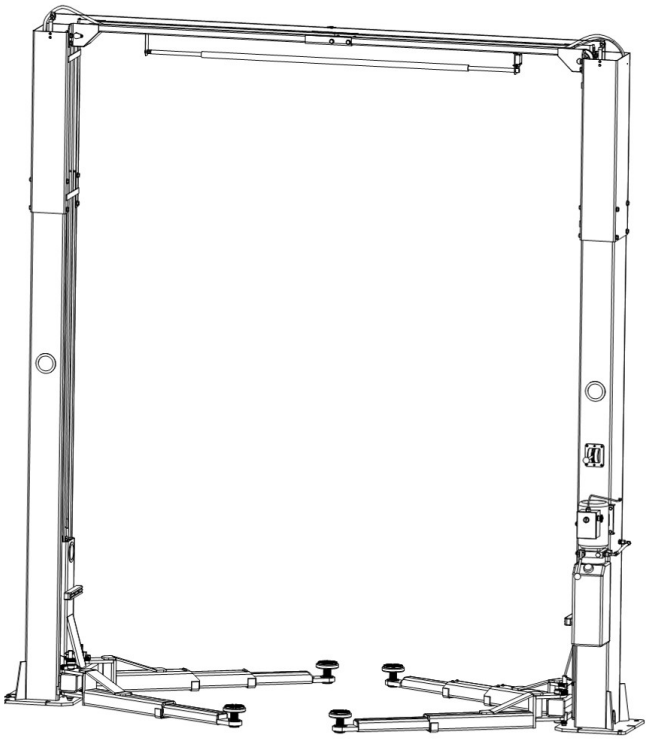
quality lifts

SYMMETRIC 2-POST LIFT



INSTALLATION AND OPERATION MANUAL

Models Applicable：EELRQB765EL series

Version：A

Release Date：OCT, 26, 2020

ZEELRQB765EL-EN

Table of Contents

READ THIS INSTRUCTION MANUAL THOROUGHLY BEFORE INSTALLING, OPERATING, SERVICING OR MAINTAINING THE LIFT. SAVE THIS MANUAL.

1. SAFETY INSTRUCTIONS

1. When using this lift, basic safety precautions should always be followed, including the following.
2. Read all instructions in this manual and on the lift thoroughly before installing, operating, servicing or maintaining the lift.
3. Inspect lift daily. Do not operate if it malfunctions or encountered any problems.
4. Never attempt to overload the lift. The manufacturer's rated capacity is shown on the identification label on the power side column. Do not override the operating controls or the warranty will be void.
5. Before driving vehicle between the towers, position the arms to the drive-through position to ensure unobstructed clearance. Do not hit or run over arms as this could damage the lift and/or vehicle.
6. Only trained and authorized personnel should operate the lift. Do not allow customers or bystanders to operate the lift or be in the lift area.
7. Position the lift support pads to contact the vehicle manufacturers recommended lifting points.
8. Check all arm restraints and insure they are properly engaged before raising the vehicle.
9. Note: Always use all 4 arms to raise and support vehicle. Two different height extension shafts cannot be used in parallel.
10. Caution! Never work under the lift unless the mechanical safety locks are engaged.

11. Note that the removal or installation of some vehicle parts may cause a critical load shift in the center of gravity and may cause the vehicle to become unstable. Always use high jack stands to support the vehicle.
12. Always keep the lift area free of obstruction and debris. Grease and oil spills should always be cleaned up immediately.
13. Never raise vehicle with passengers inside.
14. Before lowering the vehicle, check area for any obstructions.
15. Before removing the vehicle from the lift area, position the arms to the drive-thru position to prevent damage to the lift and /or vehicle.
16. Do not remove hydraulic fittings while under pressure.
17. Keep clear of the pinch point between the lower pulley and cable.
18. Always shut down the main power after work, break time or leaving the service field, for prevent unauthorized operation.
19. Additional safety instructions

    For additional safety instructions regarding lifting, lift types, warning labels, preparing to lift, vehicle spotting, vehicle lifting, maintaining load stability, emergency procedures, vehicle lowering, lift limitations, lift maintenance, good shop practices, installation, operator training and owner/employer responsibilities.

ATTENTION! This lift is intended for indoor installation only. It is prohibited to install this product outdoors. Operating environment temperature range should be 5 – 40 °C. Failure to adhere will result in decertification, loss of warranty, and possible damage to the equipment.

Special Notice:

20. All four arms are straight and of the same length

    Center the vehicle center of gravity between the lift columns. Swing the arm under the vehicle to the manufactures recommended pick up points. All 4 arms must be used when rising vehicle. Adjust the pads to make even contact with the vehicle. The vehicle must be equally loaded on each arm. It may be necessary to perform the adjustment a few times to ensure proper lifting technique.

21. The safety cable tension on the lift needs to be checked and tightened before operating the lift, make sure that the safety locks on both sides are fully open while the safety handle is pulled up.
22. **WARNING: Operator must always wear safety shoes and keep feet clear of lift while lowering the lift**. Please refer to the **SAFETY AWARNNESS** label on the tower.

2. PRODUCT FEATURES AND SPECIFICATIONS

2.1 PRODUCT FEATURES

- Driven by dual hydraulic cylinders, it ascents and descents smoothly.
- Manual single point and emergency safety release.
- Four straight arms design
- Easily adjustable arms suitable for extended vehicle.
- Adjustable screw rubber pad.
- Transparent oil tank, easy to check oil level.
- A flow control at each cylinder to control lowering speed in case of a hose rupture.

2.2 TECHNICAL SPECIFICATIONS

Capacity:	4000 kg	8818 lbs.
Capacity per arm:	1000 kg	2204 lbs.
Overall Width:	3400 mm	134"
Width Between Columns:	2800 mm	110"
Drive-Thru Width: ：	2551 mm	100"
Overall Height:	3676 mm	145"
Height to Lowered Lift Pads	110 mm	4.3"
Height to Raised Lift Pads	156 mm	6.1"
Arm Retracted Length :	820/740 mm	32.3/29.1"
Arm Extended Length:	1150/1320 mm	45.3/52"
Maximum Lifting Height:	1860 mm	73.2"
Lift Time / Lower Time:	40-60 / 25-70 Seconds*	
Power Supply Requirements: (Standard):	Option1: 380VAC, 3Ph.,50 Hz.5 Amps Option2: 220VAC,1Ph.,50/60Hz.20/16Amps	
Hydraulic Oil Specification:	ISO 32 / ISO 46 10WT	
Hydraulic Oil Capacity :	10L	
Max. Operating Pressure :	3000psi (21MPa)	

* Lifting and lowering time may vary depending on the weight of the vehicle. (Typical times given)

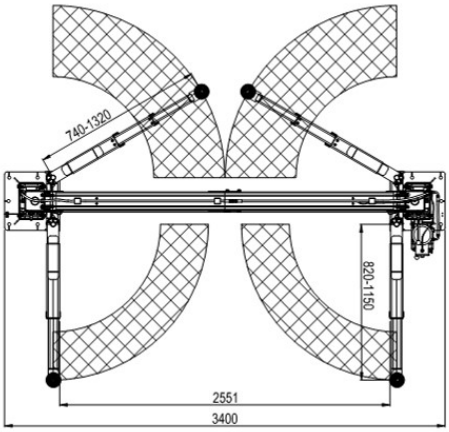


Fig.1 Top view and Arm swing

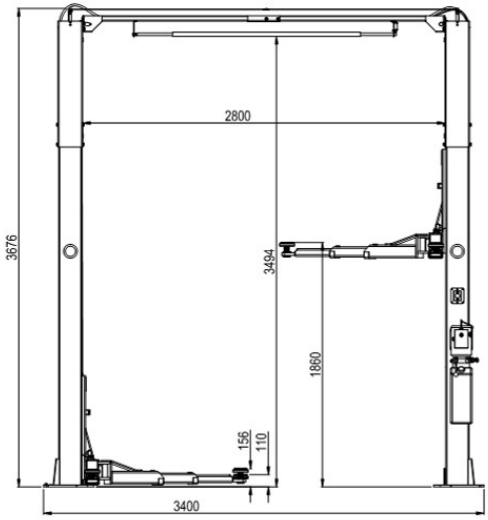


Fig.2 Front View

2.3 ETAILED FUNCTION DESCRIPTION

This product is designed to raise vehicles 4 Tons or less for general service operations.

1. This lift is not a freestanding structure. It relies on the appropriate foundation and fastening system to stabilize the columns. It is the responsibility of the owner/operator to ensure they provide a suitable foundation as stated in the installation guide. If the fastening devices do not have the appropriate embedment or cannot attain the required fastening torque, the lift should not be used until the foundation has been corrected.
2. There are a total of 2 hydraulic cylinders on this lift, one per tower to raise the load carrying devices.
3. Hydraulic fluid will want to take the path of least resistance and therefore tend to lift a lighter side of the vehicle first. This effect is counteracted by equalizing the load carrying devices using wire cables.
4. The wire cables can be adjusted to level the load carrying devices. The wire cables must be inspected and adjusted at regular intervals.
5. Two towers are used to guide the load carrying devices. The load carrying devices are mated to the tower using 8 plastic blocks; these blocks are consumable items and must be inspected and replaced if required.
6. The electrical circuit is designed with 1 shutoff devices
7. A **vehicle upper limit** that will shut off the motor in the event that the vehicle comes in contact with it.
8. CAUTION: Components inside the control box will still be powered until the main power is removed from the panel.

9. The operator is responsible for locating the 4 arms and adjusting the

pads to safely raise and lower the vehicle.

10. Every make and model of vehicle has its own manufacturer's recommended lifting points, consult the vehicle instruction manual, repair guide or manufacturer.
11. Each arm is equipped with a restraint device that maintains the pivotal position of the arm until the lifting pads make contact with the vehicles pickup points. Caution must still be taken when performing service operations that require rocking the vehicle. Axle stands must be used in this case.

3. INSTALLATION REQUIREMENTS AND TOOLS

3.1 FOUNDATION

IMPORTANT: It is the user's responsibility to provide a satisfactory installation area for the lift.

Lifts should only be installed on level concrete floors with a suitable thickness (see Table 3). Concrete must have a minimum strength of 21 MPa (3000 psi) and should be aged 30 days prior to installation. The lift should be located on the floor in such a way that no anchor bolts will be closer than 279mm (11 inch) to the edges of any concrete slab or cracks. Please consult the architect, contractor or engineer if doubt exists as to the strength and feasibility of the floor to enable proper lift installation and operation.

It is the user's responsibility to provide all wiring for electrical hook-up prior to installation and to insure that the electrical installation conforms to local building codes.

Anchor Bolt	Min. thickness of concrete	Diameter of drill bit	Working length of Drill bit
M18X180	250mm	Ø20	≥150mm

Depth of hole	Minimum embedment	Installing torque
150mm	≥130mm	120N.M

Part No	Picture
1-09289A	

Table 1 Requirements of installation

3.2 TOOLS

1. 5m (16ft.) Measuring Tape
2. Chalk Line or Carpenter's Chalk
3. Rotary Hammer Drill
4. Concrete Drill Bit .
5. Hammer
6. Metric Wrenches and Ratchet Set
7. 1m (4ft.) Level
8. Crow Bar
9. 3.6m (12ft.) Step Ladder
10. Side Cutters
11. Screwdrivers (Philips)
12. 100mm x 100mm (4" x 4") Wooden Blocks (for unpacking)
13. Circlip pliers

4. INSTALLATION INSTRUCTIONS

When the lift arrives on site:

- Read the owner's manual and make sure the installation instructions are fully understood.
- Check for any freight damage and report immediately.
- Check the contents of the accessory and hardware boxes to make sure no parts are missing.
- Gather all the tools listed.

4.1 BAY LAYOUT

4.1.1 Prepare the bay by selecting the location of the lift relative to the walls and bay door. Check that vertical clearances are sufficient. Avoid ventilation ducts, electrical items, plumbing and etc.

4.1.2 Clear the installation area of all packaging materials to avoid trip hazards.

4.1.3 Measure the midpoint of the bay door.

4.1.4 Using measuring tape scribe two arcs at equal distances from the midpoint.

4.1.5 The centerline of the lift occurs between the intersection of the arcs and the midpoint of the door. Snap a chalk line (Line 1) through these two points。

4.1.6 Measure the specified distance to snap a second chalk line at 90° to locate the lift towers.

4.1.7 Mark two locations centered on line 2 that will locate the back of the tower to dimension “a”.

Note: Leave any additional room for any desired aisle or work area. Recommended minimum clearance around lift is 1m (3 ft.) and above lift is 100mm (4 inch). Ensure clearance conforms to local building and fire codes.

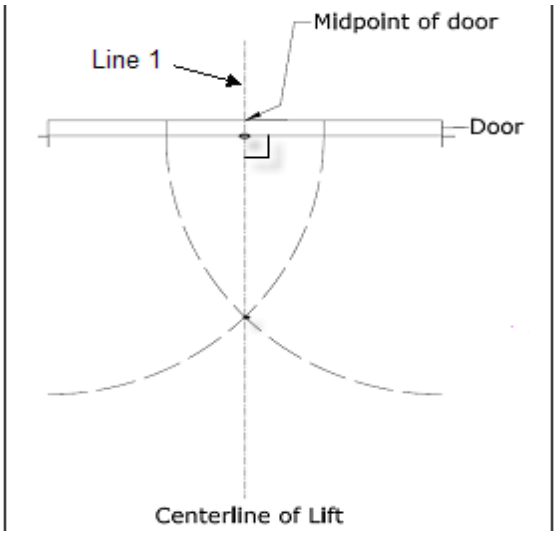


Figure 3 Chalk Line

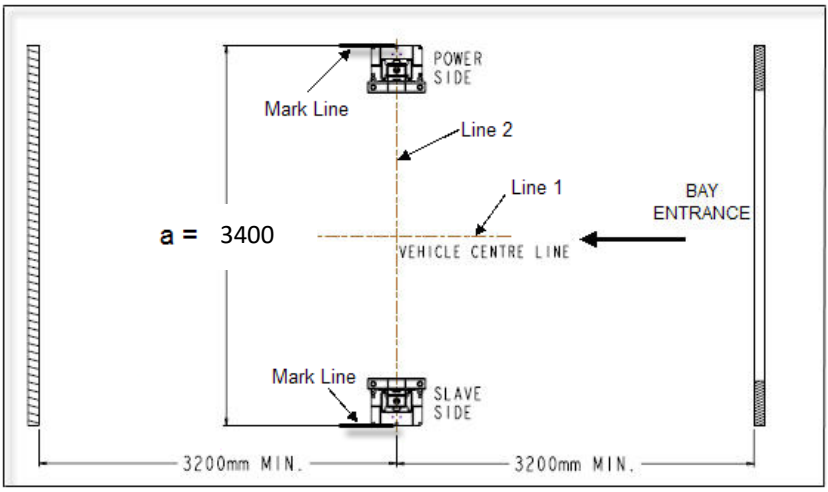


Figure 4 Bay Layout

4.2 POSITION TOWERS

4.2.1 Lay down two towers on the installation site parallel according to bay layout . Usually, it is suggested to install Power side Tower on front-right side from which vehicles are driven to the lift.。

4.2.2 Stand towers in the position shown in bay layout.

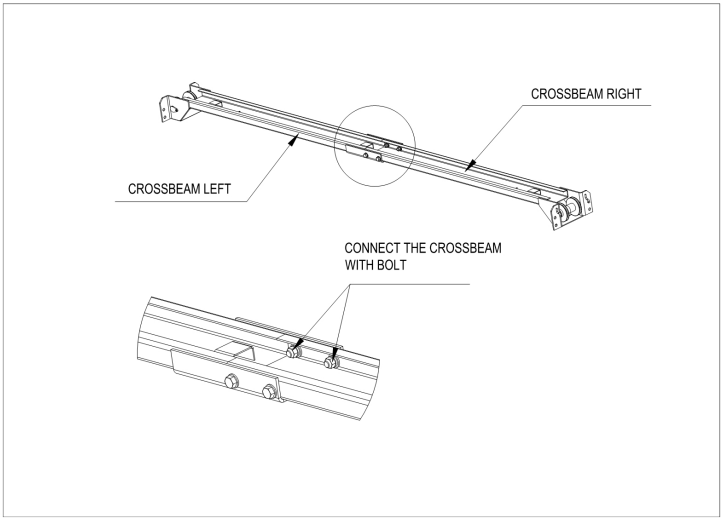
CAUTION: The tower is heavy, additional lifting assistance should be used when raising this component into position. As unsupported towers may tip if

4.3 CROSSBEAM INSTALLATION

4.3.1 Using the bolts supplied to connect the right and left crossbeam, and tighten bolts

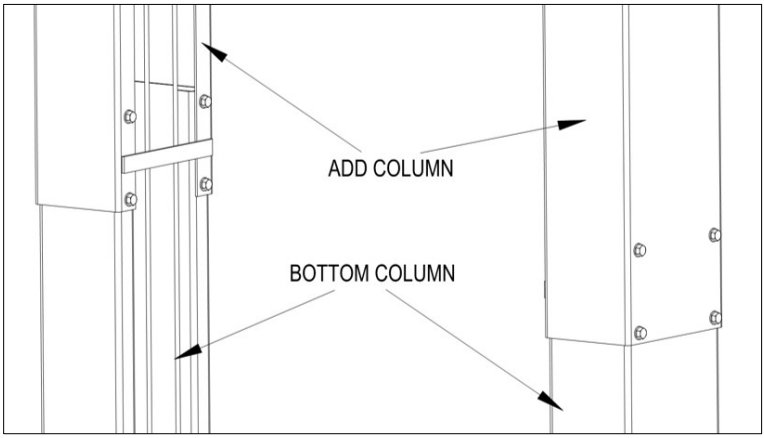
4.3.2 Raise and set ***Crossbeam and Pulley Assembly*** on the top of two towers. Rest the cross beam's hooks on top of the tower to aid in installation ***the hardware.***

4.3.3 Using the bolts supplied connect the crossbeam and towers, and tighten bolts.

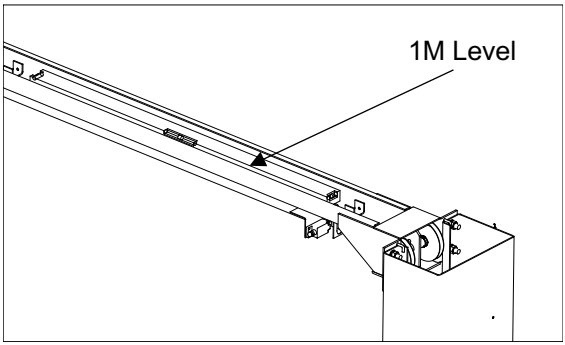


4.4 TOWER POSITIONING AND ANCHORING

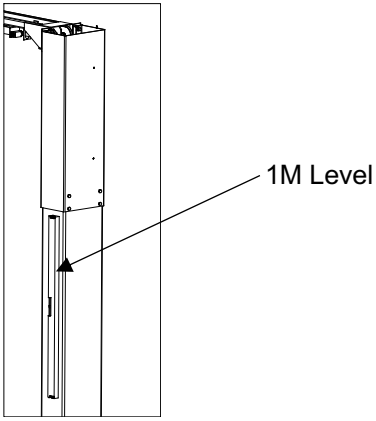
4.4.1 Using the bolts supplied to connect the bottom column and the extension column, and tighten the bolts.



4.4.2 Determine which column is higher using a 1m level placed on top of the crossbeam.

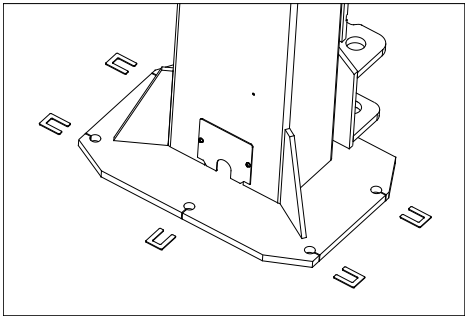


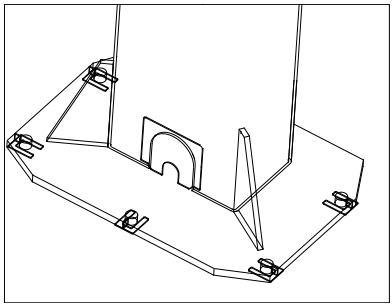
4.4.3 Check if high column is level in the vertical position in both directions (side to side, front to back).



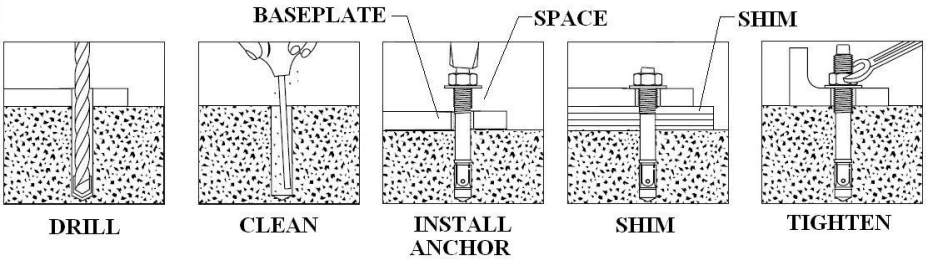
4.4.4 Use shims to level the column in both directions.

Note: Use shims under base plate to level the column. Start with the side. Level, shim and anchor the one column. Re-confirm measurements. Level, shim and anchor the low column**.**





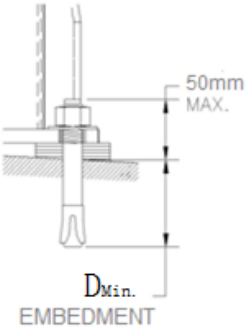
4.4.5 Prior to installing anchors, assemble the nut and washer onto anchors. A minimum of six threads must be visible below the surface of the nut. Refer to the Figure below while reading through the following instructions.



4.4.6 Using a suitable concrete drill bit and rotary hammer drill, drill holes for the anchor bolts on the higher side column. Drill one hole at a time and install the anchors, this will ensure that the column does not move while drilling.

4.4.7 Clean out the drilling dust from the holes and hammer in the anchors until they make contact with the base plate.

Check the embedment depth as shown



4.4.8 **Torque all anchor bolts to meet the requirement**, continually checking that the column is level as you proceed. Check the embedment depth as shown in Figure.

4.4.9 Follow steps 4.4.2-4.4.8 to anchor the other side tower.

NOTE: Perform a monthly inspection and torque all anchor bolts.

4.5 ROUTING OF EQUALIZATION CABLE

4.5.1 Manually lift the carriages to the first safety lock position and rest on lock.

4.5.2 Pull the cable through carriage to the pulley of tower bottom, at the bottom of the column.

4.5.3 Route equalizing cable around pulley from right to left.

4.5.4 Route the cable up the column, around top pulleys of crossbeam then pull cable down through another column and insert another threaded end through the thru hole in the front-left top block of another carriage, put M16 nuts from the Rectangular hole(the hole is 10mm from the bottom of the top block), and then screw them.

4.5.5 Repeat steps for other cable.

4.5.6 After both equalizing cables are routed as per above instruction, install bolts、nuts, tighten them with proper tools.

4.5.7 See Fig. as below:

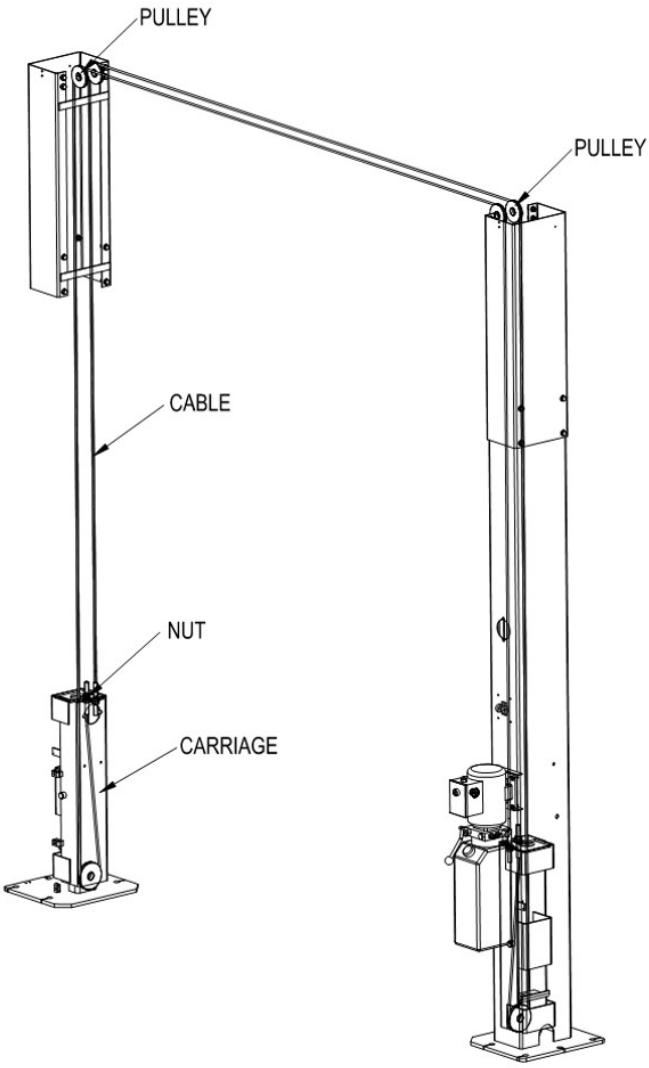


Fig. 5 Equalizing Cable Installation

4.6 ARM INSTALLATION

4.6.1 Install the four arms on the carriages by inserting the ***Arm Shafts.***

4.7 POWER PACK INSTALLATION

4.7.1 Raise and attach the ***Power Pack*** onto the ***Mounting Bracket*** on the power side tower then bolt it by using hardware from the kit.

4.7.2 Refer to electrical wiring drawing.

4.8 HYDRAULIC SYSTEM INSTALLATION

4.8.1 Remove the ***Filler Cap*** from the power pack and fill the reservoir with approximately 10L of ISO32 or ISO46 hydraulic oil (10 wt. hydraulic oil).

4.8.2 Connect the ***Fitting on Pump with O-SEAL*** and "***T" Hydraulic Fitting*** with ***Hydraulic hose.***

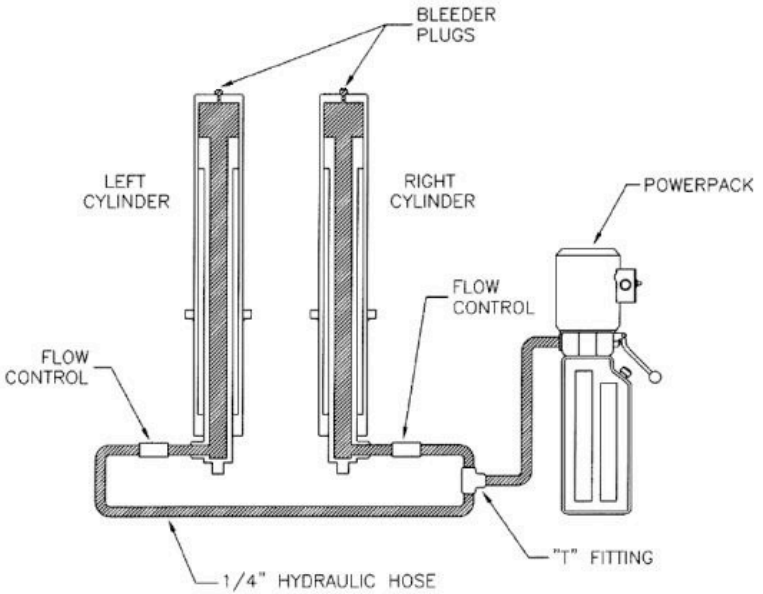


Fig. 6 Hydraulic System

4.9 LIMIT SWITCH INSTALLATION

4.9.1 Insert Limit Switch Cable through the hole underneath crossbeam to the Limit Switch.

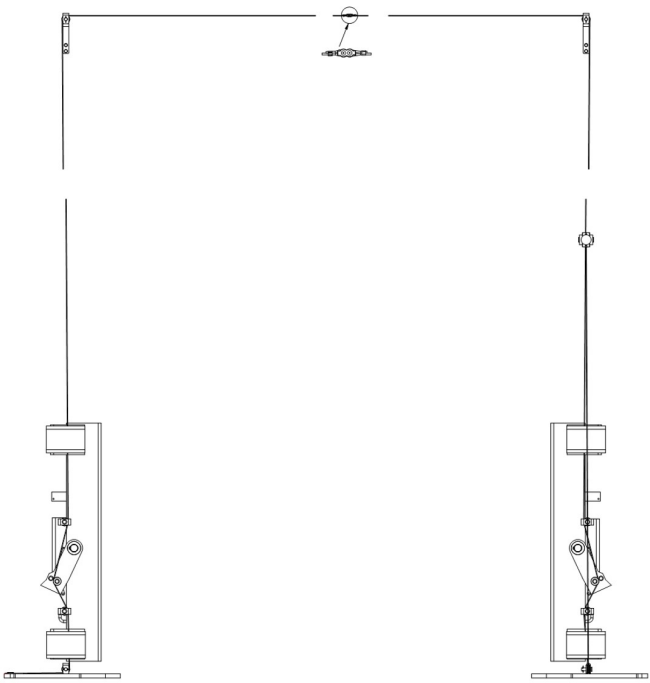
4.9.2 Mount the upper limit switch to limit mounting bracket on the cross beam.

4.9.3 Route the Limit Switch Cable along the hydraulic hose of power side, and clamp them together by using Nylon Ties.

4.9.4 Insert Limit Switch Cable through the hole on the power side tower, then connect it to its connector on Control Box of the power unit.

4.10 SAFETY RELEASE CABLE INSTALLATION

4.10.1 Safety Release Cable Installation:

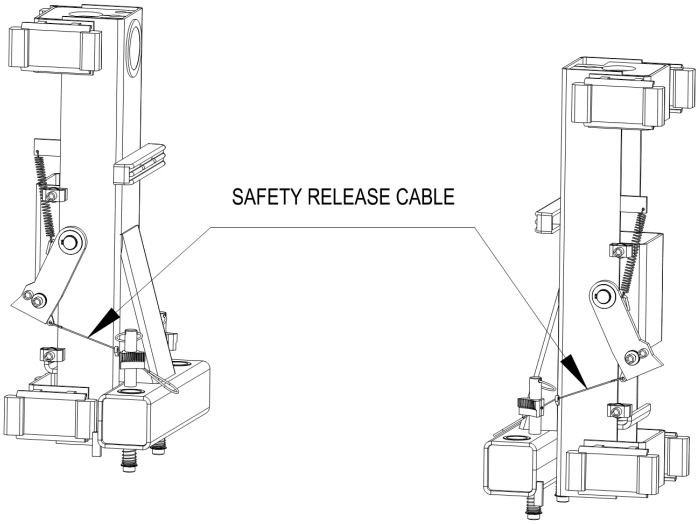


4.10.2 Adjust the cable length so that both safety dogs travel from full engagement position to full release position when the safety release handle is pulled.

4.10.3 The mechanical safety automatically engages. To release the mechanical safety, you must first raise the lift approximately 2” then pull the safety release handle down. This disengages the power side

4.10.4 Tighten both cable clamps firmly when adjustment is completed.

4.10.5 When the safety release cable on the column does not work, the safety release cable on the carriage can be used in an emergency



5. OPERATION TEST

5.1 INITIAL OPERATION CHECKS

5.1.1 Clear all obstructions from the lift area, no load should be placed on the lift at this time.

5.1.2 Raise the lift to the first safety lock position, lower the lift and rest both carriages on the first safety lock.

5.1.3 Use one wrench to hold the cable stud, meanwhile use another wrench to tighten the cable nuts on power side and slave side.

5.1.4 Press UP button to raise lift continuing, listen the safety lock on both sides have a nice solid click sound at same time, make sure that two carriages can work synchronously.

5.1.5 While the motor is running, use a long bar to lift the actuator bar, the motor should go OFF.

5.1.6 Check two carriages can work synchronously.

5.2 OPERATION TEST WITH VEHICLE

5.2.1 Clear all obstructions from the lift bay, ensure that the lifting arms are fully lowered and are placed in their stored drive through position.

5.2.2 Drive the vehicle into the lift bay and center it between the two towers.

5.2.3 Refer to the vehicle manufacturers recommended lifting points and position the front and rear arms accordingly.

5.2.4 Press the up button and raise the arms until the arm restraints gears are engaged.

5.2.5 Press the up button and raise the vehicle until the wheels are off the floor, rock the vehicle from the front bumper to check that the vehicle is stable.

5.2.6 Press the up button and raise the vehicle past the desired working height.

5.2.7 Raise lift to and lower onto 3-4 lock positions during full rise to ensure all locks are working correctly.

5.2.8 Raise the lift to its highest safety lock, release the up button, pressing down the release handle.

5.2.9 Press the up button to raise the vehicle to clear the mechanical safety locks.

5.2.10 Lower the lift by pressing down the hydraulic release handle on pump while fully pulling down the safety lock handle.

5.2.11 If any problems occur during the final checkout or operation of the lift please contact customer service.

6. LIFT MAINTENANCE GUIDELINES

6.1 PERIODIC MAINTENANCE

DAILY:

1. Check all hydraulic lines and fittings for pinch points, damage, cracks or leaks
2. Check all electrical wiring for pinch points, cracks or damage
3. Check all moving parts for uneven or excessive wear
4. All safety devices must be monitored and inspected for any damage or wear
5. Repair or replace all damaged, defective, worn or broken components immediately.
6. Check the telescopic arms for movement. Clean any grease or oil from the lifting adapters.
7. Raise and lower the lift at the beginning of each shift, without a vehicle on, to verify the lift is leveled and operating properly.
8. Check all arm pads for broken or damaged components, worn rubber pads must be replaced immediately.

EVERY TWO MONTHS:

1. Clean and re-grease slide block channels inside of both columns.
2. Grease arm pins.
3. Lubricate safety dogs and check safety release cable adjustment.
4. Check arm restraints and lubricate.
5. Check anchor bolts and re-torque if necessary.

EVERY SIX MONTHS:

1. Check equalizing and safety cable adjustment.
2. Inspect equalizing cables for wear, breaks or defects, clean and lubricate wire cables with wire cable lubrication only.

EVERY YEAR:：

1. Change sliding blocks and grease.
2. Change arm pad rubber part.

EVERY TWO YEARS:

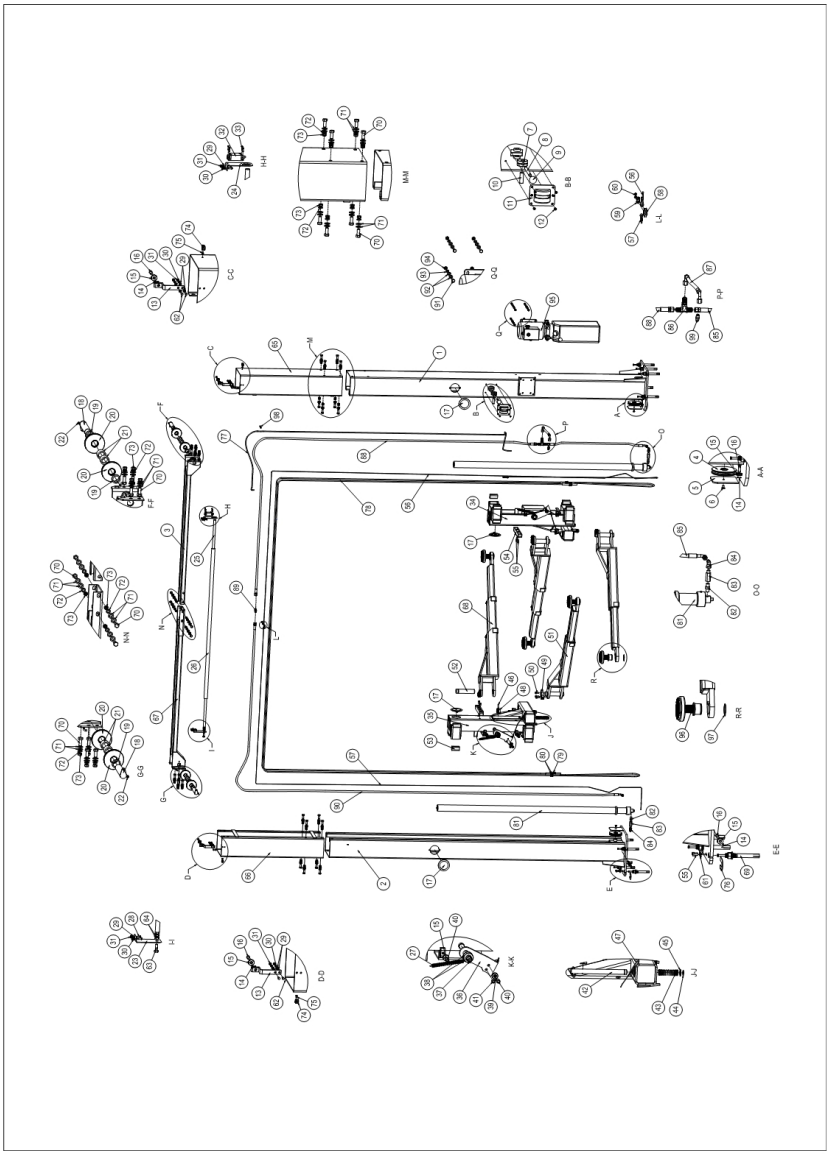
1. Change hydraulic fluid. Replacement can be made earlier depending on usage and/or amount of reside in the fluid.
2. Replacement can be made earlier depending on usage and/or amount of reside in the fluid.

7. TROUBLE SHOOTING

TROUBLE	CAUSE	REMEDY
Motor does not run	1. Button does not work 2. Wiring connections are not in good condition 3. Motor burned out 4. Height Limit Switch is damaged 5. AC contactor burned out 6. Fuses burned out	1. Replace button 2. Repair all wiring connections 3. Repair or replace motor 4. Replace the Limit Switch 5. Replace AC Contactor 6. Replace fuse
Motor runs but the lift does not raise	1. Motor runs in reverse rotation 2. Gear Pump out of operation 3. Release Valve in damage 4. Relief Valve or Check Valve in damage 5. Low oil level	1. Reverse two power wire 2. Repair or replace 3. Repair or replace 4. Repair or replace 5. Fill oil tank
Lift does not stay up	1. Release Valve not functioning 2. Relief Valve or Check Valve leakage 3. Cylinder or Fittings leaks	1. Repair or replace 2. Repair or replace 3. Repair or replace
Lift raises	1. Oil line is obstructed	1. Clean the oil line

slowly	2. Motor running on low voltage 3. Oil mixed with air 4. Gear Pump leaks 5. Overload lifting 6. Hydraulic leaks	2. Check Electrical System 3. Fill oil tank and check hydraulic hoses for oil leaks 4. Replace Pump 5. Check load 6. Tighten fittings or replace worn out parts
Lift cannot lower	1. Safety device are activated 2. Release Valve is damage 3. Safety cable broken 4. Oil system is jammed	1. Release the safety lock before lowering lift 2. Repair or replace 3. Replace safety cable 4. Clean the oil system

8. PARTS LIST



Item	PN	Des cription	Qt y.
1	EAA101-31A	BOTTOM COLUMN WELDMENT-PS	1
2	EAA101-32A	BOTTOM COLUMN WELDMENT-SS）	1
3	EAA103-31A	CROSSBEAM WELDMENT RIGHT	1
4	EAA101-21A	PULLEY ASSEMBLY	2
5	EAS101-24A	STOP PLATE	2
6	EAM121-04A	PAN HEAD SCREW Φ6×8	2
7	EAM109-42A	SAFETY DOG RING	1
8	EAM109-46A	SAFETY BAR	1
9	EAM109-47A	HANDLE BALL	1
10	EAM109-41A	SAFETY SHAFT	1
11	EAC121-03A	SAFETY COVER WELDMENT	1
12	EAM121-25A	HEX BOLT M6×10	4
13	EAA109-65A	RELEASE BRACKET WELDMENT	2
14	9-0189P4	COTTER PIN,GB/T91 DIA.3M	4
15	EAM109-68A	RELEASE PULLEY	8
16	EAM109-69A	RELEASE PULLEY PIN	4
17	EAM101-41A	COVER PLATE	4
18	EAA103-13A	TOP PULLEY PIN WELDMENT	2
19	EAM103-14A	TOP PULLEY SIDE SPACER	4
20	EAA103-18A	PULLEY ASSEMBLY	4
21	EAM103-15A	TOP PULLEY MIDDLE SPACER	4
22	EAM121-15A	PAN HEAD SCREW M6×10	2
23	EAS103-11A	ACTUATOR ROD MOUNTING BRACKET	1
24	EAS103-12A	LIMT SWITCH MOUNTING BRACKET	1
25	EAA103-16A	ACTUATOR ROD	1
26	EAM103-17A	FOAM GUARD BUSH	1
27	EAX102-39A	SPRING	2
28	EAM121-29A	PAN HEAD SCREW M6×16	4
29	9-0130P4	FLAT WASHER D6	12
30	9-0131P4	SPRING WASHER D6	8
31	9-N1006V	NUT M6 GB/T 889.1-2000	8
32	EAE121-16A	LIMIT SWITCH	1
33	EAM121-30A	PAN HEAD SCREW M4×16	4
34	EAA102-01A	CARRIAGE WELDMENT RIGHT	1
35	EAA102-51A	CARRIAGE WELDMENT LEFT	1
36	EAA102-29A	SAFETY LOCK WELDMENT	2
37	EAM102-36A	D25 RETAINING RING	2
38	EAM102-35A	FLAT WASHER D25	4
39	EAM121-54A	RUN PULLEY	2
40	EAM121-06A	HEX BOLT M10×25	6
41	EAM121-05A	HEX BOLT M10×10	2
42	EAA121-55A	RESTRAIN SHAFT ASSEMBLY	4
43	EAX109-14A	RESTRAIN SPRING	4
44	EAM121-12A	D22 RETAINING RING	4
45	EAM121-11A	FLAT WASHER D23	4
46	EAM121-10A	SPRING ROUND PIN D5×35	4
47	EAA121-07A	SAFETY RELEASE CABLE-1	2
48	EAM109-02A	GEAR BLOCK	4
49	EAM109-01A	HALF ROND TOOTHED RING	4
50	EAM121-24A	HEX BOLT M10×20	12
51	EAA108-01A	ARM FINAL ASSEMBLY	2
52	EAA108-26A	ARM SHAFT ASSEMBLY	4
53	EAM102-32A	SLIDE BEARING BLOCK	16
54	EAC121-01A	DOOR PROTECTION	2
55	EAM121-02A	HEX BOLT M8×30	6
56	EAA121-08A	SAFETY RELEASE CABLE-2	1
57	EAA121-09A	SAFETY RELEASE CABLE-3	1
58	EAM121-13A	UP RING COVER	1
59	EAM121-14A	DOWN RING COVER	1
60	EAM121-21A	HEX NUT M4 GB/T 41-2000	2
61	EAM121-51A	PRESS PLATE	1
62	9-0129	HEX BOLT M6×20	4
63	EAM121-18A	HEX BOLT M10×30	1
64	EAM121-28A	HEX NUT M10 GB/T 41-2000	2
65	EAA101-33A	ADD COLUMN WELDMENT	1
66	EAA101-34A	ADD COLUMN WELDMENT	1
67	EAA103-32A	CROSSBEAM WELDMENT LEFT	1
68	EAA122-01A	ARM FINAL ASSEMBLY	2
69	1-09289A	ANCHOR BOLT	10
70	9-0159	HEX BOLT M12×40	20
71	9-0161	FLAT WASHER D12	40
72	9-0162	SPRING WASHER D12	20
73	9-0160	HEX NUT M12	20
74	1-03382A	CLAMP METAL	2
75	1-00188A	SELF TAPPING SCREW ST4.8×8F	10
76	EAM121-44A	U-WASHER	10
77	EAW121-19A	LIMT SWITCH WIRE	1
78	EAA110-01A	EQUALIZING CABLE ASSEMBLY	2
79	9-0168	FLAT WASHER D16	4
80	9-0169	HEX NUT M16	8
81	EL2P-07-01	HYDRAULIC CYLINDER	2
82	EAH011-08A	MALE NIPPLE	2
83	9-0107	FLOW RESTRICTOR	2
84	EAH0053T04A	90° ANGLE FITTING	2
85	EAA111-01A	HOSE ASSEMBLY	1
86	EAH0053V14A	BRANCH TEE FITTING	1
87	EAA111-02A	HOSE ASSEMBLY	1
88	EAA111-03A	HOSE ASSEMBLY	1
89	EAH0053T10A	STRAIGHT FITTING HYDRAULIC	1
90	EAA111-04A	HOSE ASSEMBLY	1
91	9-0101	HEX BOLT M8×25	4
92	9-0104	FLAT WASHER D8	8
93	9-0105	SPRING WASHER D8	4
94	9-0140P4	HEX NUT M8 GB/T 41-2000	4
95	YBZ6F27D4H1	3PH 380V 50HZ POWER PACK	1
	YBZ6-F21D3H1	1PH 200-240V 50/60HZ POWER PACK	1
96	EAA104-21A	ARM PAD ASSEMBLY	4
97	1-00687A	D50 RETAINING RING GB/T894.1-1986	4
98	1-01589A	ROLLING BELT	1
99	EAH0053T05A	STRAIGHT FITTING HYDRAULIC	1

9. HYDRAULIC SYSTEM

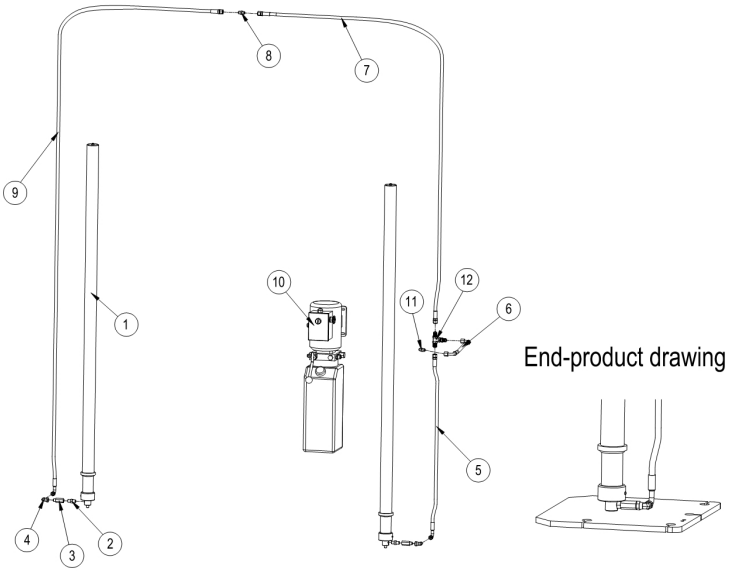


Fig. 7 Hydraulic System

Item	PN	Description	Qty
1	EL2P-07-01	Hydraulic Cylinder	2
2	EAH011-08A	Male Nipple	2
3	9-0107	Flow Restrictor	2
4	EAH0053T04A	90°Angle Fitting	2
5	EAA111-01A	Hose Assembly	1
6	EAA111-02A	Hose Assembly	1
7	EAA111-03A	Hose Assembly	1
8	EAH0053T10A	Straight Fitting Hydraulic	1
9	EAA111-04A	Hose Assembly	1
10	YBZ6F27D4H1	3PH 380V 50HZ Power Pack	1
	YBZ6-F21D3H1	1PH 200-240V 50/60HZ Power Pack	1
11	EAH0053T05A	Straight Fitting Hydraulic	1
12	EAH0053V14A	Branch Tee Fitting	1

10. ELECTRICAL WIRING DRAWING

See Figure **8** Wiring Drawing for ***380VAC, 3 PH, 50Hz***

Figure **9** Wiring Drawing for ***220VAC, 1 PH, 50Hz / 60Hz***

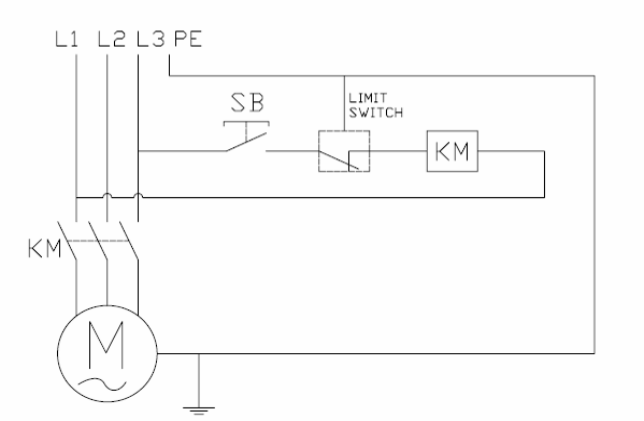


Fig. 8 Wiring Drawing for 380VAC 3PH 50Hz

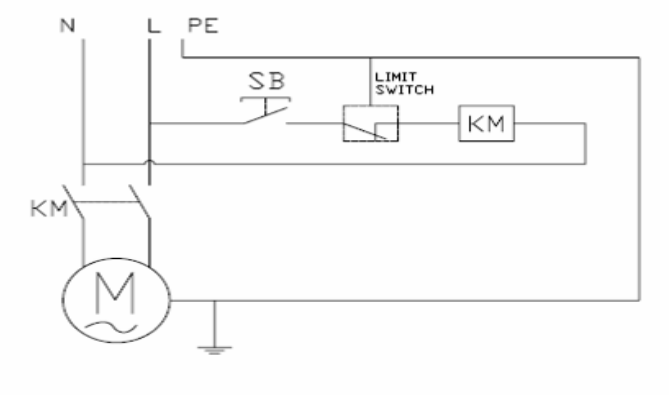


Fig. 9 Wiring Drawing for 220VAC 1PH 50Hz/60Hz

Manufacturing Facility

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