bottom weldment dry and free from corrosives such as salt and cleaning fluids.

- Daily: Inspect rubber blocks for damage or excessive wear. Replace as required with genuine Rotary parts.

- Weekly: Inspect all lift parts for signs of damage due to overloading and rough handling.

- Weekly: Empty water and refill oil as needed for filter regulator lubricants.

- Monthly: Lightly grease sliding surfaces and top cylinder clevis pin with all purpose grease.

- Semi-Annually: Check fluid level of lift power unit while lift is fully lowered. Refill if required per fill line on tank. If fluid is required, inspect all hoses and seals. Repair or replace as required.

- Semi-Annually: Check anchor bolts to ensure they are torqued to 25ft.lbs.

- If lift stops short of full rise or chatters, check fluid level and purge both cylinders per lift installation instructions.

- Replace all CAUTION, WARNING, or SAFETY related decals on the lift if unable to read or missing. Reorder labels from Rotary Lift.

- Semi-Annually: If you have ordered the anchor bolts. Check anchor bolts to ensure they are torqued to 60Nm.

- If lift stops short of full rise or chatters, check fluid level and purge both cylinders per lift installation instructions.

- Replace all CAUTION, WARNING, or SAFETY related decals on the lift if unable to read or missing. Reorder labels from Rotary Lift.

CHAPTER7 TROUBLE SHOOTING

| Trouble | Cause | Remedy |
|---|---|---|
| Electric motor does not run. | <ol style="list-style-type: none"> 1. Blown fuse or tripped circuit breaker. 2. Incorrect voltage to motor. 3. Damaged wiring connections. 4. The motor thermic switch is activated from overheating. | <ol style="list-style-type: none"> 1. Replace blown fuse or reset circuit breaker. 2. Supply correct voltage to motor. 3. Repair and insulate all connections. 4. Wait for 10 minutes and try starting again; then, using a tester make sure contact is closed again. |
| Electric motor runs but will not raise lift. | <ol style="list-style-type: none"> 1. Motor runs in reverse rotation. 2. Load too heavy. 3. Low fluid level. 4. Suction tube is clogged. | <ol style="list-style-type: none"> 1. Switch the phase and make sure motor turns in the direction indicated by the arrow. 2. Check vehicle capacity. 3. Fill tank with Dexron III ATF or ISO32. 4. Check and clean. |
| Oil Blowing Out Fill-Breather Cap | <ol style="list-style-type: none"> 1. Oil Leak/Pump Failure. 2. Incoming Motor Voltage Incorrect. 3. Vehicle Weight And Balance Not Within Lift Capacity. | <ol style="list-style-type: none"> 1. External oil leak-locate and repair leak. Internal oil leak-have hydraulic system serviced by an authorized service representative. 2. Supply correct voltage to motor, contact your local service authority. 3. Use lift only to rated capacity. |
| Lift Fails To Raise When Pushing Raise Button | <ol style="list-style-type: none"> 1. Raise button defective. 2. Vehicle weight and balance not within lift capacity 3. Motor rotation incorrect. 4. Incoming motor voltage incorrect or insufficient 5. Loose or damaged wiring 6. Blown fuse. | <ol style="list-style-type: none"> 1. Replace raise button. 2. Use lift only at rated load. 3. Switch the phase and make sure motor turns in the direction. 4. Supply correct voltage to motor, contact your local service authority. 5. Inspect and repair loose or damaged wiring. 6. Check for blown fuse. |
| The lowering button is pressed but the lift does not lower. | <ol style="list-style-type: none"> 1. Obstacles blocking the lowering phase. 2. Switch is off or power supply is interrupted. | <ol style="list-style-type: none"> 1. Remove the obstacles blocking the lowering phase. 2. Check and supply power to lift. |

Check Operation

Operate lift and assure that push button raises lift when pushed and stops lift when released. Check disconnect switches for cutting power to push-buttons. Also check that limit switch stops lift from lowering when actuated.

Lubricate the surface of slide between the top platform and base frame before commissioning. It can be applied by brushing. This can significantly increase the service life of the lift.

Test the hydraulic system

1. Set the main switch to ON.

2. Move the unloaded lift to full rise and the bottom position several times using the Up and Down buttons. This will completely remove any air pockets in the hydraulic system.

3. Press up button to raise lift to full rise and keep motor running for 5 seconds. Stop and check all hose connections. Tighten or reseal if required.

4. Carry out a visual inspection of the hydraulic and pneumatic system. In doing so, check all lines, especially the couplings. No leaks must be found.

5. Lower the lift completely and check the hydraulic oil level. This must also correspond to the maximum level.

6. Finally check that the hydraulic components are fitted securely.

Environmental procedures for disposal

- Prevent environmental hazards.
- Avoid contact with or inhalation of toxic substances such as hydraulic fluid
- Oils and lubricants are water pollutants under the terms of the Water Management Act WGH. Always dispose of these in an environmentally friendly manner in compliance with the regulations which apply in your country.
- Hydraulic oil-based on mineral oil is a water pollutant and is combustible. Refer to the relevant safety data sheet for disposal.
- Provide suitable oil drain pans and oil absorbents to drain the oil.
- Ensure that no hydraulic oil, lubricants, or cleaning materials contaminate the soil or wash away into the drainage system.

Packaging

Do not dispose of with domestic waste! The packaging contains some recyclable material which must not be disposed of with domestic waste.

1. Dispose of packaging materials in compliance with local regulations.

Oils, grease, and other chemical substances

1. When working with oil, grease and other chemical substances, comply with the environmental regulations which apply to the relevant product.
2. Dispose of oil, grease and other chemical substances in compliance with the environmental regulations which apply in your country.

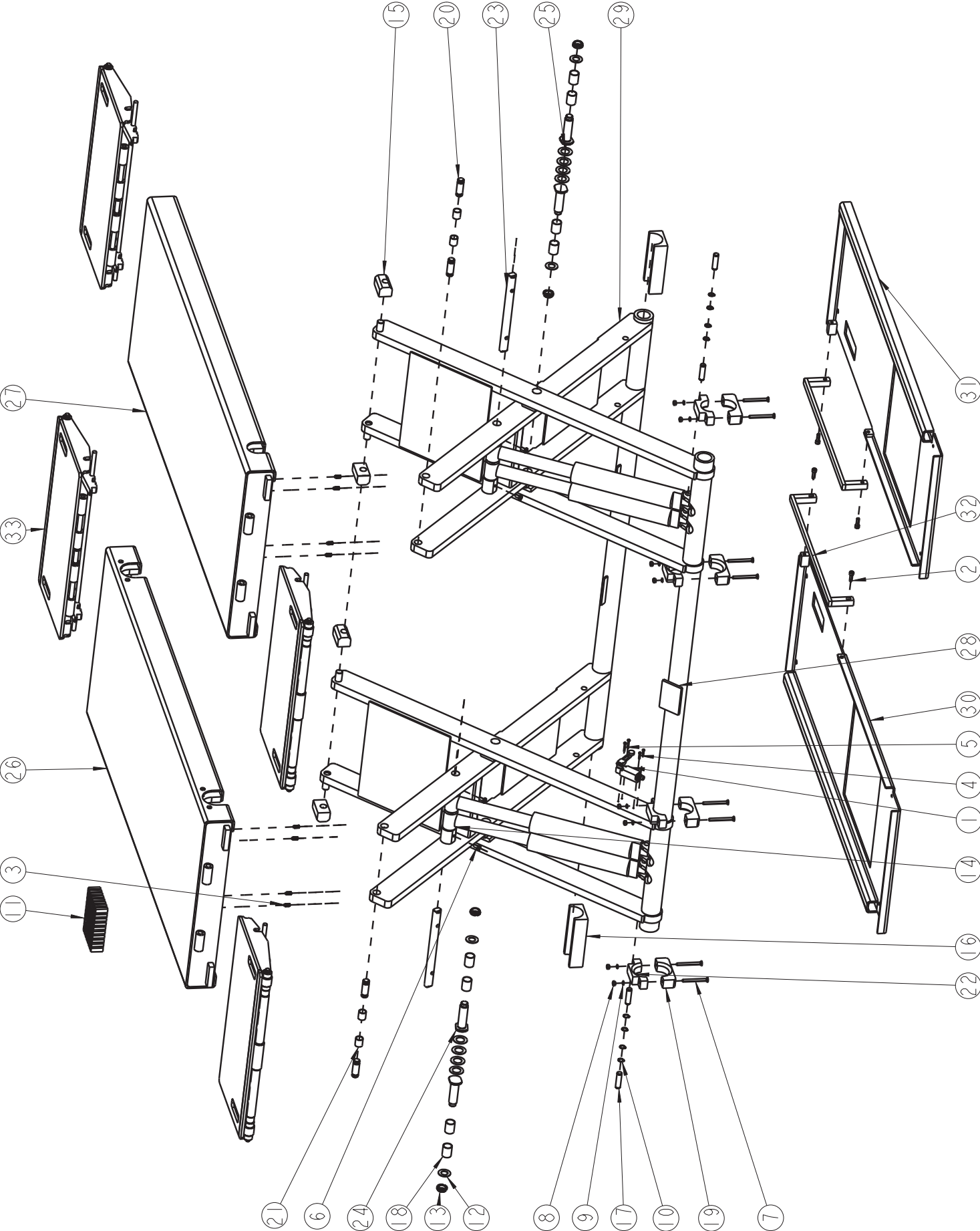
Metals / Electronic waste

This must always be properly disposed of by a certified company.



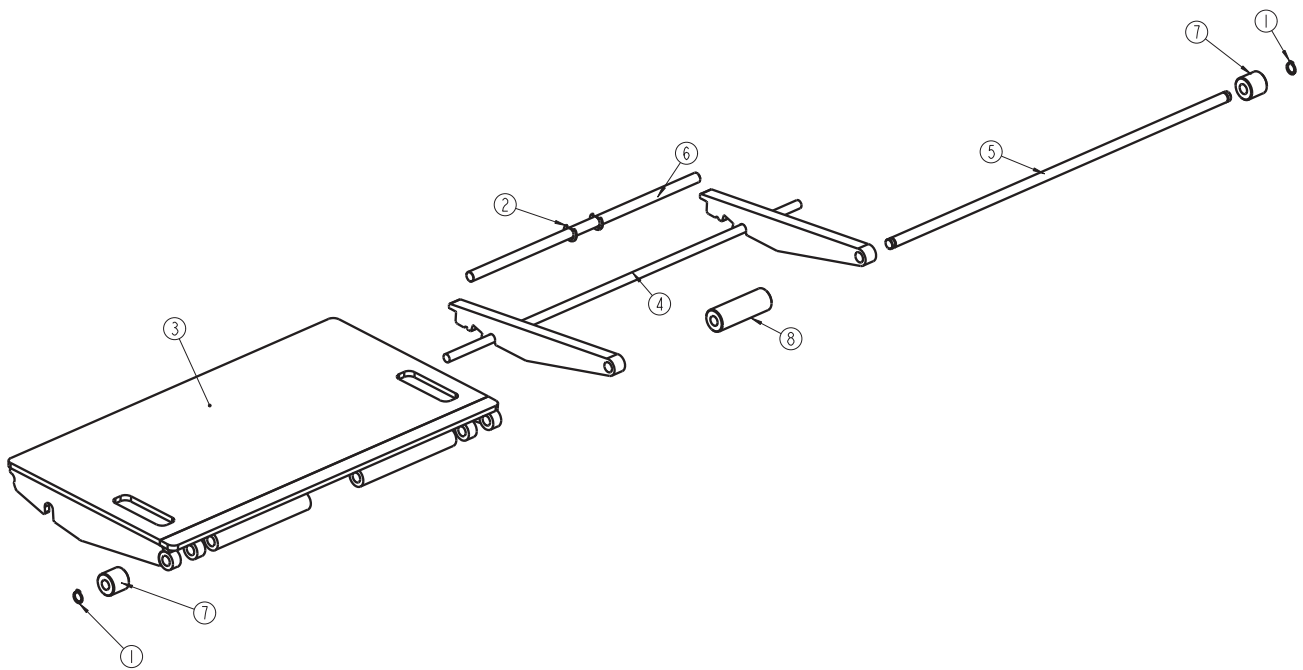
Dispose of used electrical and electronic devices, including cables, accessories and batteries, separately from household waste.

CHAPTER 10 PARTS BREAK DOWN



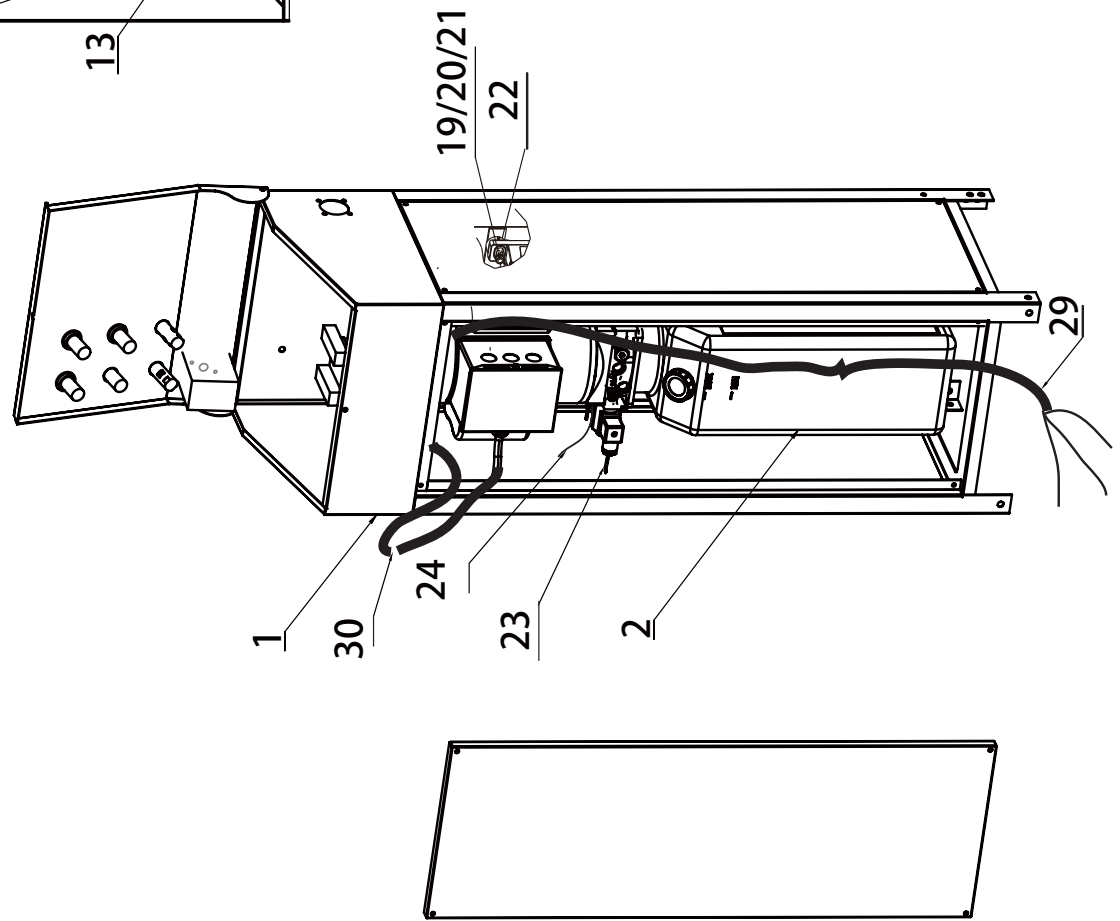
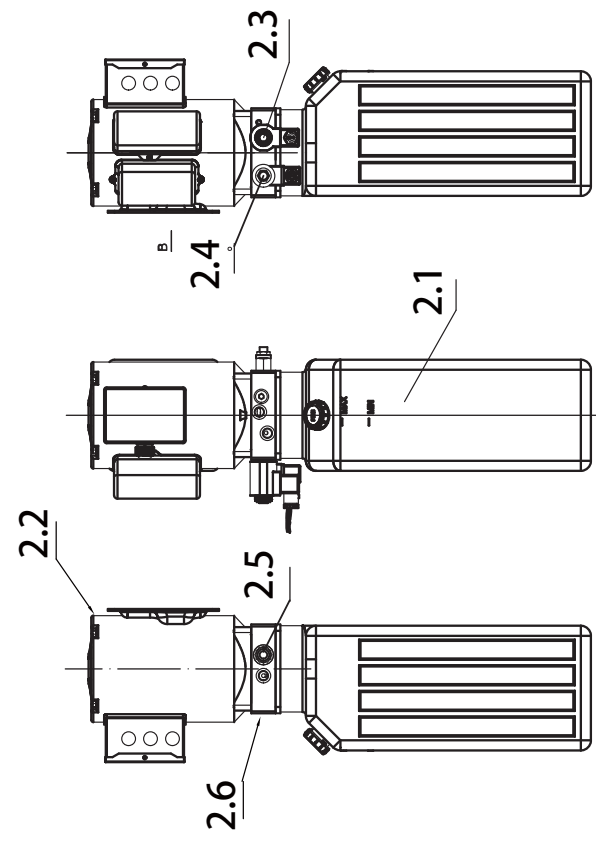
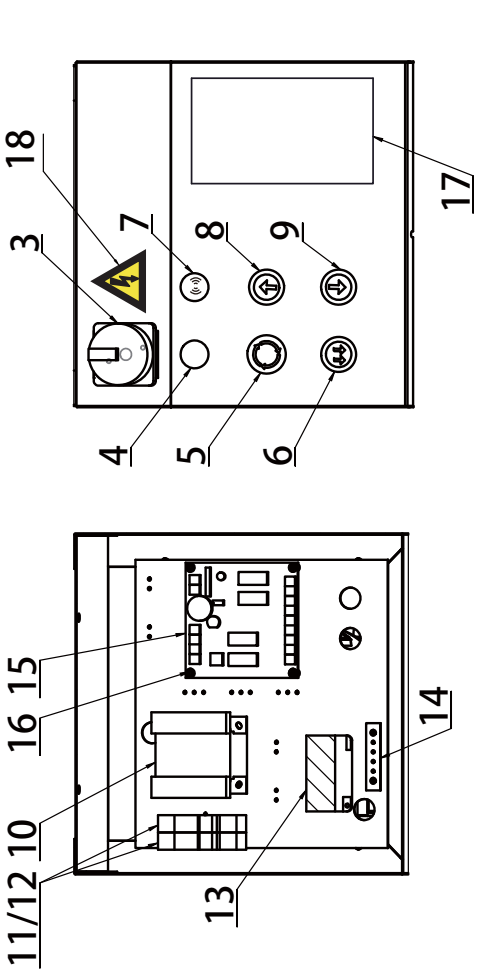
Detail for Xs35n

| | PartNo. | Description | Qty |
|----|------------|---------------------------------------|-----|
| 1 | AZ-8108 | LIMIT SWITCH | 1 |
| 2 | B20-8X25 | HEXAGON SOCKET CAP SCREW | 4 |
| 3 | B22-8X20 | SET SCREW | 8 |
| 4 | B23-4X20 | CROSS RECESS PAN HEAD SCREW | 2 |
| 5 | B23-4X30 | CROSS RECESS PAN HEAD SCREW | 2 |
| 6 | B25-8X16 | INNER HEXAGON CAP SCREW | 4 |
| 7 | B26-8X80 | HEXAGON SOCKET COUNTERSUNK HEAD SCREW | 8 |
| 8 | B30-8 | HEX NUT M8 | 8 |
| 9 | B40-8 | LOCK WASHER Ø8 | 8 |
| 10 | B60-15 | SHAFT RING, 15mm | |
| 11 | FJ2427 | SPACER BLOCK 1 1/2" | 4 |
| 12 | K35-7010 | WASHER | 8 |
| 13 | XG130007 | M20X1.0 SLOTTED ROUND LOCKNUT | 1 |
| 14 | XS35-9000 | CYLINDER | 4 |
| 15 | XS35-1001G | UNDER DESK SLIDER BLOCK | 4 |
| 16 | XS35-1002G | SLIDER BLOCK | 4 |
| 17 | XS35-1006G | CYLINDER PIN | 2 |
| 18 | XS35-1010G | BEARING,25 DIAM X 35 LONG | 4 |
| 19 | XS35-1011G | NYLON BLOCK | 8 |
| 20 | XS35-1012G | PLATFORM PIN | 4 |
| 21 | XS35-1013G | BEARING,20 DIAM X 25 LONG | 4 |
| 22 | XS35-1017G | NYLON BLOCK | 4 |
| 23 | XS35-1018G | PIN | 4 |
| 24 | XS35-1019G | PIN | 2 |
| 25 | XS35-1020G | WASHER | 4 |
| 26 | XS35-1100G | PLATFORM WELDMENT | 1 |
| 27 | XS35-1200G | PLATFORM WELDMENT | 1 |
| 28 | XS35-1300G | LEG WELDMENT | 1 |
| 29 | XS35-1400G | LEG WELDMENT | 1 |
| 30 | XS35-1500G | LEFT BASE WELDMENT | 1 |
| 31 | XS35-1600G | RIGHT BASE WELDMENT | 1 |
| 32 | XS35-1700G | CONNECTING ROD WELDMENT | 2 |
| 33 | XX110003 | RAMP ASSEMBLY | 4 |



Detail for Xs35n Ramp

| | PartNo. | Description | Qty |
|---|----------|-----------------------|-----|
| 1 | B60-14 | CIRCLIP | 2 |
| 2 | B61-12 | CIRCLIP | 2 |
| 3 | XX120007 | RAMP WELDMENT | 1 |
| 4 | XX120008 | RAMP SUPPORT WELDMENT | 1 |
| 5 | XX130063 | RAMP ROLLER SHAFT | 1 |
| 6 | XX130064 | RAMP ROLLER SHAFT | 1 |
| 7 | XX130236 | RAMP ROLLER | 2 |
| 8 | XX140009 | RAMP ROLLER | 1 |



| Detail for CONTROL CABINET (XS35NF,1ph 50/60HZ 230V) | | | |
|--|---------------------------|---|-----|
| | PartNo. | Description | Qty |
| 1 | XX110016E | 4 side open control cabinet (steel parts) | 1 |
| 2 | P3669 | 3Ph ,50HZ,400V per unit | 1 |
| 2.1 | YBZ-SLYX-10L-L-A | Tank | 1 |
| 2.2 | AM11-2IIAM-3BA2R | 3kw motor | 1 |
| 2.3 | LSV-08-2NCSP-LM-2H | Solenoid valve 24VDC | 1 |
| | LC3-10-C-2H | Coil | 1 |
| 2.4 | LSV2-08-2NCP-J-2H | Solenoid valve 24VDC | 1 |
| | LC2-08-2H | Coil | 1 |
| 2.5 | LPSRV2-08-50 | Relier Valve | 1 |
| 2.6 | LBZ-T131KK-1 | Manifold | 1 |
| 2.7 | CBKA-F2.1F | Gear Pump | 1 |
| 3 | P1-25/EA/SVB(DQ-QJ-00003) | Main switch | 1 |
| 4 | AD16-22/W23(DQ-QJ-00028) | Light | 1 |
| 5 | CE4T-10R-01(DQ-QJ-00026) | Emergency stop switch | 1 |
| 6 | DS35-DQ-ZP3 | Lower to ground button | 1 |
| 7 | AD16-22SM/R | Buzzer | 1 |
| 8 | DS35-DQ-ZP1 | Up button | 1 |
| 9 | DS35-DQ-ZP2 | Lower button | 1 |
| 10 | JBK5-230/380/400/AC18V | Transformer | 1 |
| 11 | LS501 | Fuse Block | 2 |
| 12 | RT18-32 | 32A Fuse | 2 |
| 13 | RGF2BU024L | Relay | 1 |
| 14 | PV-1030 | Ground bar | 1 |
| 15 | DS35-DQ-PCB1A | PCB Board | 1 |
| 16 | XG150085C | Pipe(PVC) stud | 4 |
| 17 | BQ-081 | Warning sticker | 1 |
| 18 | C30-BQ9 | Decal | 1 |
| 19 | B30-8 | Hex NutM8 | 8 |
| 20 | B40-8 | Lock Washer Φ8 | 8 |
| 21 | B41-8 | Flat washer Φ8 | 8 |
| 22 | PV-2005 | Damping bolt | 4 |
| 23 | DS35D0-DQ4-2 | EV1 Wire kit | 1 |
| 24 | DS35D0-DQ4-1 | EV2 Wire kit | 1 |
| 25 | FJ7352-3 | Fitting on P1/P2 Port | 2 |
| 26 | EPL8-03 | Air fitting | 1 |
| 27 | EPY8 | Y fitting | 1 |
| 28 | | Black Air tube 8mm | 15m |
| 29 | DS35EX-1PH-DQ4-4 | Power cable 3*2.5 ² | 1 |
| 30 | DS35N0-DQ4-3 | Motor cable 3*2.5 ² | 1 |

* Note: Item 25/26/27/28 not show on the drawing.

Vehicle Service GroupSM
2700 Lanier Drive
Madison, IN 47250, USA
1-800-640-5438
www.vsgdover.com



© **Vehicle Service GroupSM**
All Rights Reserved. Unless otherwise
indicated, **Vehicle Service GroupSM**
and all other trademarks are property
of Dover Corporation and its affiliates.