Instructions for use of the KLT type ELECTRIC PALLET TRUCK

（KLT20 KLT20C KLT20D KLT20DC KLT25 KLT25C KLT25DKLT30 KLT30C KLT30D KLT30B KLT40 KLT50 KLT60 KLT70 KLT100）

Jiangsu King-lift Equipment Co., LTD

First edition in 2023

You must understand this manual and various warning labels on the car before use. Pictures are for reference only, and the product is subject to the physical object.

preface

Welcome to use our company's electric truck, the car is made of special profiles, compact design, durable, easy to operate. For your safety and correct operation, please understand the instructions and various warning labels on the car before use.

pay attention to:

All the parameters here are subject to the date of publication of this manual. We reserve the right to change our products without notice. If you want to know the latest product parameters, please contact us.

explain

The forklift manufactured by our company is only used in the field (factory) in the factory area, tourist attractions, amusement places and other specific areas stipulated in the Special Equipment Safety Supervision Regulations.

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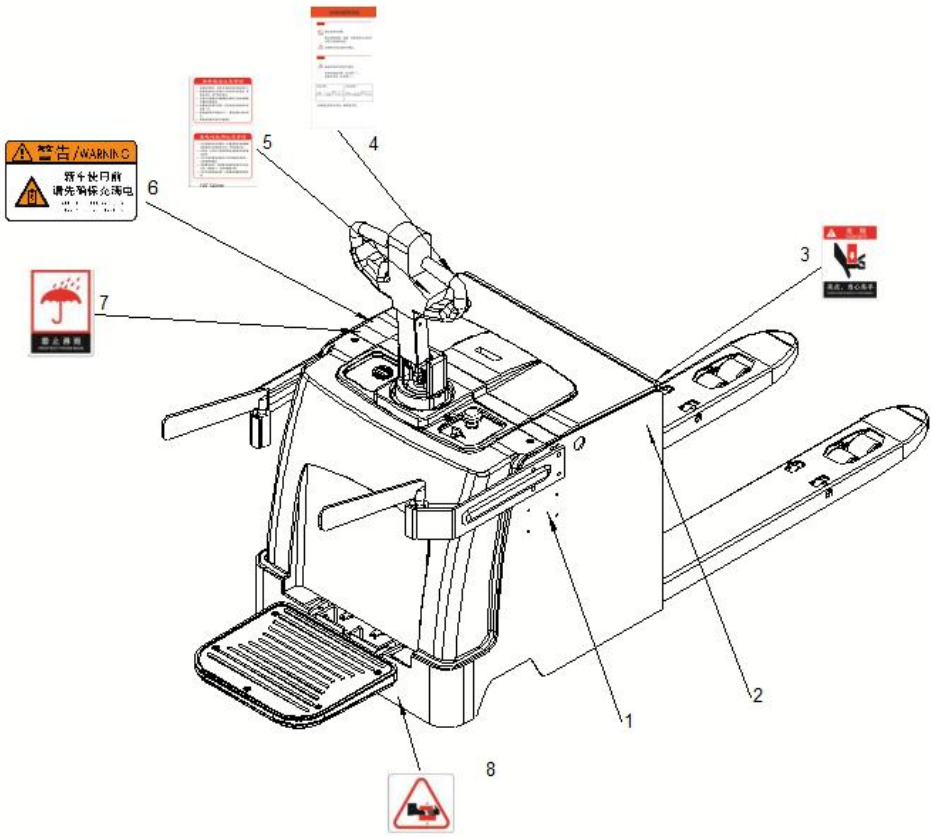
1. Range of application

Pallet handling trucks are warehouse forklifts specifically designed for flat land transport.

二、Vehicle brief

1. Location and description of safety devices and safety signs

(A) Location and description of the safety signs



1	Nameplate	5	Battery maintenance mark	8	Beware of the pinched foot
2	Frame Number	6	New car charging sign before use	9	Charging machine identification
3	Beware of the pinched hands	7	No rain sign		

(b) safety device

This stacking car has a key switch to stop all functions while failing the electromagnetic brake. After checking the function of the controller, pull up the switch to operate the stacking car. Before the operation, manually enter the password to start the vehicle.

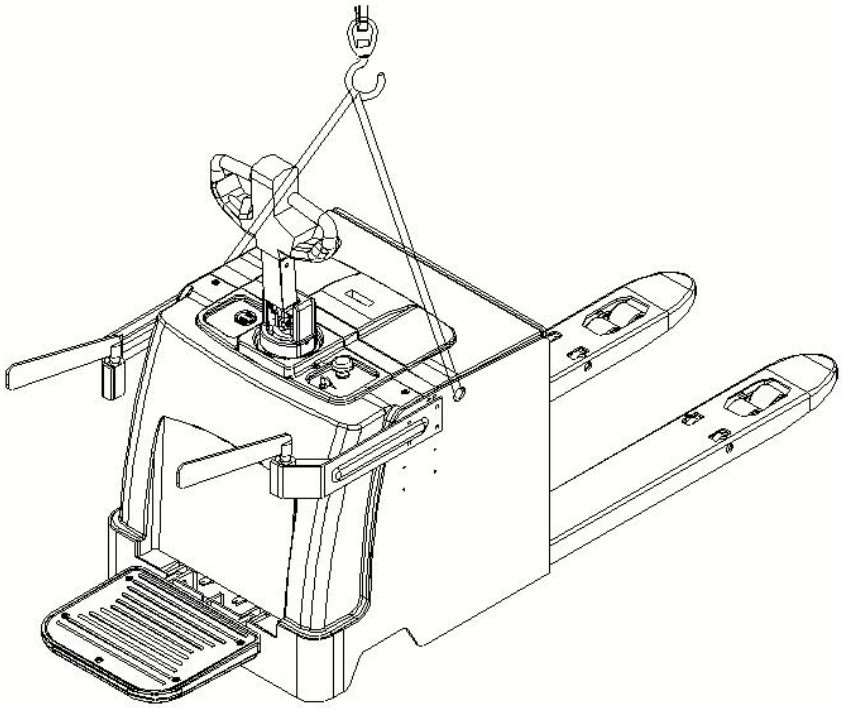
If you do not operate this truck, press the emergency stop switch to prevent unauthorized use.

This truck is equipped with a belly switch. When the vehicle is driving to the operator, as long as the belly switch is touched within the operating range of the handle, it can make the vehicle drive in the direction of departing from the operator.

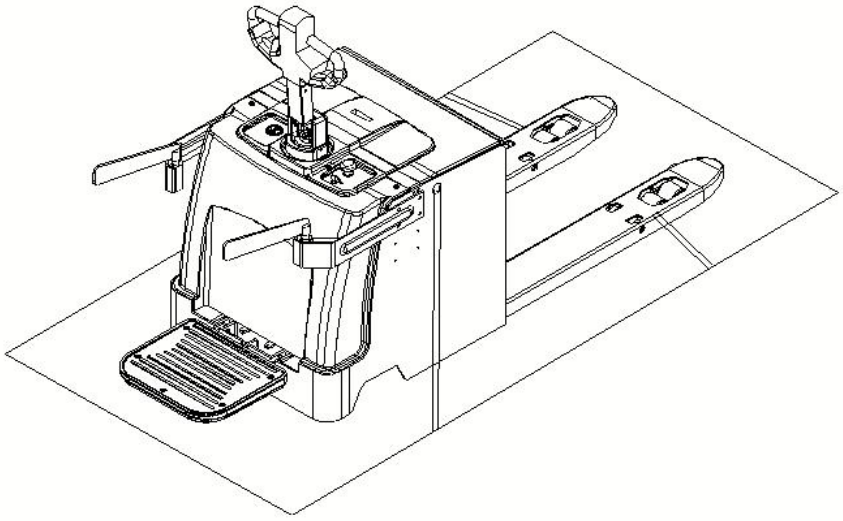
4. Storage and transportation

(a) transport

Remove the goods during transportation, drop the fork to the lowest level and press the emergency stop switch and close the key switch. See the figure and secure the vehicle with professional lifting equipment;



In the process of transportation, the stacking car should be firmly fixed on the transport vehicle;



(b) leave with

Remove the goods during storage and reduce the vehicle to the lowest position. Press the emergency

stop switch and turn off the key switch.

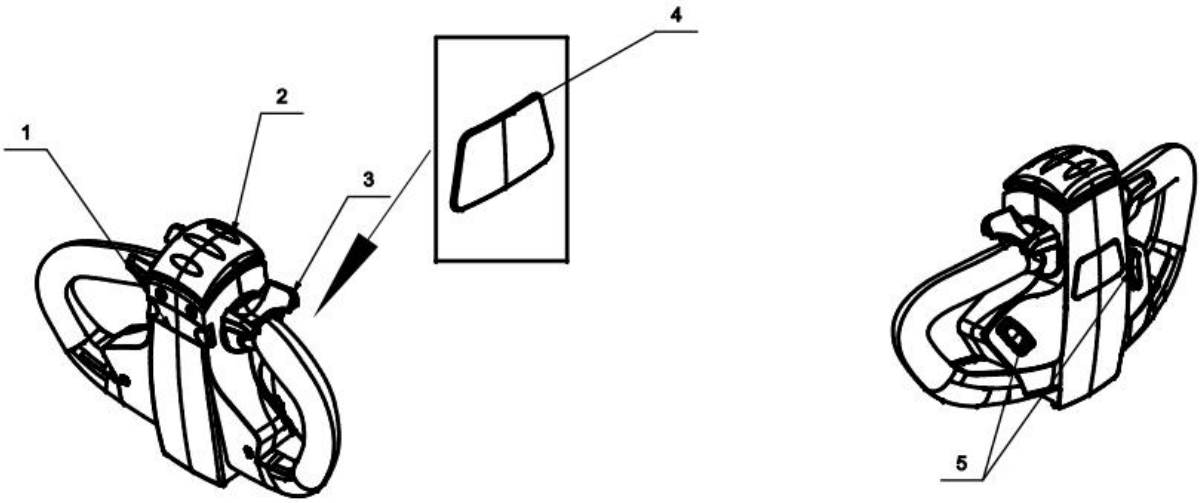
Note: For the first time after long-term storage, the vehicle performance must be checked and tested before use.

5. Nameplate

The configuration of each car may not be the same. Please be sure to check the nameplate to confirm its attributes before using it.

6. operation declaration

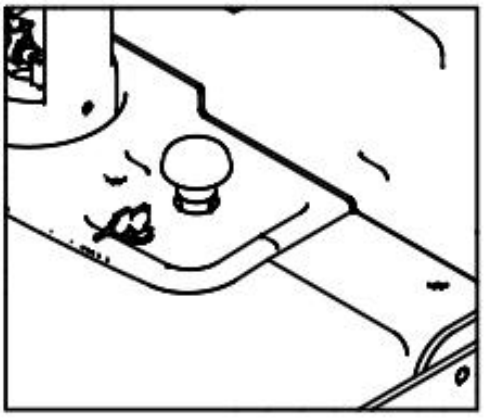
pilot lever

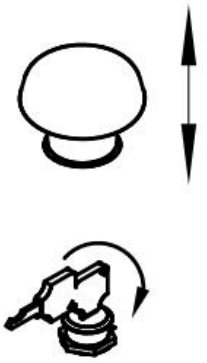


1	Turtles speed switch	4	horn switch
2	Emergency stop reverse switch	5	Lifting switch
3	Handle accelerator		

ID card operation

If the car is equipped with an ID card, close the ID card to the password lock button panel. If the ID card is a valid ID card, the password lock will sound a brief beep, and then the green indicator light is always on, indicating that the password lock is working normally.





Power is turned on or off

Rotate the key switch to the right and start the forklift to the left.

Note: The emergency stop switch must be removed to start the forklift

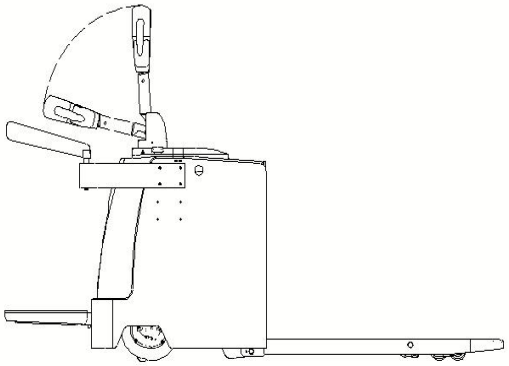
This forklift is equipped with two electric lock keys, one for driving and the other for backup. The spare

electric lock key is recommended to be stored separately to opening the forklift when the main key is lost or cannot be found.

Emergency stop

When the emergency stop button is pressed, the forklift is power off; remove the emergency stop button and power the forklift.

Steering



Turn the control handle to turn the forklift while driving.

Walking and braking

(A) The speed governor is used to control the walking speed, and the stepless speed adjustment makes the operation safer and more accurate.

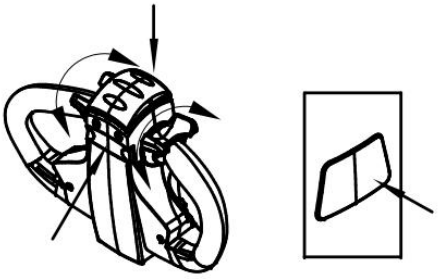
(B) Turn on the emergency stop switch, choose the driving direction correctly, and slowly accelerate to the ideal speed.

(C) Release the rotary switch, lift or drop the operating handle to the lowest or highest position, and the vehicle is braked.

Horn switch

Press the button to horn the horn.

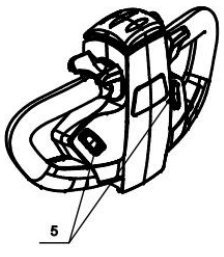
Emergency reverse with the turtle speed button



When the vehicle is moving towards the operator, simply pressing the belly switch within the operating range of the handle can drive the vehicle in the direction of the operator.

When the vehicle is running normally, press the turtle speed button while moving the handle accelerator, and the vehicle enters the turtle speed mode and drives slowly.

Lifting up and lowering down



1、 Press the lift and drop button to control the fork rise and fall.

2、 Such handling vehicles are used only for smooth, smooth ground.

3, because from the safety point of view, the truck should carry goods, as short as possible.

4, no overload and heavy overload.

Battery charging

1. Charger parameters: see the charger specification for details

2. Place the key switch in the shutdown position, press the red emergency stop button, plug the plug on the charger with the battery power plug, and start charging.

When the charging is over, disconnect the power terminal connector first. The above order can not be violated.

3. The adjustment of the charger current is determined according to the battery capacity.

4. It is necessary to avoid sparks, open flame, thermal radiation and ventilation when charging.

3. safe code

Summary

1. Before using the truck every day, all safety switches and equipment should be checked in advance to ensure that these safety facilities are in good condition.

2. Check that all warning and design parameter signs on the board are not damaged.

3, the truck damage or fault affect the safe use, no use.

4, the handling truck in the maintenance or adjustment, should be responsible for by the professional personnel.

Forklift operation

In a certain range of use height, the truck can be free to lift. Special manufacturing must be made for carriers used in the freezer. During the design and manufacture of the carrier, there are certain restrictions on the use occasions:

1, the air contains flammable and explosive dust or gas occasions.

2, as a tractor for other cars.

3. To transport or lift people.

Responsibilities of the operator

1, after training and approval to operate the handling truck.

2. Abide by this manual and relevant local safety regulations, rules, and traffic rules.

3, the hands and feet with oil, it is strictly prohibited to operate the handling truck.

Operational site

1, porters can only run on smooth hard pavement, such as concrete or asphalt pavement. Do not work in the oil pollution areas to avoid slipping.

2. Ensure that the ground can bear the total weight of the stacking truck, that is, the weight of the truck, the load weight and the weight of the operator.

3. Operation guidance during driving:

(A) No sudden brake or turn is allowed at high speed.

(B) Keep the bottom position.

(C) Slow down on the slope, and prohibit the lift or lift of the fork on the slope during driving.

(D) If the road slips, slow down to prevent the truck from idling or overturning.

4. If the view is blocked, please ask others to guide around to ensure safety.

5. Keep a safe distance from the vehicles, personnel and objects in front of you

6, the horn should sound when speeding.

7, the truck is strictly prohibited to transport personnel.

8. Before the truck enters the elevator, ensure that the elevator can bear all the weights.

9. Loading and unloading of goods:

(A) Only when loading and unloading the goods can the handle be operated and keep a distance from the surrounding personnel. It is strictly prohibited to lift the handle fork while walking.

(B) The loaded and unloaded goods shall be kept equal at the left and right positions on the fork, unstable or unsafe and not allowed for transportation.

(C) When the goods are lifted, it is forbidden to touch the fork to prevent clip injury.

(D) can load and unload the cargo only within the maximum lifting weight and load center allowed by the carrier, and adjust the cargo to the symmetrical position of the fork according to the external size of the cargo.

(E) Special care should be taken when loading and unloading heavy cargo.

10. Parking precautions:

(A) After the moving truck stops stable, the cargo fork should be placed at the lowest point.

(B) Movers are not parked on the slope.

(c) The moving truck is parked at the designated place.

(d) Vehicles shall not be parked at the emergency exit.

(E) Vehicles are prohibited from parking in places that hinder work.

(f) The power must be turned off after parking the carrier.

4. Battery

Replace the battery

Only replace with the original battery model, the weight of the battery.(The weight of the battery affects the stability and braking function of the carrier.）

pay attention to!

Do not change the weight and size of the battery arbitrarily, otherwise it will affect the center of gravity of the car body. The heavy or light weight of the battery will affect the stability and braking capacity of the carrier, and its weight must be consistent with the value on the carrier sign.

1. Remove the battery:

(A) Pull out of the power supply connector.

(B) Open the battery box lid.

(c) Disconnect the battery from the car body cable.

(D) hook the appropriate battery box and remove the battery pack from the carrier.

2. The sequence of the battery replacement:

(A) Use the lifting device to lift the battery battery pack and put it into the battery box of the truck.

(B) The battery connector is connected to the car body cable connector

(C) Close the battery box lid.

charge

No smoking or using an open flame when charging. Charge the battery and use an automatic charger.

pay attention to!

The battery electrolyte contains dilute sulfuric acid, which is corrosive. If you splash on the skin, rinse with water and soap as soon as possible. Contact your eyes. When checking the battery, wear protective glasses and gloves.

3. Charging preparation

After using the carrier, the battery shall be charged within 24 hours

(A) After parking, put the key switch in the closing position and pull out the key.

(B) Ensure ventilation above the battery and open the battery vent cover.

(c) Pull out the power socket and plug on the charger with the battery power plug.

(D) Turn on the AC and charge the charger.

pay attention to!

During charging, especially in the closed area. In the process of charging, there is hydrogen and oxygen in the battery, when the open fire, electric spark, etc. will cause explosion!

Therefore, before pulling out the power socket, you should cut off the charging power supply.

4. Charging period

The following methods can be used to determine the adequacy of power during charging:

(A) The specific gravity of the electrolyte of the battery remains stable for more than 2~3 hours continuously.

(B) The electrolyte surface in the battery produces strong bubbles, and the electrolyte turns from milky white to bright.

The above situation indicates that the battery power is sufficient.

5. After sufficient

(A) Turn off the AC power supply and the battery charger.

(B) Unplug the charger plug.

(c) Insert the battery power socket into the carrier end plug and place the key switch in the shutdown position.

(D) Close the air permeability cap on the battery.

The control table of the temperature and electrolyte when the battery is sufficient is as follows:

temperature° C	Specific gravity, g / cm3
-15	1.31
0	1.30
+15	1.29
+30	1.28
+45	1.27

If it does not meet the specific gravity in the table, add acid or distilled water for adjustment.

Battery maintenance

1, in order to ensure the life of the battery, the battery should be fully charged before put into use, the battery can not be used.

2, the battery should try to avoid overcharge or overdischarge. Overcharge or overdischarge will seriously affect the performance and life of the battery.

3. The battery liquid hole plug and breathable cover should be kept clean, removed or opened when charging, and should be installed or closed after charging. The battery surface, connecting connections

and screws shall be kept clean and dry. If there is sulfuric acid, with cotton yarn dipped in the lye to wipe away, pay attention not to let the lye into the battery.

4. After charging, the liquid level of the battery should be checked and distilled water should be added to maintain the height of the liquid level. Under normal circumstances, dilute sulfuric acid.

5, the battery after use, should be charged in time, the placement time is generally not more than 24 hours.

6. Good ventilation should be maintained when charging, and fireworks are strictly prohibited.

7. In the following cases, the battery needs to be balanced charging.

(A) The battery in normal use (make a balanced charge every 3 months).

(B) shelve the unused battery for a long time.

(C) There is a "backward battery" in the battery group (the backward battery refers to the battery whose voltage value is lower than that of other batteries in the process of charging and discharging, or which has been repaired due to failure). At this time, the balanced charging is only for the backward battery separately.

8. Balanced charging method.

(A) Normal charging is performed first.

(B) Stop charging for 1 hour when the power state is sufficient, and then charge with 0.25c for 1 hour. Repeat several times until the charger closes, there are bubbles in the battery.

9. When the battery is not used, the storage period shall be replenished once according to the ordinary charging method.

10, the battery should avoid direct sunlight, and the distance from the heat source shall not be less than 2M.

11, avoid contact with any liquid and harmful substances, any metal impurities shall not fall into the battery.

5. Debugging

order numbe r	hitch	cause	processing method
1	The fork can't rise The highest height	-The hydraulic oil is not enough	-Filling hydraulic oil
2	The fork cannot rise	-No hydraulic oil -Hydraulic oil is not pure	-Filling hydraulic oil -Replace hydraulic oil
3	Pump station motor Can't run	-The emergency switch is not turned on -Battery voltage is too low -Power cord connector is loose -Damaged motor contactor	-Lift up the emergency switch — charge — screw home — change for new
4	The fork cannot drop	-Deformation of the piston rod or cylinder block caused by the cargo bias to one side or overload. - -The fork stops at a high position for a long time, causing the piston rod to expose and rust for a long time, blocking the movement of the piston. -The release valve of the hydraulic pump station	-Replace the piston rod or cylinder block -Please drop the fork to the lowest position when not in use, and pay attention to lubricate the piston rod. — Replace the release valve of the pump station

		cannot be opened due to wear or damage.	
5	oil leak	-Seals are aged or damaged -Component rupture	— change for new — change for new
6	The fork from the drop	-The hydraulic oil impurity causes the release valve not to be closed -Seals are aged or damaged -The release valve is damaged	-Replace hydraulic oil — change for new — change for new
7	storage battery Can't charge	-Battery damage - -The charging plug is loose	— change for new -Plug in

Note: Self-maintenance is strictly prohibited without authorization or training.

Vl. Maintenance

After 500 hours of operation, the truck should carry out a routine maintenance. The efficiency, life and safety of the truck depends on the daily maintenance.

Repair of the moving truck and replacement of parts shall be provided by the company to ensure quality. It is recommended to contact the product agent or the after-sales service department of the company. To make your moving truck can be safer and more economical operation.

Safety rules for the maintenance work

Only through systematic learning can the maintenance work be carried out.

1. Keep the maintenance site clean and hygienic.

2. During maintenance, do not carry loose items and valuables.

pay attention to!

When repairing the truck electrical system, to prevent short circuit or combustion, remove the watch, earrings or metal trim.

3. Before repairing the carrier, it should first unplug the power socket and disconnect the power supply.

4. Before opening the back cover, put the key switch in the closing position and press the emergency stop switch.

5. Before checking the hydraulic system, the cargo fork should be lowered to release the system pressure.

6. When checking the oil leakage condition of the car body, do not contact it directly with your hands to avoid scalding.

7. The oil temperature in the transmission device or hydraulic system may be high, so the gear oil or hydraulic oil should be replaced after the carrier is cooled to prevent the high oil temperature from causing combustion.

8. The hydraulic system should be filled with a new hydraulic oil. It is recommended to use the no. 46 hydraulic oil.

pay attention to!

Hydraulic oil is not clean will affect the precision hydraulic components, so that the entire hydraulic system capacity is reduced. The use of different grades of hydraulic oil damages the hydraulic components and also affects the system capability. Therefore, when adding or replacing hydraulic fluid, pay attention to use the uniform number.

9. Please abide by the relevant laws and regulations, protect the environment, store and discharge oil

according to the regulations, and prohibit to discharge it into the sewer pipe.

10. If there is a welding requirement for the car body, in order to prevent the welding current from entering the battery, please cut off the power supply.

11, in the case of no reliable support, all parts of the human body can not enter the handling car door frame or cargo fork below.

pay attention to!

Improper support, the carrier, will hurt people, if the truck does not have lifting equipment or support support protection, it is prohibited to work under the truck.

Maintenance work that the user can complete

Daily maintenance and safety inspection:

1. It is the operator's responsibility for the daily maintenance and inspection of the truck.

2, the truck does not carry out daily maintenance, will affect the safety and reliability of the truck, easy to lead to serious accidents.

3, check out the problem or found the fault should immediately stop using and start to repair.

4. In order to maintain a good use state, necessary inspection and maintenance of the vehicle every day.

At this time, inspection should be emphasized:

Site number	check point	scope of examination
1	operation control	Check that it is properly functional
2	Belly switch	Check that it is properly functional
3	suona	Check that it is properly functional
4	turn	Check that it is properly functional
5	hydraulic unit	Check that it is properly functional
6	coulombmeter	Check that it is properly functional
7	hydraulic pressure system	Check the oil level and check for oil leakage
8	actuating device	Check for any abnormal noise and oil leakage
9	brake coupling	Check for normal operation and poor contact
10	transmission	Check that it is properly functional
11	wheel	Check for any damage and remove oil stains and metal debris
12	frame	Check whether there is any damage and remove the oil pollution
13	Goods fork	Check for any deformation or cracks
14	hydraulic jack	Check for any damage and oil leakage

Clean forklift

Routine cleaning is performed weekly and is important to ensure its reliability. Pay attention to unout the power socket before cleaning to avoid damage to electrical system caused by short circuit.

External cleaning:

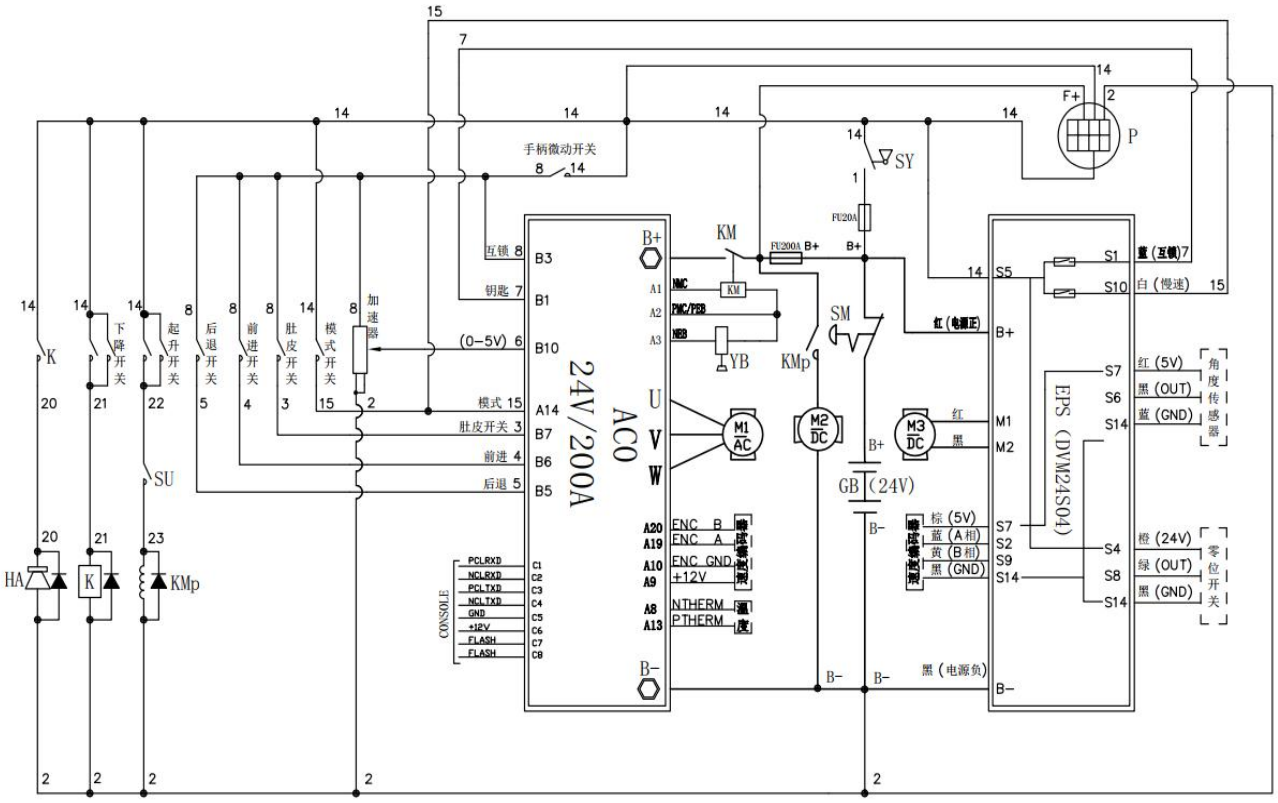
1. Remove the attachments on the wheels every day to maintain flexible rotation.

2. When cleaning the electrical components, compressed air should be used to clean the motor dust. The dust in the line should not be wiped with a wet cloth.

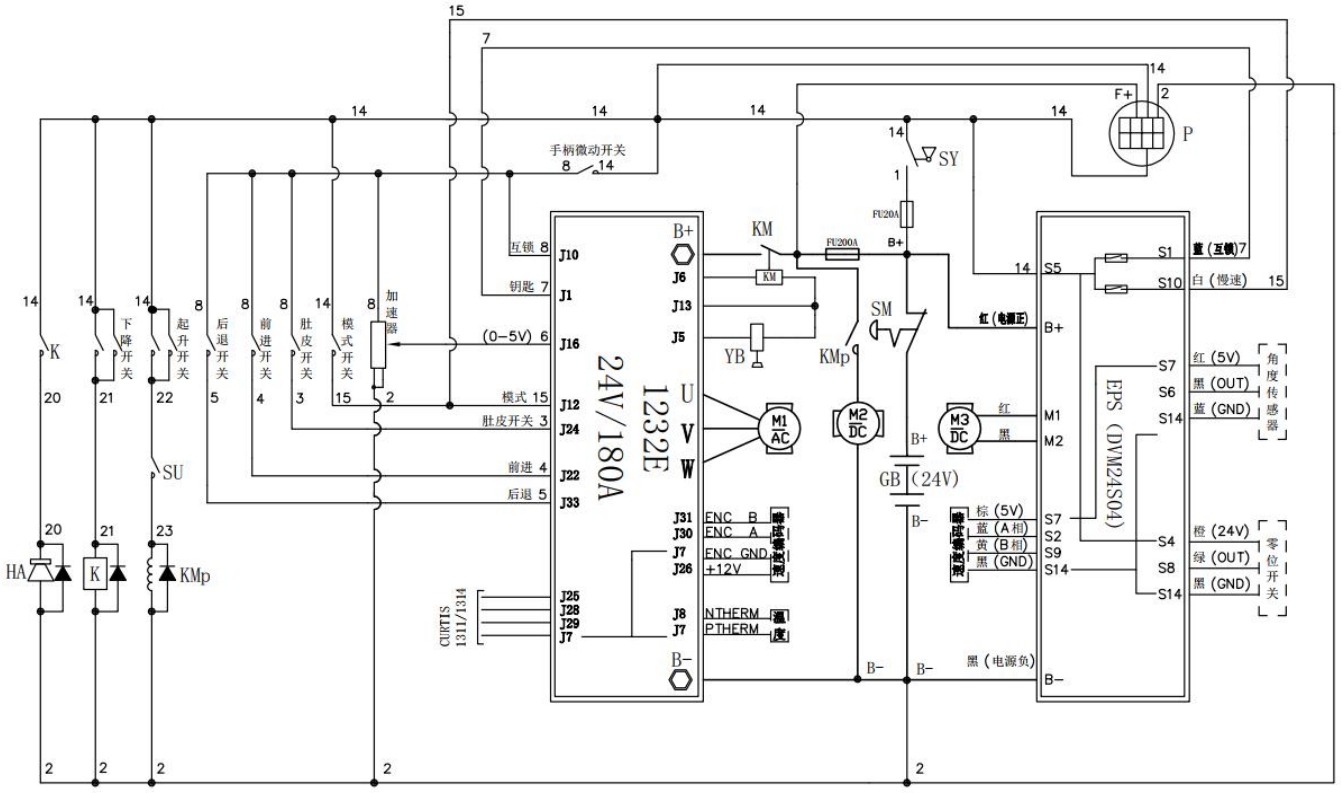
3. After cleaning, lubricating grease should be added to the relevant parts.

Note: During cleaning, the electrical components should not be washed with high pressure flushing device, and the electrical components on the circuit board should not be damaged to avoid short circuit.

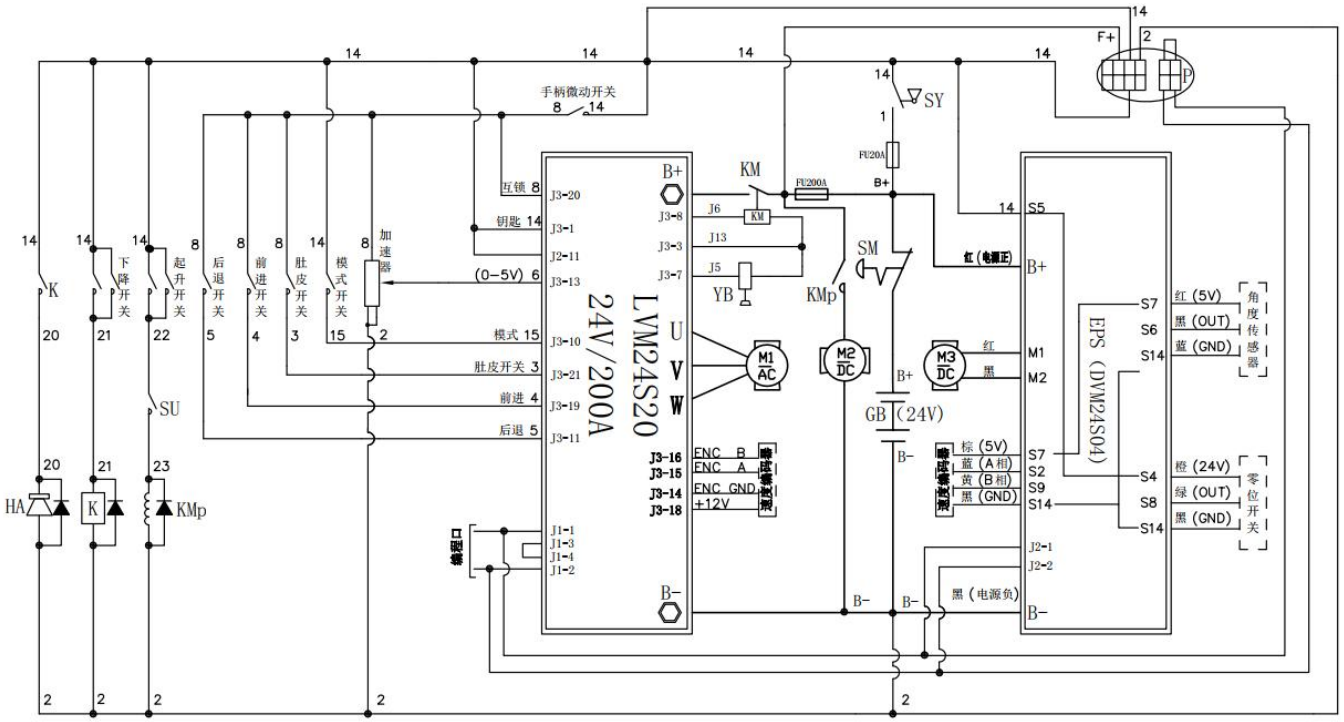
7. Schematic diagram



（KLT20/KLT30）

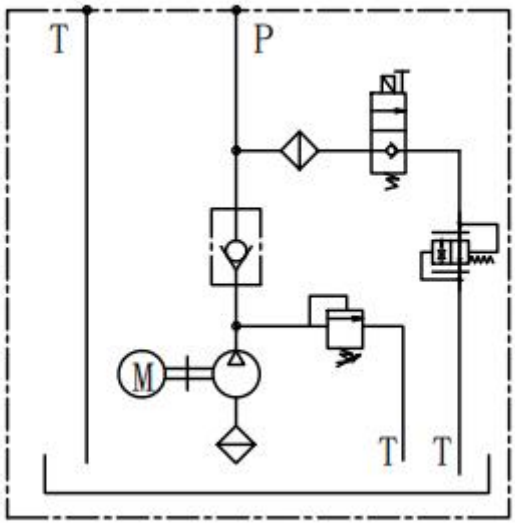


（KLT50）

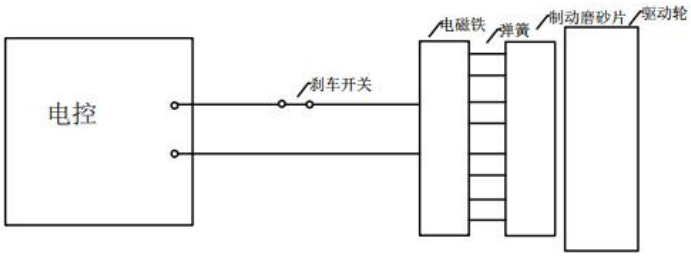


（KLT30C）

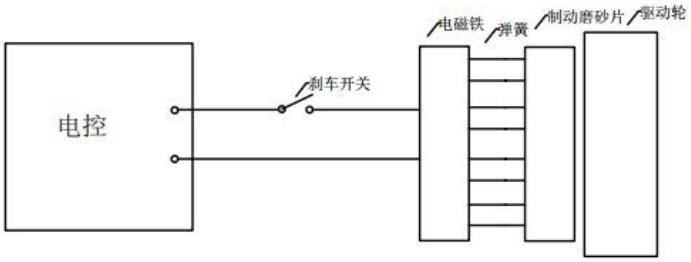
Hydraulic schematic diagram



Brake schematic diagram



整车行车状态

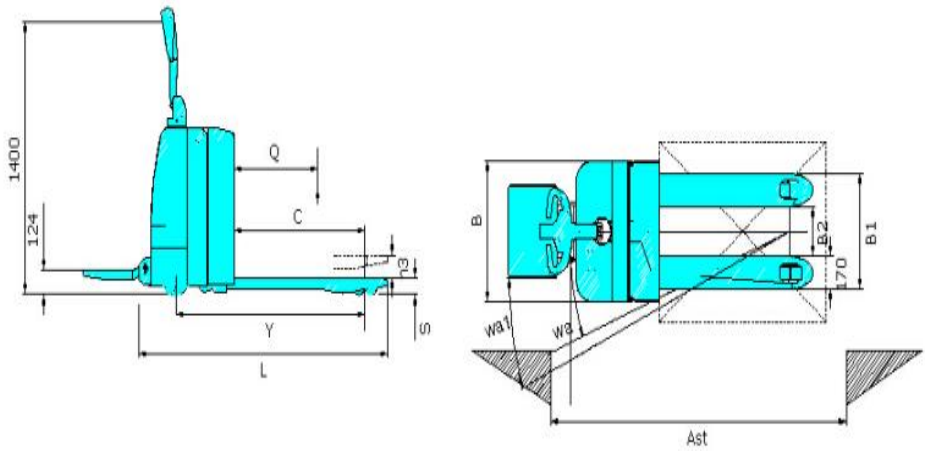


停车制动状态

KLT20/25/30 PALLET TRUCK

Model(型号)				KLT20	KLT25	KLT30
Performance（性能）	Maximum load capacity（负载能力）		kg	2000	2500	3000
	load center（载荷中心距）	Q	mm	600	600	600
	Maximum lifting height（起升高度）	H3	mm	120	120	120
	Travel speed (without load)（无负载行驶速度）		km/h	5.5	5.5	5.5
	Travel speed (with load)（负载行驶速度）		km/h	5	5	5
	Lifting speed (without load)（无负载起升速度）		mm/s	50	50	50
	Lifting speed (with load)（负载起升速度）		mm/s	30	30	30
	Lowering speed (without load)（无负载下降速度）		mm/s	57	57	57
	Lowering speed (with load)（负载下降速度）		mm/s	57	57	57
	Gradeability (without load)（无负载最大爬坡能力）		%	7	7	7

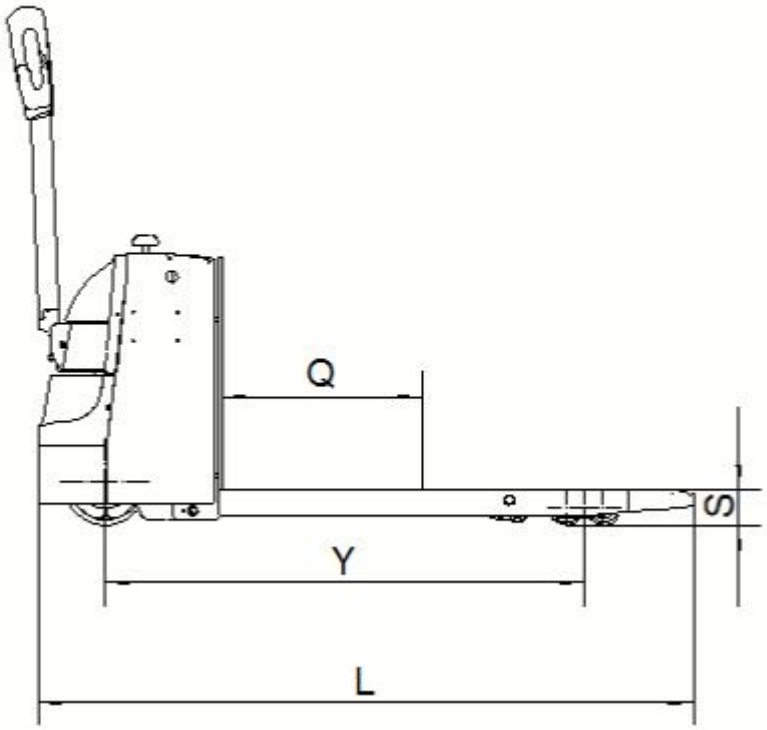
	Gradeability (with load) (负载最大爬坡能力)		%	6	6	5
	Service Weight (with battery) (重量含电池)		kg	685	685	685
Dimensions (尺寸)	Overall length of frame (整车长度)	L	mm	1775	1775	1775
	Overall length of frame(with platform)(整车长度带踏板)		mm	2280	2280	2280
	Overall width of frame (整车宽度)	B	mm	735	735	735
	Wheelbase (轴距)	Y	mm	1417	1417	1417
	Fork length (货叉长度)		mm	1150	1150	1150
	Fork outside width (货叉外侧宽度)	B1	mm	685	685	685
	Fork inside width (货叉内侧宽度)	B2	mm	345	345	345
	Fork thickness (货叉厚度)		mm	60	60	60
	Fork height when fork lowered to lowest (货叉降至最低高度)	S	mm	85	85	85
	Min ground clearance(最小离地间隙)		mm	5	5	5
	Theoretical width of minimum aisle for right-angle stacking (1200x1000)(直角堆垛通道最小理论宽度)	Asts	mm	2312	2312	2312
	Minimum turning radius (without platform) (不带踏板最小转弯半径)	Wa	mm	1625	1625	1625
	Minimum turning radius (with platform) (带踏板最小转弯半径)	Wa1	mm	2135	2135	2135
Tire (轮胎)	Front wheel (承载轮)		mm	85*70	85*70	85*70
	Drive wheel (驱动轮)		mm	230*75	230*75	230*75
	Caster wheel (平衡轮)		mm	130*55	130*55	130*55
	Wheel material (车轮类型)	polyurethane (聚氨酯)				
Electrical components (动力形式)	Drive motor type (驱动电机类型)	AC series motor (交流电机)				
	Rated output (功率)		kw	1.5	1.5	1.5
	Hoist motor type (起升电机类型)	DC series motor (直流电机)				
	Rated output (功率)		kw	0.8	1.2	1.2
Battery (电池)	Voltage (电压)		V	24		
	Capacity (容量)		AH	210		
	Weight (重量)		kg	195		

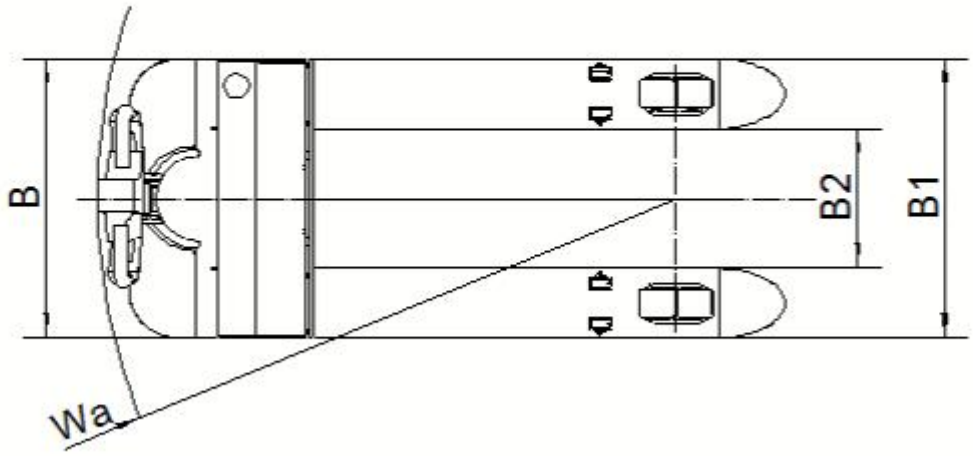


KLT30B PALLET TRUCK

Model(型号)				KLT30B
Performance（性能）	Maximum load capacity（负载能力）		kg	3000
	load center（载荷中心距）	Q	mm	600
	Maximum lifting height（起升高度）	H3	mm	120
	Travel speed (without load)（无负载行驶速度）		km/h	5.5
	Travel speed (with load)（负载行驶速度）		km/h	5
	Lifting speed (without load)（无负载起升速度）		mm/s	25
	Lifting speed (with load)（负载起升速度）		mm/s	20
	Lowering speed (without load)（无负载下降速度）		mm/s	25
	Lowering speed (with load)（负载下降速度）		mm/s	40
	Gradeability (without load)（无负载最大爬坡能力）		%	7
	Gradeability (with load)（负载最大爬坡能力）		%	5
	Service Weight (with battery)（重量含电池）		kg	~300
Dimensions（尺寸）	Overall length of frame（整车长度）	L	mm	1600
	Overall length of frame(with platform)(整车长度带踏板)		mm	\
	Overall width of frame（整车宽度）	B	mm	680
	Wheelbase（轴距）	Y	mm	1169
	Fork length（货叉长度）		mm	1150
	Fork outside width（货叉外侧宽度）	B1	mm	680
	Fork inside width（货叉内侧宽度）	B2	mm	340
	Fork thickness（货叉厚度）		mm	65
	Fork height when fork lowered to lowest（货叉降至最低高度）	S	mm	85
	Min ground clearance(最小离地间隙)		mm	5
	Theoretical width of minimum aisle for right-angle stacking （1200x1000）(直角堆垛通道最小理论宽度)	Asts	mm	2020
	Minimum turning radius (without platform)（不带踏板最小转弯半径）	Wa	mm	1410
	Minimum turning radius (with platform)（带踏板最小转弯半径）	Wa1	mm	\
Tire(轮胎)	Front wheel（承载轮）		mm	85*70
	Drive wheel（驱动轮）		mm	210*75
	Caster wheel（平衡轮）		mm	75*50
	Wheel material（车轮类型）	polyurethane（聚氨酯）		
Electrical	Drive motor type（驱动电机类型）	DC series motor（直流电机）		

components（动力形式）	Rated output（功率）		kw	1.2
	Hoist motor type（起升电机类型）	DC series motor（直流电机）		
	Rated output（功率）		kw	1.2
Battery（电池）	Voltage（电压）		V	48
	Capacity（容量）		AH	20
	Weight（重量）		kg	~10

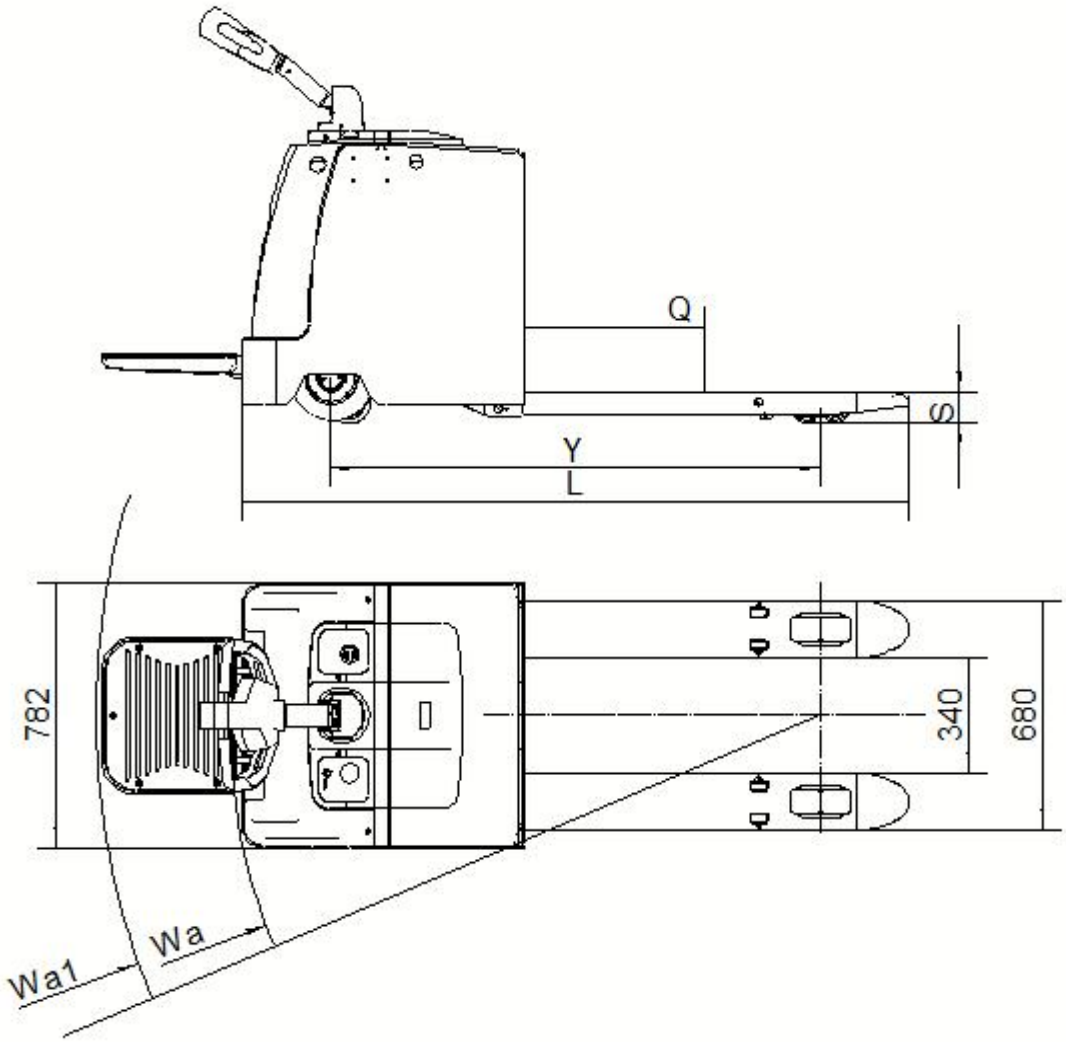




KLT20DC PALLET TRUCK

Model(型号)				KLT20DC
Performance（性能）	Maximum load capacity（负载能力）		kg	2000
	load center（载荷中心距）	Q	mm	600
	Maximum lifting height（起升高度）	H3	mm	120
	Travel speed (without load)（无负载行驶速度）		km/h	5.5
	Travel speed (with load)（负载行驶速度）		km/h	5
	Lifting speed (without load)（无负载起升速度）		mm/s	25
	Lifting speed (with load)（负载起升速度）		mm/s	20
	Lowering speed (without load)（无负载下降速度）		mm/s	25
	Lowering speed (with load)（负载下降速度）		mm/s	40
	Gradeability (without load)（无负载最大爬坡能力）		%	5
	Gradeability (with load)（负载最大爬坡能力）		%	3
	Service Weight (with battery)（重量含电池）		kg	655
Dimensions（尺寸）	Overall length of frame（整车长度）	L	mm	1995
	Overall length of frame(with platform)(整车长度带踏板)		mm	2414
	Overall width of frame（整车宽度）	B	mm	782
	Wheelbase（轴距）	Y	mm	1465
	Fork length（货叉长度）		mm	1150
	Fork outside width（货叉外侧宽度）	B1	mm	680
	Fork inside width（货叉内侧宽度）	B2	mm	340
	Fork thickness（货叉厚度）		mm	65
	Fork height when fork lowered to lowest（货叉降至最低高度）	S	mm	85
	Min ground clearance(最小离地间隙)		mm	5
	Theoretical width of minimum aisle for right-angle stacking （1200x1000）(直角堆垛通道最小理论宽度)	Asts	mm	2360
	Minimum turning radius (without platform)（不带踏板最小转弯半径）	Wa	mm	1770
	Minimum turning radius (with platform)（带踏板最小转弯半径）	Wa1	mm	2170
Tire（轮胎）	Front wheel（承载轮）		mm	85*70
	Drive wheel（驱动轮）		mm	210*75
	Caster wheel（平衡轮）		mm	130*55
	Wheel material（车轮类型）	polyurethane（聚氨酯）		
Electrical components（动力形式）	Drive motor type（驱动电机类型）	DC series motor（直流电机）		
	Rated output（功率）		kw	1.2
	Hoist motor type（起升电机类型）	DC series motor（直流电机）		
	Rated output（功率）		kw	1.2
Battery	Voltage（电压）		V	48

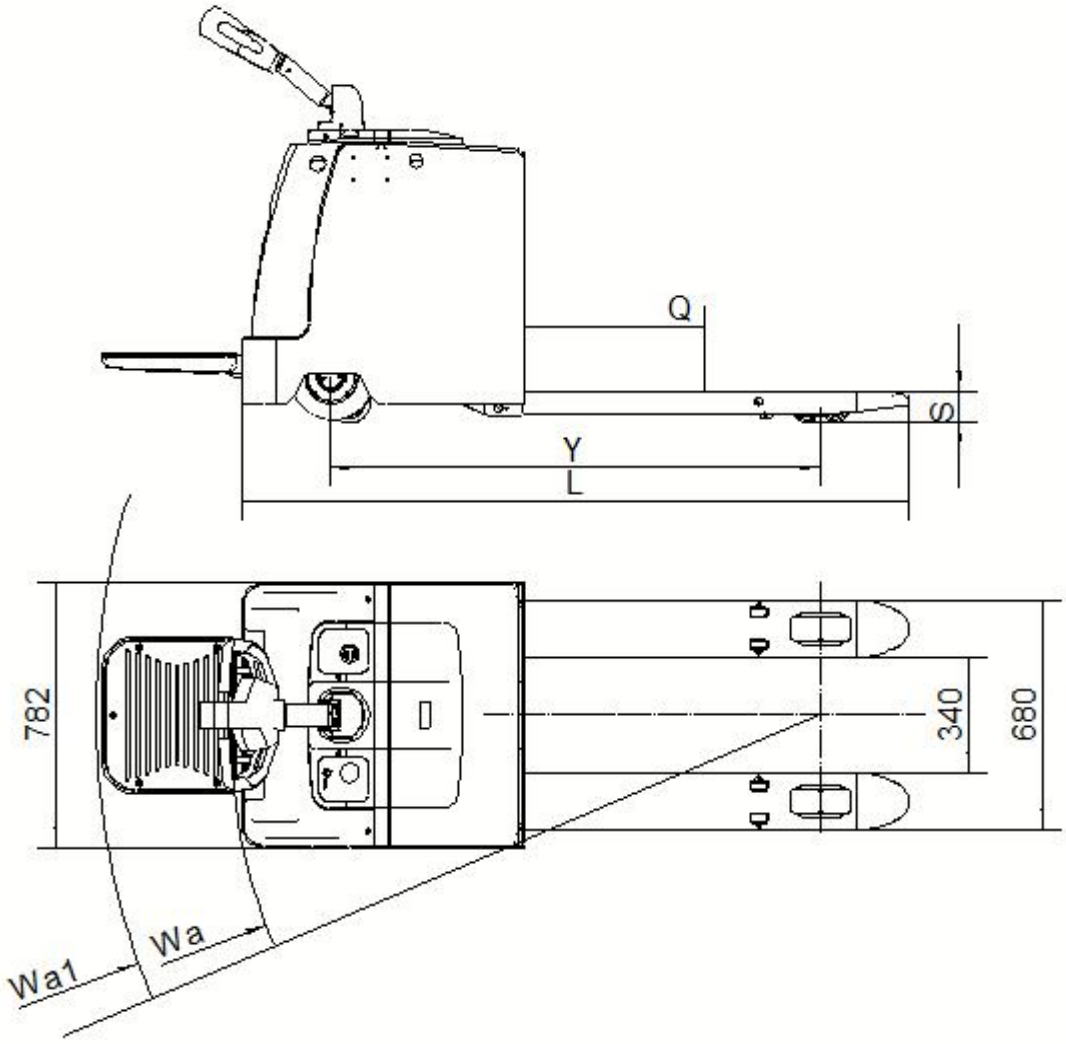
（电池）	Capacity（容量）		AH	50
	Weight（重量）		kg	15



KLT30C PALLET TRUCK

Model(型号)				KLT20C	KLT25C	KLT30C
Performance（性能）	Maximum load capacity（负载能力）		kg	2000	2500	3000
	load center（载荷中心距）	Q	mm	600	600	600
	Maximum lifting height（起升高度）	H3	mm	120	120	120
	Travel speed (without load)（无负载行驶速度）		km/h	5.5	5.5	5.5
	Travel speed (with load)（负载行驶速度）		km/	5	5	5

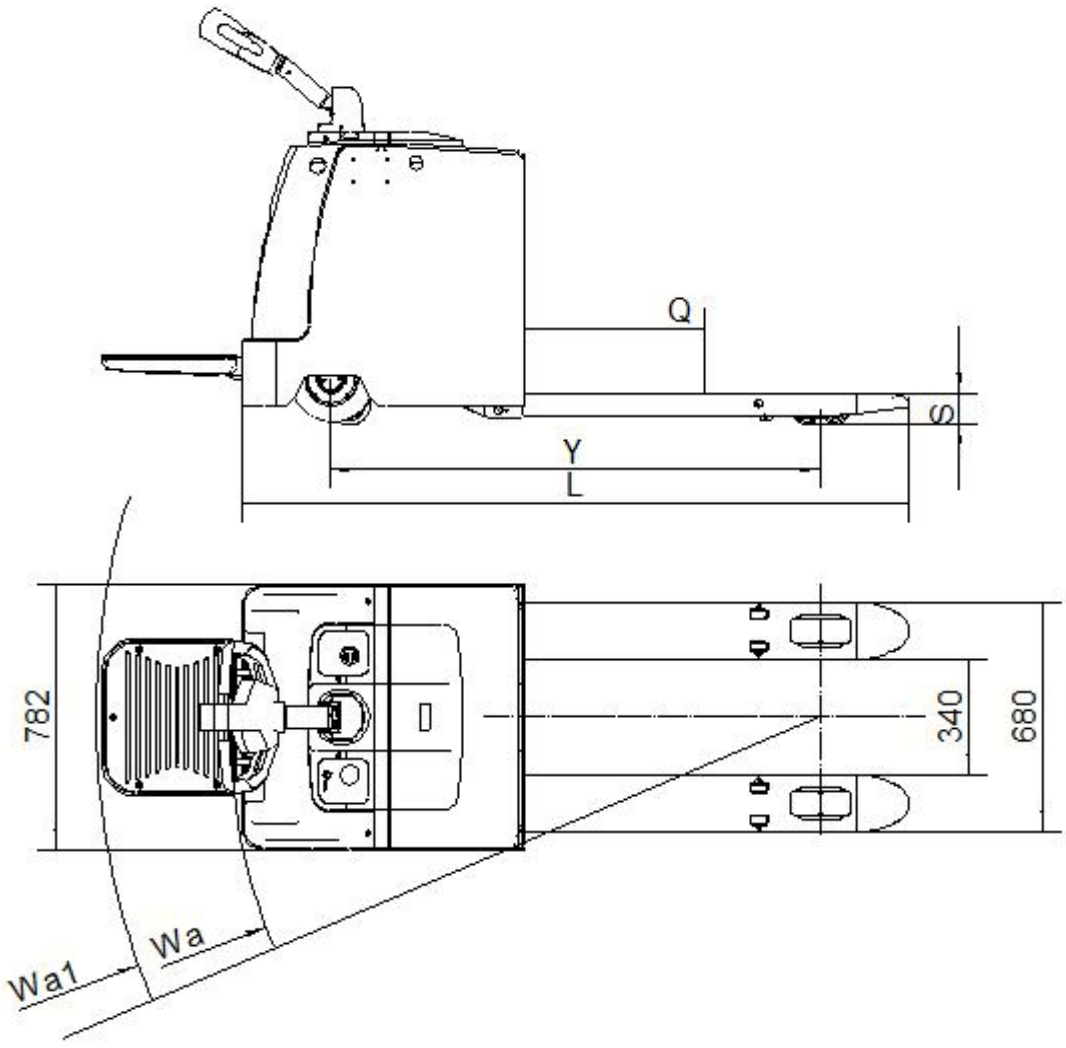
			h			
	Lifting speed (without load)（无负载起升速度）		mm/s	25	25	25
	Lifting speed (with load)（负载起升速度）		mm/s	20	20	20
	Lowering speed (without load)（无负载下降速度）		mm/s	25	25	25
	Lowering speed (with load)（负载下降速度）		mm/s	40	40	40
	Gradeability (without load)（无负载最大爬坡能力）		%	7	7	7
	Gradeability (with load)（负载最大爬坡能力）		%	5	5	5
	Service Weight (with battery)（重量含电池）		kg	680	680	680
Dimensions（尺寸）	Overall length of frame（整车长度）	L	mm	1995	1995	1995
	Overall length of frame(with platform)(整车长度带踏板)		mm	2414	2414	2414
	Overall width of frame（整车宽度）	B	mm	782	782	782
	Wheelbase（轴距）	Y	mm	1465	1465	1465
	Fork length（货叉长度）		mm	1150	1150	1150
	Fork outside width（货叉外侧宽度）	B1	mm	680	680	680
	Fork inside width（货叉内侧宽度）	B2	mm	340	340	340
	Fork thickness（货叉厚度）		mm	65	65	65
	Fork height when fork lowered to lowest（货叉降至最低高度）	S	mm	85	85	85
	Min ground clearance(最小离地间隙)		mm	5	5	5
	Theoretical width of minimum aisle for right-angle stacking （1200x1000)(直角堆垛通道最小理论宽度)	Asts	mm	2360	2360	2360
	Minimum turning radius (without platform)（不带踏板最小转弯半径）	Wa	mm	1770	1770	1770
	Minimum turning radius (with platform)（带踏板最小转弯半径）	Wa1	mm	2170	2170	2170
Tire（轮胎）	Front wheel（承载轮）		mm	85*70	85*70	85*70
	Drive wheel（驱动轮）		mm	250*80	250*80	250*80
	Caster wheel（平衡轮）		mm	130*55	130*55	130*55
	Wheel material（车轮类型）	polyurethane（聚氨酯）				
Electrical components（动力形式）	Drive motor type（驱动电机类型）	AC series motor（交流电机）				
	Rated output（功率）		kw	1.5	1.5	1.5
	Hoist motor type（起升电机类型）	DC series motor（直流电机）				
	Rated output（功率）		kw	1.2	1.2	1.2
Battery（电池）	Voltage（电压）		V	24	24	24
	Capacity（容量）		AH	160	160	160
	Weight（重量）		kg	150	150	150



KLT30D PALLET TRUCK

Model(型号)				KLT20D	KLT25D	KLT30D
Performance（性能）	Maximum load capacity（负载能力）		kg	2000	2500	3000
	load center（载荷中心距）	Q	mm	600	600	600
	Maximum lifting height（起升高度）	H3	mm	120	120	120
	Travel speed (without load)（无负载行驶速度）		km/h	5.5	5.5	5.5
	Travel speed (with load)（负载行驶速度）		km/h	5	5	5
	Lifting speed (without load)（无负载起升速度）		mm/s	25	25	25

	Lifting speed (with load)（负载起升速度）		mm/s	20	20	20
	Lowering speed (without load)（无负载下降速度）		mm/s	25	25	25
	Lowering speed (with load)（负载下降速度）		mm/s	40	40	40
	Gradeability (without load)（无负载最大爬坡能力）		%	5	5	5
	Gradeability (with load)（负载最大爬坡能力）		%	3	3	3
	Service Weight (with battery)（重量含电池）		kg	655	655	655
Dimensions（尺寸）	Overall length of frame（整车长度）	L	mm	1995	1995	1995
	Overall length of frame(with platform)(整车长度带踏板)		mm	2414	2414	2414
	Overall width of frame（整车宽度）	B	mm	782	782	782
	Wheelbase（轴距）	Y	mm	1465	1465	1465
	Fork length（货叉长度）		mm	1150	1150	1150
	Fork outside width（货叉外侧宽度）	B1	mm	680	680	680
	Fork inside width（货叉内侧宽度）	B2	mm	340	340	340
	Fork thickness（货叉厚度）		mm	65	65	65
	Fork height when fork lowered to lowest（货叉降至最低高度）	S	mm	85	85	85
	Min ground clearance(最小离地间隙)		mm	5	5	5
	Theoretical width of minimum aisle for right-angle stacking （1200x1000）(直角堆垛通道最小理论宽度)	Asts	mm	2360	2360	2360
	Minimum turning radius (without platform)（不带踏板最小转弯半径）	Wa	mm	1770	1770	1770
	Minimum turning radius (with platform)（带踏板最小转弯半径）	Wa1	mm	2170	2170	2170
Tire（轮胎）	Front wheel（承载轮）		mm	85*70	85*70	85*70
	Drive wheel（驱动轮）		mm	250*80	250*80	250*80
	Caster wheel（平衡轮）		mm	130*55	130*55	130*55
	Wheel material（车轮类型）	polyurethane（聚氨酯）				
Electrical components（动力形式）	Drive motor type（驱动电机类型）	AC series motor（交流电机）				
	Rated output（功率）		kw	1.5	1.5	1.5
	Hoist motor type（起升电机类型）	DC series motor（直流电机）				
	Rated output（功率）		kw	1.2	1.2	1.2
Battery（电池）	Voltage（电压）		V	24	24	24
	Capacity（容量）		AH	160	160	160
	Weight（重量）		kg	150	150	150


Q
S
Y
L
782
340
680
Wa1
Wa

KLT40/50/60/70/80 PALLET TRUCK

Model(型号)				KLT40	KLT50/60	KLT70/80
Performance（性能）	Maximum load capacity（负载能力）		kg	4000	5000/6000	7000/8000
	load center（载荷中心距）	Q	mm	600	600	800
	Maximum lifting height（起升高度）	H3	mm	110	110	110
	Travel speed (without load)（无负载行驶速度）		km/h	5.5	5.5	5.5
	Travel speed (with load)（负载行驶速度）		km/h	5	5	5
	Lifting speed (without load)（无负载起升速度）		mm/s	50	50	50
	Lifting speed (with load)（负载起升速度）		mm/s	30	30	30
	Lowering speed (without load)（无负载下降速度）		mm/s	57	57	57
	Lowering speed (with load)（负载下降速度）		mm/s	57	57	57
	Gradeability (without load)（无负载最大爬坡能力）		%	\	\	7
	Gradeability (with load)（负载最大爬坡能力）		%	\	\	6
	Service Weight (with battery)（重量含电池）		kg	1085	1085	1400
Dimensions(尺寸)	Overall length of frame（整车长度）	L	mm	2065	2065	2215
	Overall length of frame(with platform)(整车长度带踏板)		mm	2570	2570	2720
	Overall width of frame（整车宽度）	B	mm	876	876	876
	Wheelbase（轴距）	Y	mm	1480	1480	1580
	Fork length（货叉长度）		mm	1150	1150	1300
	Fork outside width（货叉外侧宽度）	B1	mm	750	750	900
	Fork inside width（货叉内侧宽度）	B2	mm	250	250	400
	Fork thickness（货叉厚度）		mm	78	78	128
	Fork height when fork lowered to lowest（货叉降至最低高度）	S	mm	100	100	150
	Min ground clearance(最小离地间隙)		mm	5	5	15
	Theoretical width of minimum aisle for right-angle stacking （1200x1000）(直角堆垛通道最小理论宽度)	Asts	mm	2440	2440	2610
	Minimum turning radius (without platform)（不带踏板最小转弯半径）	Wa	mm	1770	1770	2070
	Minimum turning radius (with platform)（带踏板最小转弯半径）	Wa1	mm	2190	2190	2500
Tire（轮胎）	Front wheel（承载轮）		mm	85*110	85*110	130*55
	Drive wheel（驱动轮）		mm	230*	230*75	250*10

				75		0
	Caster wheel（平衡轮）		mm	130*80	130*80	130*80
	Wheel material（车轮类型）	polyurethane（聚氨酯）				
Electrical components（动力形式）	Drive motor type（驱动电机类型）	AC series motor（交流电机）				
	Rated output（功率）		kw	2.2	2.2	3
	Hoist motor type（起升电机类型）	DC series motor（直流电机）				
	Rated output（功率）		kw	2.2		
Battery（电池）	Voltage（电压）		V	24		
	Capacity（容量）		AH	210	210	300
	Weight（重量）		kg	195	195	260