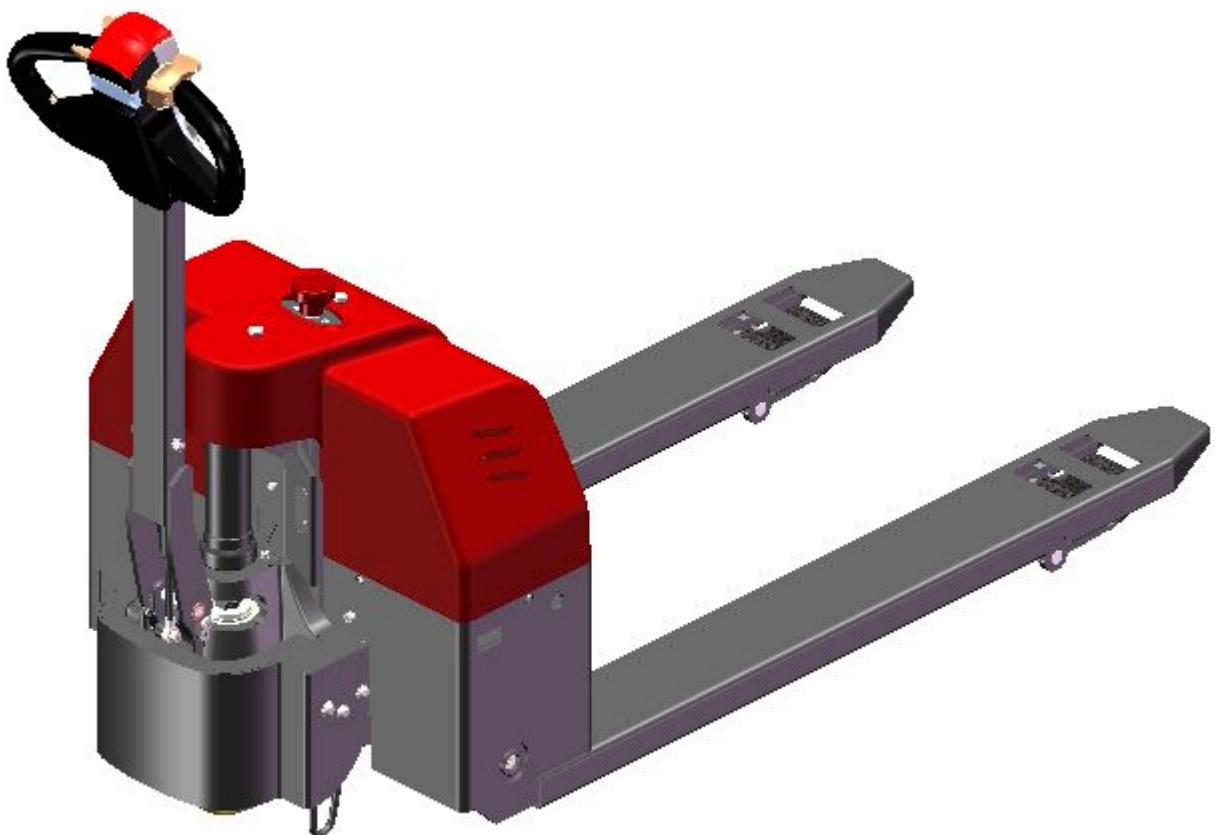


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# The instructions

SL15 Full Electric Pallet Truck



The use of the scope statement 2014.9

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## —: Introduction of the product

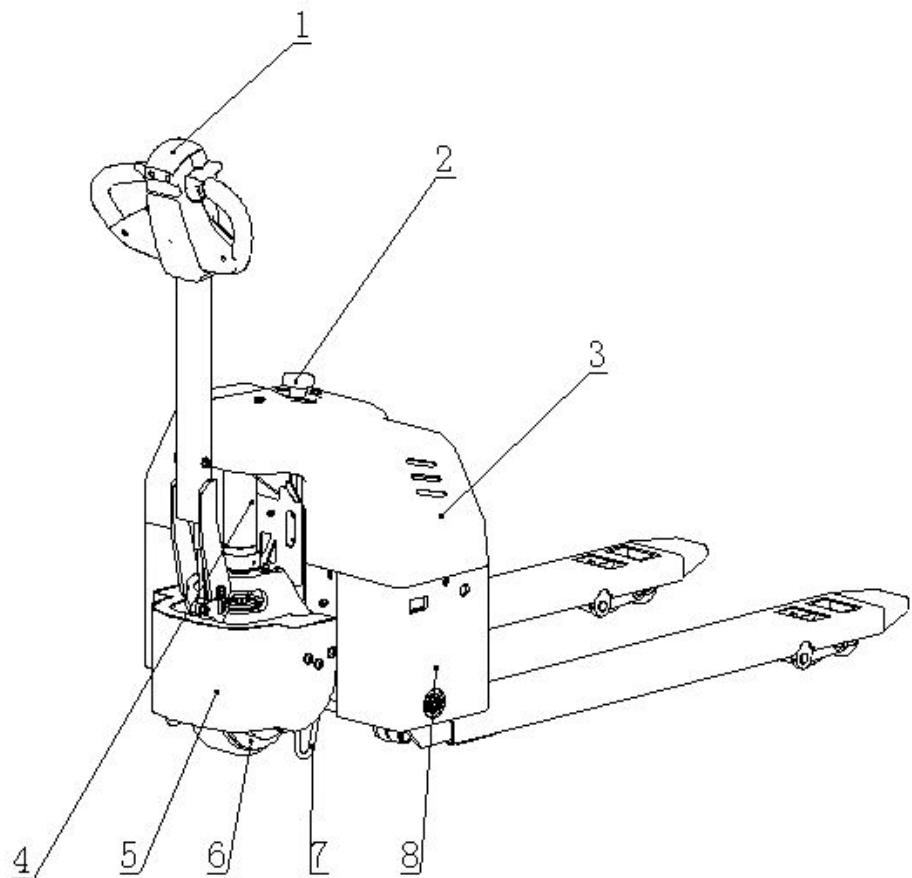
### 1.Instruction

This series truck is suitable for working on the smooth ground. Tray can be open type or with strip waling, also can be beyond bearing.

The environment temperature:5 °C to 40 °C

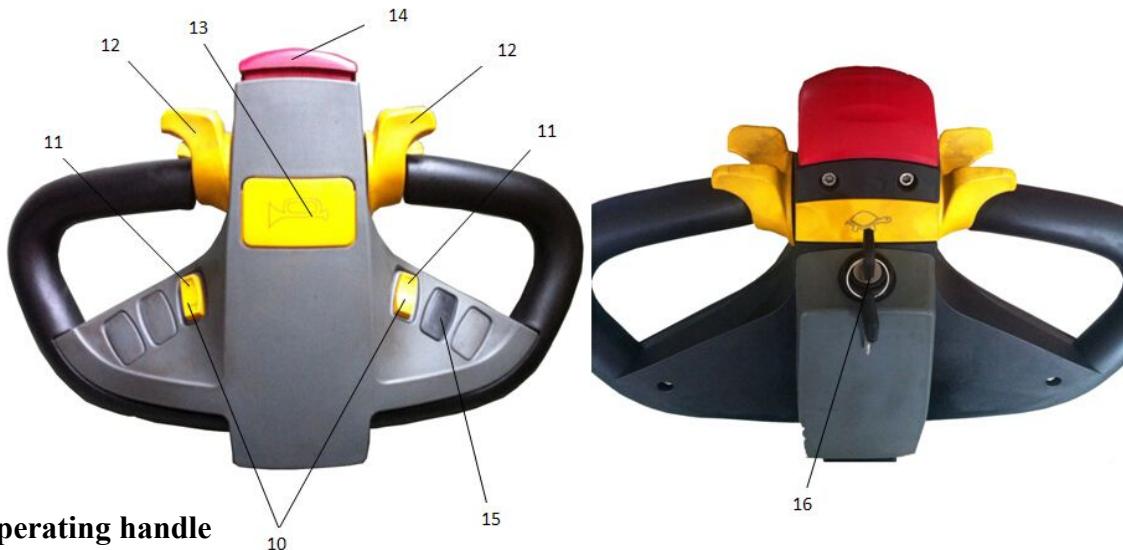
If long time in less than 5 °C environment such as cold store, or in the conditions of extreme temperature and humidity , must be extra special equipment installation, and obtain the permission of the manufacturer.

### 2.Vehicle components



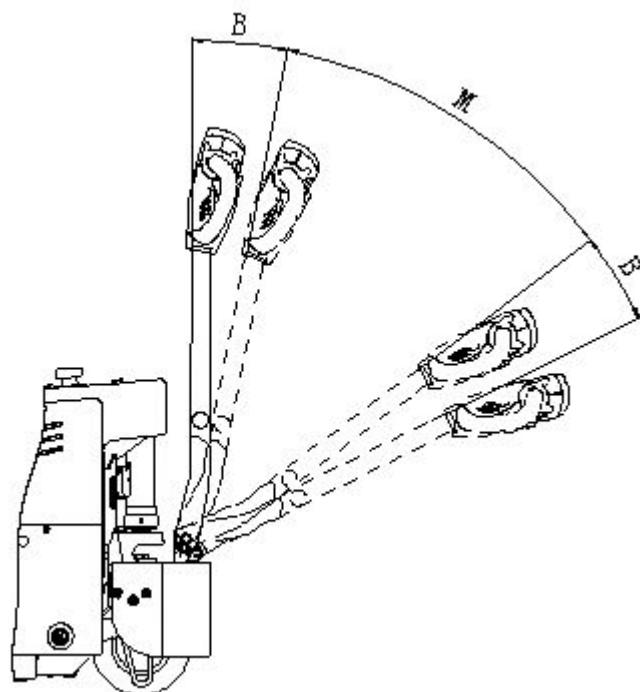
NO	Name	NO	Name
1	The operating handle	5	Cover assembly
2	Emergency stop switch	6	Driving wheel
3	The top cover	7	Balance frame
4	Lifting oil cylinder	8	Frame

NO.	Name	NO.	Name
10	Down button	14	Protection button
11	Ascending button	15	Electricity meter
12	Travel switches	16	Key switch
13	Horn button		



### 3.Driving

The operating handle swing to the traveling area (M), the travel switch steering direction required (before or after). The rotation angle is big, the corresponding speed is also large.



#### **4.Promote**

Press the up button (11), until it reaches the required lifting height, loosen up buttons.

#### **5.Drop**

Press the down button (10), until the part load down to the bottom, loosen the down button.

##### **Note!**

In order to avoid intermittent cylinder service life, each lifting hoisting avoid fork lift to the highest state.

#### **6.According to the provisions of security parked van**

If you need to leave the truck driver, even if the departure time is shortened, must also be in accordance with the provisions of the van parked in advance.

- hold down button (3), drop weight component download.All down the lower fork.
- press the emergency stop switch (1).
- key lock to rotate in place, and take out the key.

##### **Note!**

Must always be required to park van. Ban will be handling car park on the slope.

#### **7.Failure to guide**

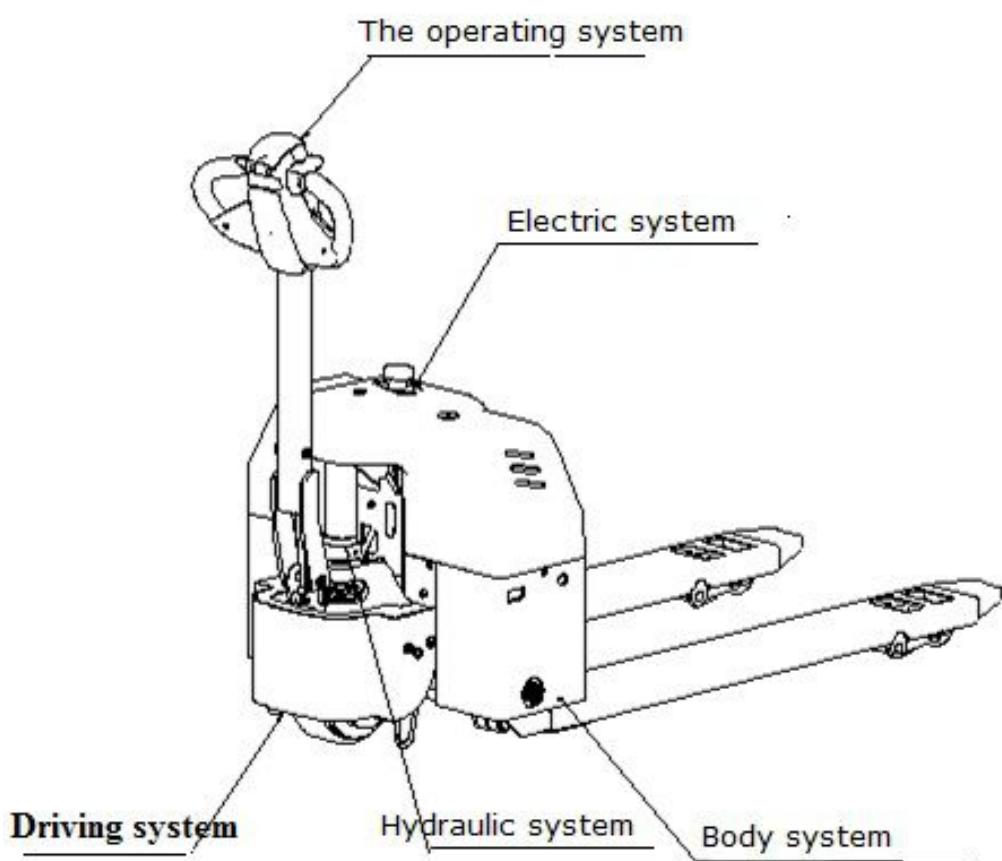
This chapter is designed to help the user to determine and the exclusion of simple fault or cause because of operation error problem. Please press the sequence of operation in the table gradually inspection, to determine the cause of the failure of concrete.

Fault	The possible reason	The solution
Transport vehicle can not run	lock switch is in the closed position Battery power is low, Insurance: burn Porter in charge mode	will switch lock for the open position - check the battery charging condition, need to charge the battery Check the position of insurance Interrupt the charging process
Unable to upgrade the goods	Hydraulic oil level too low Overload	Check the hydraulic oil level At rated load (see note model name plate)

If the implementation of the "solution", all operations are listed in the following, still failed to troubleshooting, please contact our customer service department. Further to find and eliminate the faults must be operated by trained service personnel of customer service.

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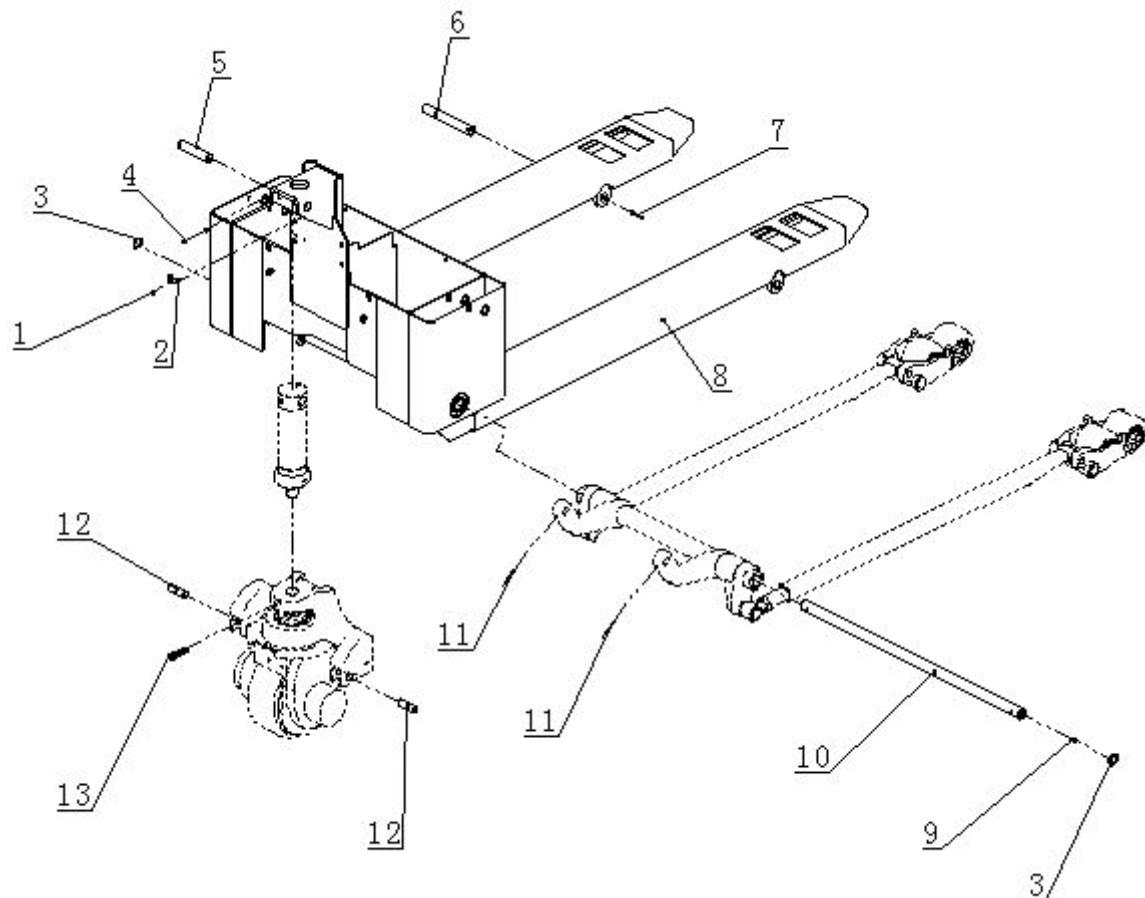
## 二: Introduction of the parts



## 1. The body system

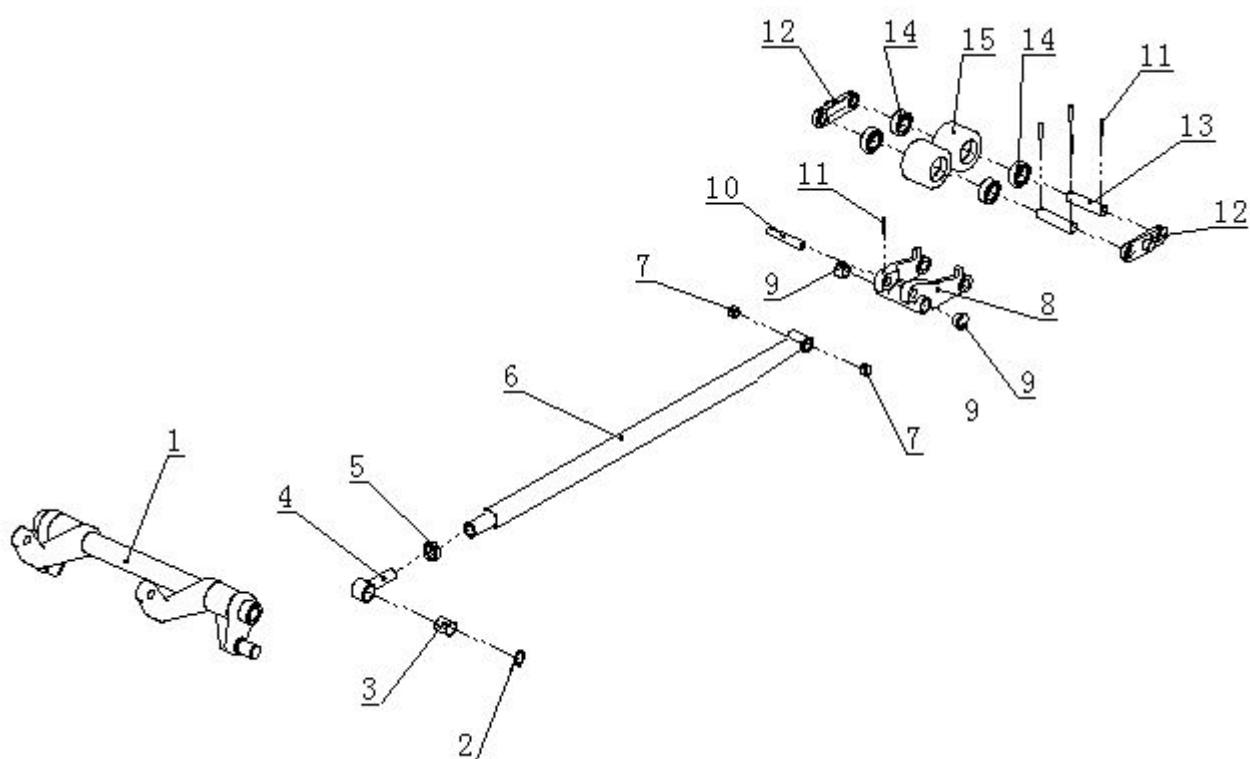
### 1.1 The body system

NO	Description	Qty	NO	Description	Qty
1	The lower connecting rod welding	1	9	Should composite sleeveΦ20×Φ23×15	4
2	Cir clips for shaft Φ25	2	10	Push rod mounting shaft	2
3	Composite sleeveΦ25×Φ28×28	2	11	The elastic cylindrical pin Φ×35	10
4	Push after the set of welding	2	12	Double wins	4
5	Hexagon nutM22×1.5	2	13	The bearing wheel pin shaft	4
6	Push rod welding	2	14	Bearing6204	8
7	Composite sleeveΦ16×Φ19×12	4	15	FerryΦ80×Φ60	4
8	Wheel frame	1			



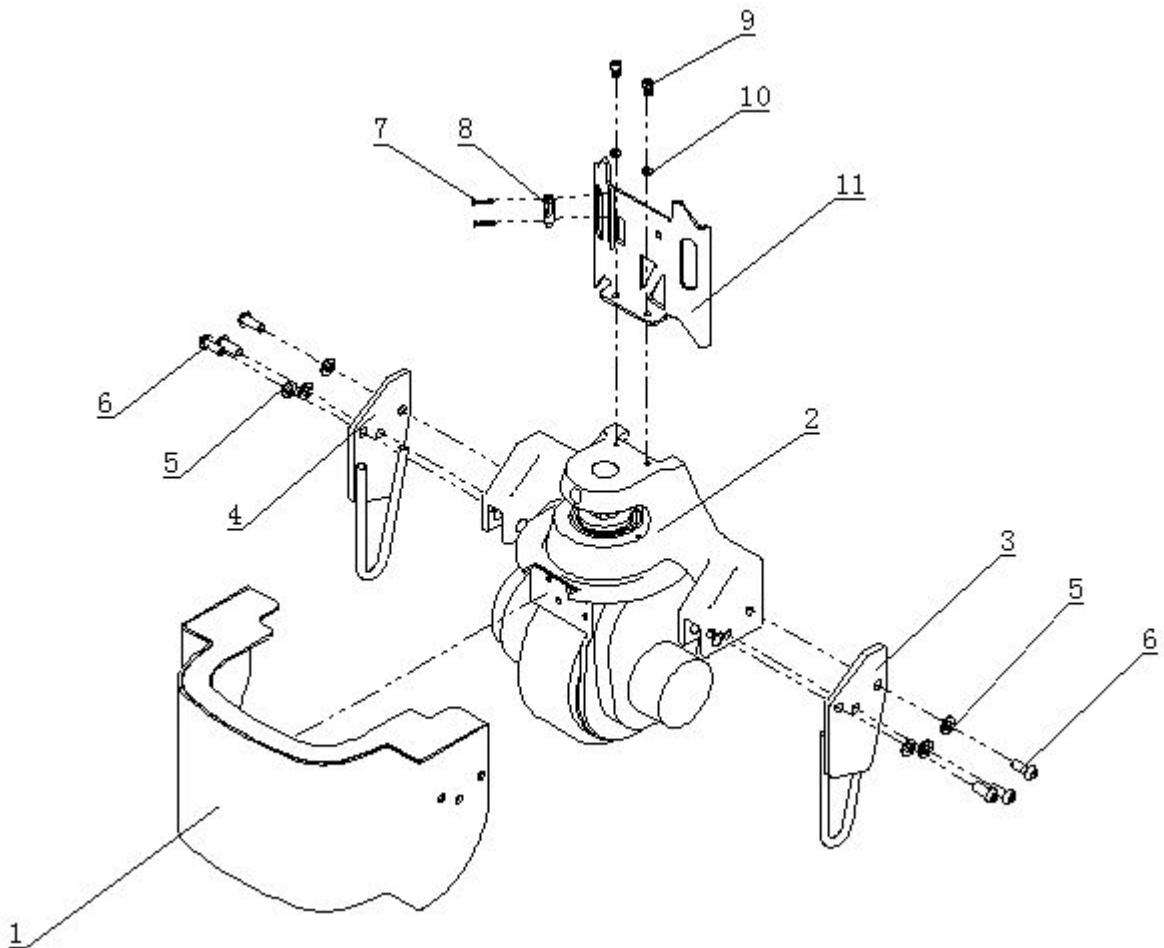
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## 1.2 Connecting rod assembly



### 1.3 The drive housing assembly

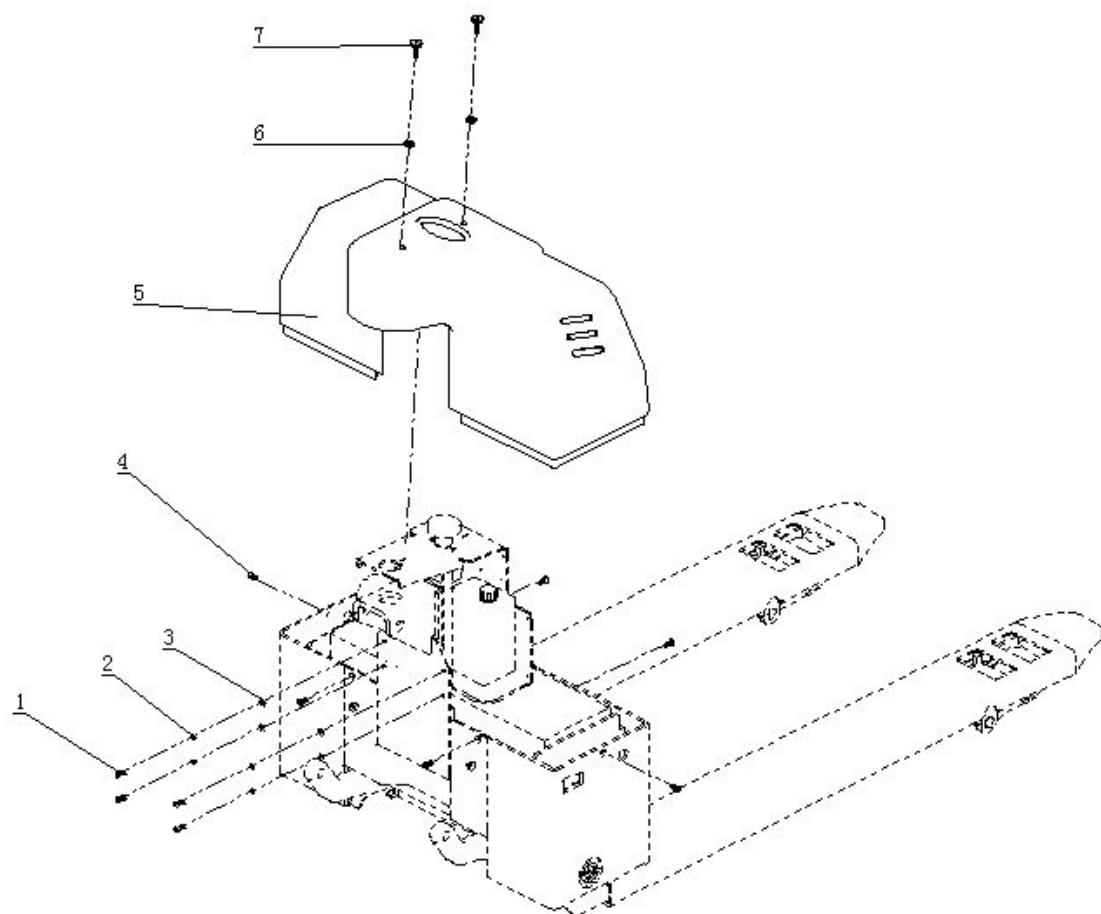
NO.	Description	Qty	NO.	Description	Qty
1	The lower cover welding	1	7	Screw M3×20	2
2	The drive unit assembly	1	8	The micro switch	1
3	The right balance frame welding	1	9	Screw M6×12	2
4	The left balance frame welding	1	10	Flat gasket Φ6	
5	Flat gasket Φ10	6	11	The retaining plate	1
6	Screw M10×25	6			



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## 1.4 Cover assembly

NO.	Description	Qty	NO.	Description	Qty
1	Screw M6×12	1	5	The top cover	1
2	Spring washer Φ6	4	6	The rubber gasket	2
3	Flat gasket Φ6	4	7	Screw M6×25	2
4	Screw M6×6	4	8		1

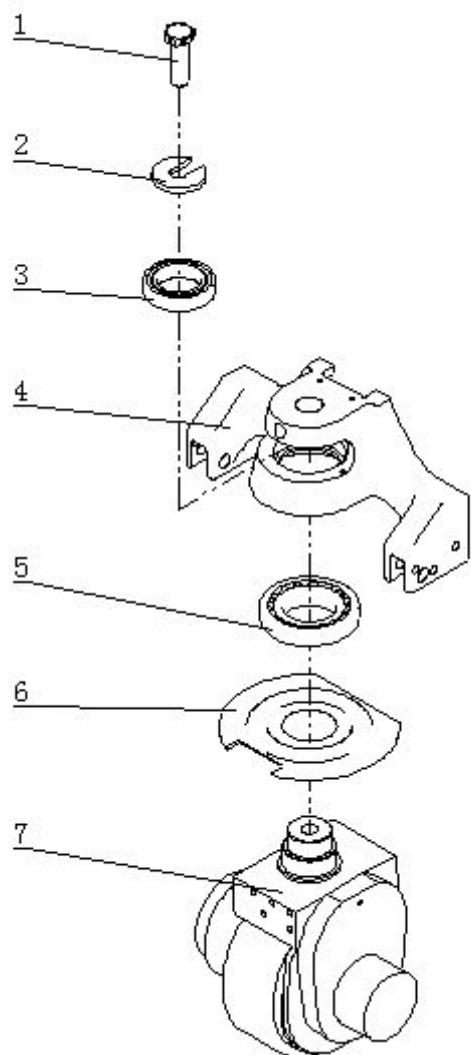


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## 2.Driving system

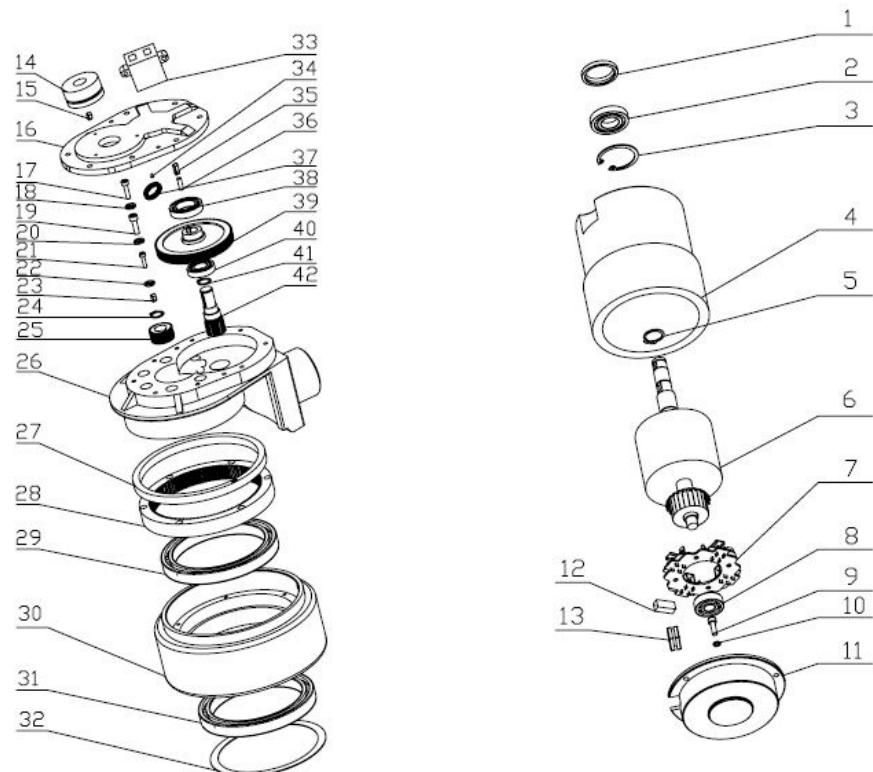
### 2.1 Driving device

NO.	Description	Qty	NO.	Description	Qty
1	Bolt M20×1.5	1	5	Bearing30212	1
2	Driving clamping plate	1	6	The circular cover plate	1
3	Bearing 6010	1	7	Drive	1
4	Bearing bridge	1	8		



## 2.2 Drive assembly

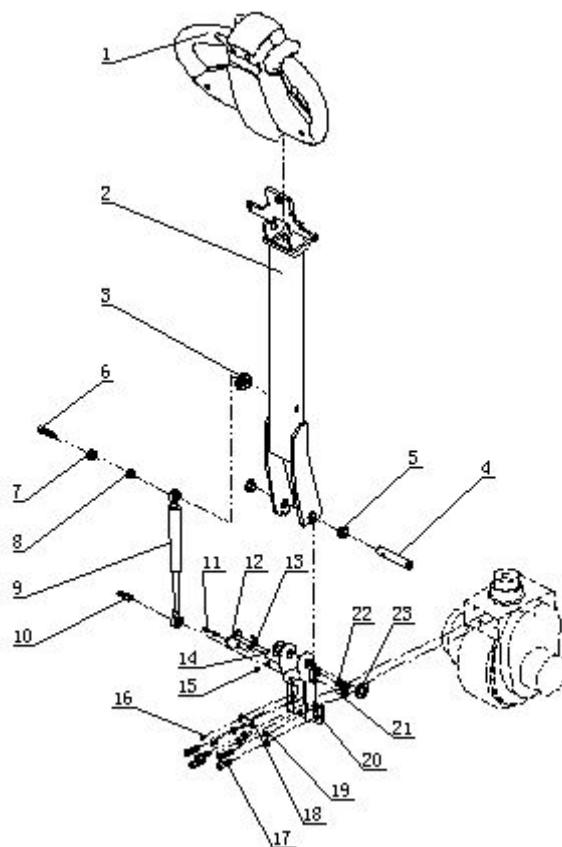
NO.	Description	Qty	NO.	Description	Qty
1	Oil seal	1	22	The elastic washer	1
2	bearing	1	23	Key	1
3	Cir clips for holes	1	24	Cir clips for shaft	1
4	Chassis parts	1	25	Small helical gear	1
5	Cir clips for shaft	1	26	The box body	1
6	Rotor	1	27	Oil seal	1
7	Brush frame parts	1	28	Straight tooth ring	1
8	bearing	1	29	bearing	1
9	Inner six angle bolt	1	30	The driving wheel	1
10	elastic washer	1	31	bearing	1
11	The rear end cover	1	32	The dust ring	1
12	Brush	1	33	Junction box	1
13	Coil protection	1	34	Pressure grease cup	1
14	Brake parts	1	35	Key	1
15	Key	1	36	The positioning pin	1
16	The box cover	1	37	Oil seal	1
17	Inner six angle bolt	1	38	Bearing	1
18	The elastic washer	1	39	A large piece of	1
19	Inner six angle bolt	1	40	Bearing	1
20	The elastic washer	1	41	Circlips for shaft	1
21	Inner six angle bolt	1	42	The two stage main tooth	1



### 3.The operation system

#### 3.1The operating handle assembly

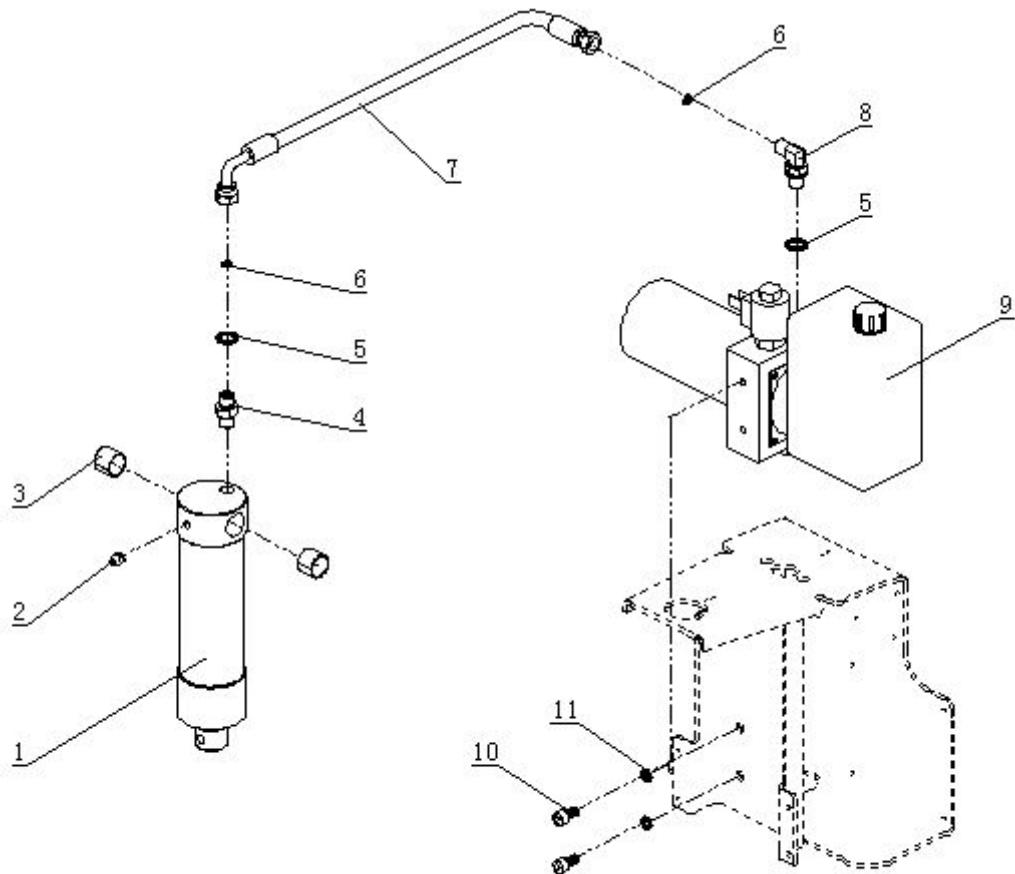
NO.	Description	Qty	NO.	Description	Qty
1	Handle		12	Switch mounting plate	1
2	handle welding	1	13	Inching switch	1
3	Rubber pad	1	14	Screw M2×8	2
4	Joint shaft	1	15	Screw M6×8	2
5	Shoulder meet setΦ18×Φ16×10	2	16	Screw M4×10	2
6	Screw M8×35	1	17	Pressing line plate	1
7	Spacer sleeve	1	18	Spring washerΦ8	5
8	Screw M8	1	19	joint seat	1
9	Pneumatic spring seat	1	20	Screw M8×20	1
10	Screw M8×25	6	21	Screw M10×20	1
11	Screw M4×10	2	22	Flat gasket Φ16	2



## 4.Hydraulic system

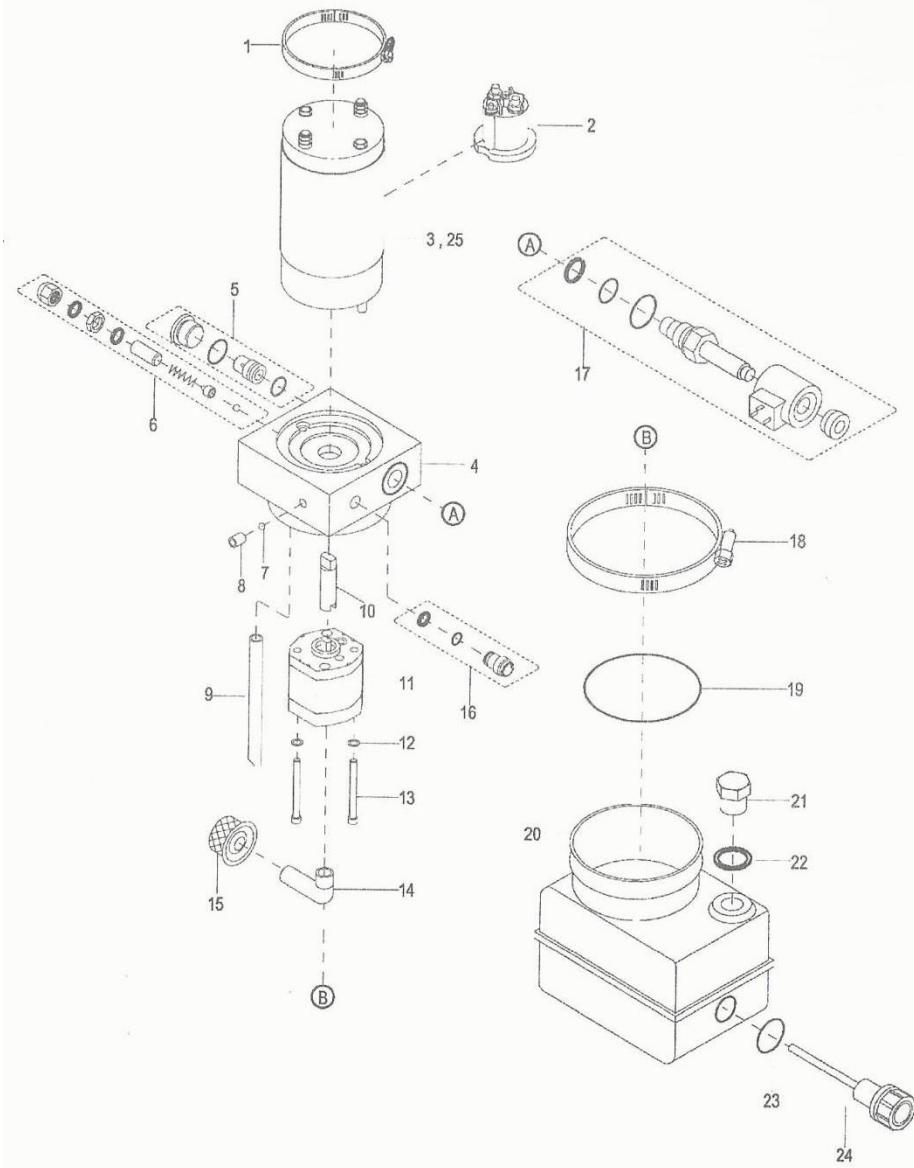
### 4.1 Hydraulic assembly

NO.	Description	Qty	NO.	Description	Qty
1	Lifting cylinder.	1	7	Rubber hose	1
2	Oil cupM8	1	8	A right angle joint	1
3	Composite sleeve $\Phi 20 \times \Phi 23 \times 18$	2	9	Hydraulic station assembly	1
4	Direct head	1	10	ScrewM8×16	2
5	Combined sealing gasket $\Phi 14$	2	11	Spring washer $\Phi 8$	2
6	O-ring; $6 \times 1.8$	2			



## 4.2 Hydraulic system

NO.	Description	Qty	NO.	Description	Qty
1	Hose clamps	1	14	Oil suction pipe	1
2	Contactor	1	15	Oil filter (G3/8)	1
3	DC motor	1	16	The one-way valve	1
4	Valve blockB1	1	17	Solenoid valve	1
5	Throttle valve	1	18	Hose clamps Φ100	1
6	Safety valve	1	19	○-ringΦ85×3.0	1
7	Steel ball	2	20	Fuel tank	1
8	Inner six angle bolt M3×8	2	21	Sealing screws	1
9	The oil return pipe	1	22	The combination of pad G3/8	1
10	Connect oil	1	23	○-ring	3
11	Pump	1	24	Air filter (G3/8)	1
12	WasherΦ5	1	25	Brush	1
13	ScrewM5×70	1			



## 5 The electric system

### 5.1 Electric plate assembly

NO.	Description	Qty	NO.	Description	Qty
1	NutM8	4	11	Emergency switch	1
2	Fuse100A	1	12	Electric plate	1
3	Spring washerΦ8	2	13	ScrewM4×40	2
4	WasherΦ8	2	14	WasherΦ4	2
5	Plain washerΦ8	2	15	Controller	1
6	ScrewM5×16	2	16	Install plate	1
7	Fuse holder	1	17	ScrewM4×35	4
8	ScrewM3×10	2	18	WasherΦ4	4
9	Buzzer	1	19	Fan	1
10	ScrewM5×12	1	20	Rubber pad	4

