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Eoslift

E20V

Scale
Pallet
Truck

Operating Instructions

CE CERTIFICATE

E20V Series Scale Pallet Trucks

Esteemed users:

For proper and safe operation of the products, before using the products, be sure to read the operating instructions carefully and retain them properly for future reference.

The operator needs to have proficient operation skills. The operator has responsibility to carefully understand the performance and safety rules of the pallet truck. If you have any doubts during the application, please don't hesitate to contact Eoslift.

Eoslift

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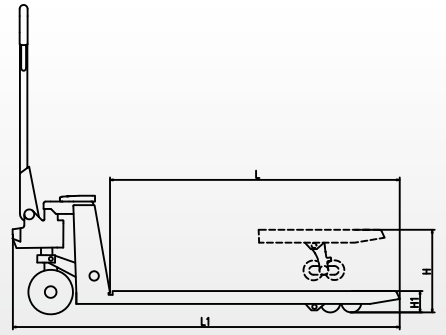
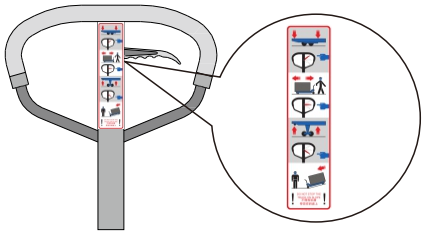
Technical parameters

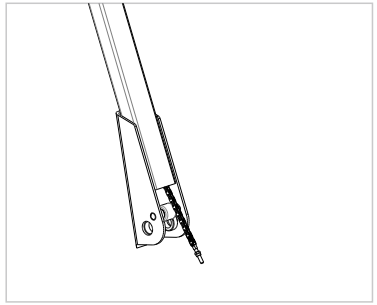
Model			E20V
Rated capacity		kg	2000
Load center		mm	600
Dead-weight		kg	130
Wheel material			PU/NYLON
Maximum error		%	0.05
Maximum fork height	H	mm	190/200
Minimum fork height	H1	mm	75/85
Steering wheel		mm	Φ180×50
Load-bearing wheel		mm	Φ80×70
Overall fork width	B	mm	560/685
Fork length	L	mm	1150/1220
Length of the truck	L1	mm	1580/1650
Minimum turning radius	R	mm	1325/1395
Type of battery			Button cells
Battery capacity		mAh	2x900



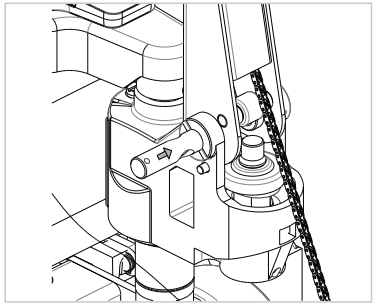
Safety rules

- The pallet truck is only applicable to indoor use and the application environment must meet the following conditions:
  Free from rainwater or corrosion of harmful gases;
  Room temperature of -20°C~+40°C;
  Relative ambient humidity <90%;
  and Requirements for ground: hard, anti-skid and level without barriers.
- Before using the pallet truck, the operator must read the operating instructions and the warning labels on the truck body carefully.
- Do not use this truck on the muddy ground.
- Do not operate the pallet truck unless you are fully familiar with it and have been authorized to do so.
- Do not operate the pallet truck unless you have carefully checked its condition. Pay special attention to the wheels, the handle assemblies, the truck frame, the unloading plate, etc. To pull the truck, always move the finger grip control handle into the middle position. This makes the handle easier to move and reduces the rebounce of the handle by the small piston. This also preserves the hydraulic seals and the piston components. A long service life can be expected.
- Do not carry or lift passengers.
- The operator shall wear safety shoes and gloves for protection.
- While the goods are being transported, all people should stay 600mm away from the truck frame.
- Overload is prohibited.
- Do not use the truck in a potentially flammable and explosive atmosphere.
- Do not use the truck as a vehicle jack.
- Do not use the truck during strong wind forces.
- Do not use the truck on places insufficiently illuminated.
- Under special conditions or in special locations, the operator should be careful while operating the pallet truck.

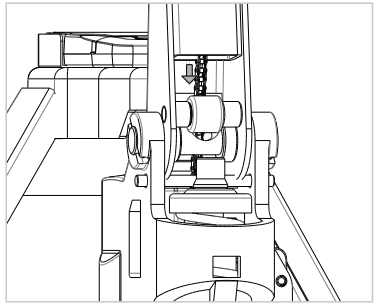


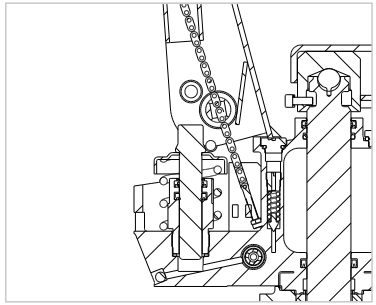


1.Make sure the chain on the handle is in this position shown in the picture.

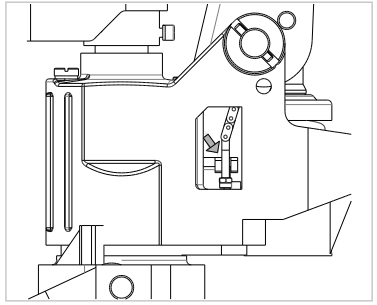


2.Push the handle shaft through the holes,Fix it with the spring pin.

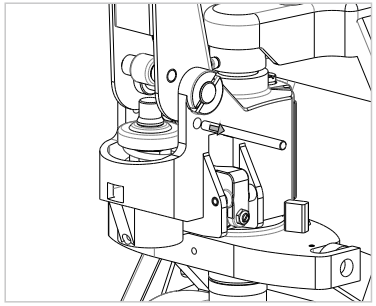




3.Put the chain through the hole on the shaft.

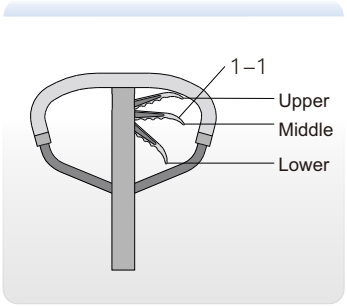


4.Fix the chain in the slot of the unloading plate.



5.Pull the shaft from the hole. Then the assembly is complete.

On the handle of this pallet truck, you can find finger grip control handle(1-1) which can be regulated in three positions :



[1] Lifting-set the control handle at lower position

[2] Middle position: set the control handle at middle position

[3] Lowering: set the control handle at upper position. The handle moves back to the middle position when released.

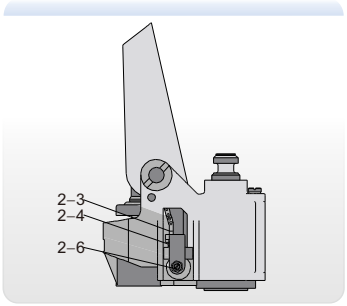
However if the truck cannot operate normally under three positions, you can adjust them according to the following steps:

①If the forks elevate while pumping in the Middle position, turn the adjusting nut (2-4) on the adjusting bolt (2-3) or screw (2-6) clockwise until pumping action does not raise the forks and the finger grip control handle works properly Middle position .

② If the forks descend while pumping in the Middle position, turn the screw(2-6) or nut(2-6) counter clockwise until the forks stop descending.

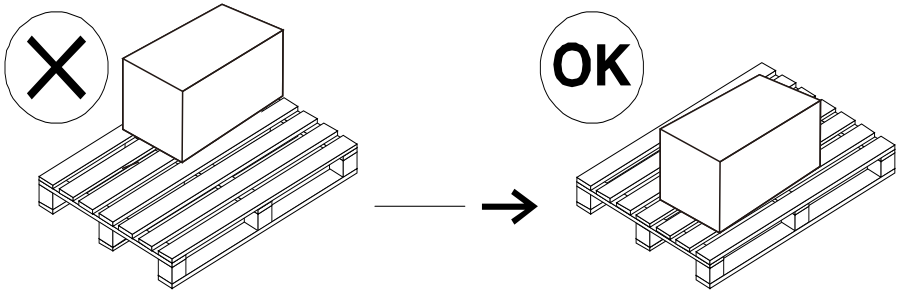
③ If the forks do not descend when the finger grip control handle (1-1) is in the Lowering position, turn the nut (2-4) or screw (2-6) clockwise until raising the control handle lowers the forks. Then check the Middle position according to items ①and ② to make sure the nut (2-4) and screw(2-6) are in the proper position.

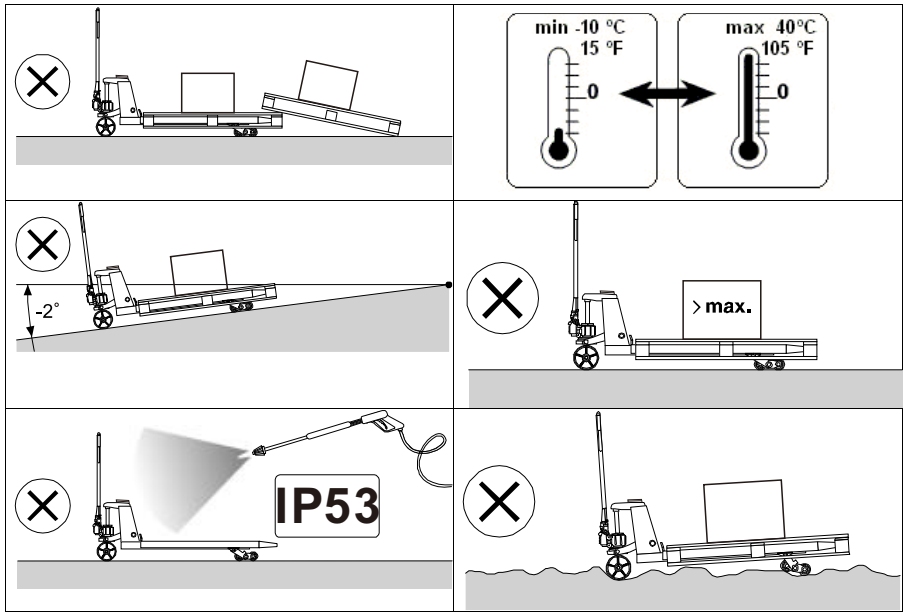
④ If the forks do not elevate when the finger grip control handle is in the Lifting position, turn the nut (2-4) or screw (2-6) counterclockwise until the forks elevate. Then check the function of the Lowering position and Middle position according to items ①,②and③ is normal.



1.Using the Scale Pallet Truck

The truck shall be correctly used to ensure accurate weighing. The following conditions are prohibited in the application.





2.Normal weighing mode

2.1Operating panel

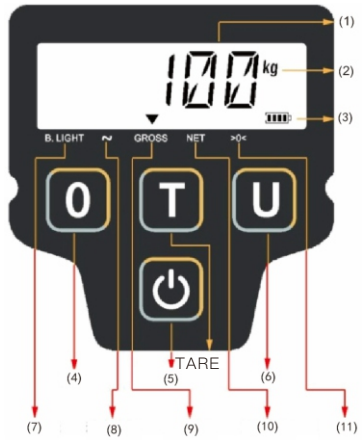


Figure 2-1 Operating panel in Normal Weighing Mode

1 Weight display
2 Unit of measurement
3 Battery level
4 Zero
5 On/Off back light
6 Unit switching
7 Backlight cursor
8 Dynamic cursor
9 Tare cursor
10 Net weight cursor
11 Zero cursor

Note: Abbreviations for the following keys:
Zero key--“0”key
Tare removal key--“T”key
Unit switch key - “U” key
ON/OFF key - “P” key

2.2 Display

If any cargo is placed on the frame, its weight will be displayed after 1 second; once “ dynamic cursor” disappears, value as displayed on the screen will be the weight of the cargo.

2.3 Key function.

①Display function

0 Zero key (“ 0”) ---Reset instrument readings within the permissible range.

T Tare removal key (“T”)---Current weight is taken as the tare weight for tare removal based on the gross weight; whereas the instrument is to be switched over to the net weight for display. Recover the tare weight as deducted at the net weight, and switch the instrument to the gross weight for display.

U Unit switch key (“U”)---It is for cyclic switching of measurement unit among KG, T, OZ and LB, representing “ kilogram” , “ ton” , “ ounce” and “ pound” respectively.

⏻ ON/OFF key (“ P”) ---Once this key is pressed and held for 2 seconds under ON status, “ -----” is to be displayed on the screen before power-off; press the key for a while to turn on the back light in the back light mode. Press the key for a while for start-u

② Combination key function

“U” key + “0” key - Factory reset

“U” key + “T” key - enter the parameter setting mode

3.Parameter setting mode

3.1Operating panel

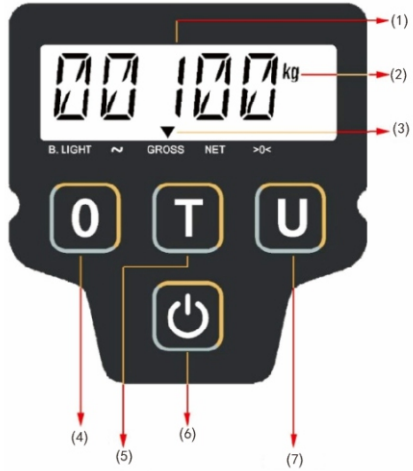


Figure 3-1 Operating panel in parameter setting mode

1 Input value
2 Calibration unit
3 Input cursor
4 Option selection
5 Option confirmation
6 Location switching
7 Option cancellation

Press “ U” key and “ T” key simultaneously in normal display mode to enter the parameter setting mode when “SETUP” is displayed on the screen. The function of the individual key is as follows:

0 “0” key - option selection

T “T” key - option confirmation.

U “U” key——option cancellation

⏻ “P” key - digit switching in calibration mode.

Press “ T” key to confirm entry into parameter setting mode; press “ U” key to cancel parameter setting to enter normal display mode.

3.2Default unit setting

Default unit of the system is kilogram (KG).

The first option in parameter setting mode is default unit setting; when " UNIT" is displayed on the screen, press " T" key to confirm entry into unit setting mode; press "U" key for cancellation to proceed with next setting.

Once default unit setting is confirmed, press "0"key repeatedly for cyclic switching among the units as displayed on the right side of screen: " KG" , " T" , " OZ" and " LB" , representing "kilogram" , " ton" , " ounce" and " pound" respectively; press " T" key to confirm the setting, and proceed with next setting.

3.3Back light mode setting

Default back light mode of the system is OFF; shortly press " P" key to turn on the back light when back light cursor is displayed on the screen in back light mode.

Once default unit setup is completed, proceed with setting of back light; when " BLMOD"is displayed on the screen, press " T" key to confirm back light mode setting; press "U" key for cancellation to proceed with next setting.

Once back light mode setting is confirmed, press " 0" keyfor cyclic switching of items displayed on the screen; " BL ON"and " BL OFF" refer to Back Light On and Off respectively; press "T" key to confirm setting, and proceed with next setting.

3.4Auto Power-off Time Setting

Default auto power-off time of the system is 5 minutes when cargoes remain unchanged.

Proceed with auto power-off time setting once back light mode setting is completed; when " POWTM" is displayed on the screen, press " T" key to confirm entry into auto power-off time setting; press " U" key for cancellation to proceed with next setting.

Once auto power-off time setup is confirmed, press " 0"key for cyclic switching among 1-9, representing auto power-off time (in minute); press " T" key to confirm the setup, and proceed with next setup.

4.Calibration

1. Press "U" key and "T" key simultaneously for Setup mode in normal mode.

2 .Press the "T" key to enter the setup mode

3. Press the "U" key to skip the "unit settings"

4. Press the "U " key to skip the "back light setting"

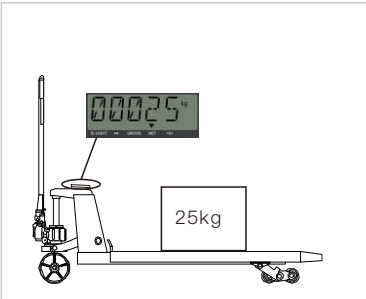
5. Press the "U" key to skip the "power -off time setting"

6. Make sure that here is no cargo on the frame, and Press "T" key to confirm calibration.

7-1. Press “0”key to input values.

7-2. Press “ P " key to adjust the input digit bit.

7-3. Press “0”key to input value of corresponding digit bit.



7-4. Example: Calibration with 25KG counterweight.

8. Complete input, and Press “T” key for confirmation.

9. Calibration is deemed to be completed once “CALOK” is displayed on the screen.

5.Battery replacement

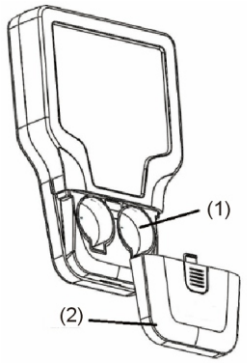


Diagram for disassembly of battery cover

1 Battery holder
2 Battery cover

The instrument uses 2 CR2447 button cells.

As shown in the Figure, slide down instrument battery cover to remove the used battery for replacement; put the new battery into the battery holder, and then close the battery cover.

6.Routine maintenance

- Please check the oil level every six months and change the oil every twelve months. 32 # hydraulic oil is recommended, with total volume of about 0.5 liters.
- Replace the battery in time if power monitoring icon as displayed is blank or data displayed is indistinct.
- It is better not to put the instrument into prolonged outdoor operation in case of rain and snow; prolonged exposure of instrument to the sunshine is strictly prohibited.
- It is applicable to clean the instrument shell with soft and clean cloth in combination with routine washing solvent; never use industrial solvent for cleaning or directly spray it on the instrument surface.
- It is recommended that users check the instrument and sensor regularly to ensure its accuracy during use.

Description of items displayed on the screen

Item	Description
BLMOD	Backlight mode setting
CALBN	Calibration
CALOK	Calibration OK
CANCEL	Cancel parameter setting
FAIL	Plant calibration failed
OUTRG	Out of range
PMODE	Plant calibration mode
POWTIME	Auto power-off time setting
RESET	Factory reset
SS CK	Sensor check
SS OK	Sensor OK
SSERR	Sensor error
SETUP	Parameter setting
TARE	Tare removal
TR ER	Tare removal error
UNTARE	Untare
UNIT	Unit setting
ZERO	Zero
ZR ER	Zero error

1.System halt

This product has received strict testing before delivery and no system halt will occur under normal conditions. Please remove the battery, and refit it again to recover its normal operation in case of system halt.

2.Start-up failure

2.1Turn off the power supply. Disassemble the gauge outfit, and use a voltmeter to measure battery voltage; if the voltage is below 3.5V, it means that battery voltage is extremely low, which may result in start-up failure; replace the old battery with new one in this case.

2.2Disassemble the gauge outfit, and use a voltmeter to measure battery voltage; if the voltage is over 3.5V, just check if the red-black connecting line between battery module and instrument panel is disconnected.

2.3Other problems. Please contact professionals for testing of panel if power supply is normal.

3.Abnormal display

3.1If the sensor is proved to be normal through test, just press the unit switching key to see if the data displayed is normal.

3.2Sensor connection: If display of instrument reading is abnormal, just turn off the instrument and turn on it again to check screen display; if “SSERR” is displayed on the screen following display of “SS CK”, it means that connection of sensor is abnormal; in this case, it is necessary to check if connection between the sensor and instrument panel is normal before contacting professionals to check if sensor output is normal.

3.3Calibration: If abnormal data is still displayed by the instrument following unit switching, just use “unit switching” and “tare removal” in combination to enter the parameter setting mode, and recalibrate at the final setting option (for details, please refer to page 10).

4.Truck failure

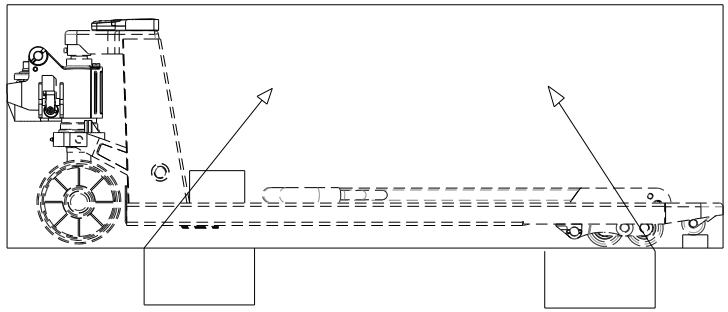
No.	Fault	Possible cause	Action
1	The forks cannot be lifted to max. height	The hydraulic oil is insufficient	Add the hydraulic oil
2	The forks cannot be lifted	▸ The hydraulic oil is insufficient ▸ The hydraulic oil has impurities ▸ Adjusting nut(2-4) or adjusting screw(2-6) in wrong positions ▸ Air enters into the cylinder Seals damaged	▸ Add the hydraulic oil ▸ Change hydraulic oil Adjust nut(2-4) or adjusting screw(2-6) ▸ Put the finger grip handle in the upper position and press the handle dozens of times ▸ Replace the damaged seals with new seals

3	The forks cannot be lowered	▸ Piston rod or the frame is deformed resulting from overloading or cargo slanting to one side ▸ The forks was kept in raised position for extended period of time, then the piston rod is exposed to the air and gets rusted , which blocks the motion of the piston ▸ Adjusting nut(2-4) or adjusting screw(2-6) in wrong positions	▸ Replace the related parts of the cylinder or the frame with new ones ▸ Keep the forks at the lowest position while not in use, and keep piston rods lubricated in time ▸ Adjust nut(2-4) or adjusting screw(2-6)
4	Oil leakage	▸ Seals damaged ▸ Parts damaged	▸ Replace the damaged seals with new seals ▸ Replace the damaged parts with new parts
5	The forks descended without operation	▸ Impurities in the oil cause the valve to be unable to close tightly ▸ Seals damaged ▸ Adjusting nut(2-4) or adjusting screw(2-6) in wrong positions	▸ Change hydraulic oil ▸ Replace the damaged seals with new seals ▸ Adjust nut(2-4) or adjusting screw(2-6)

Note: Do not attempt to repair the pallet truck unless you are trained in the professions.

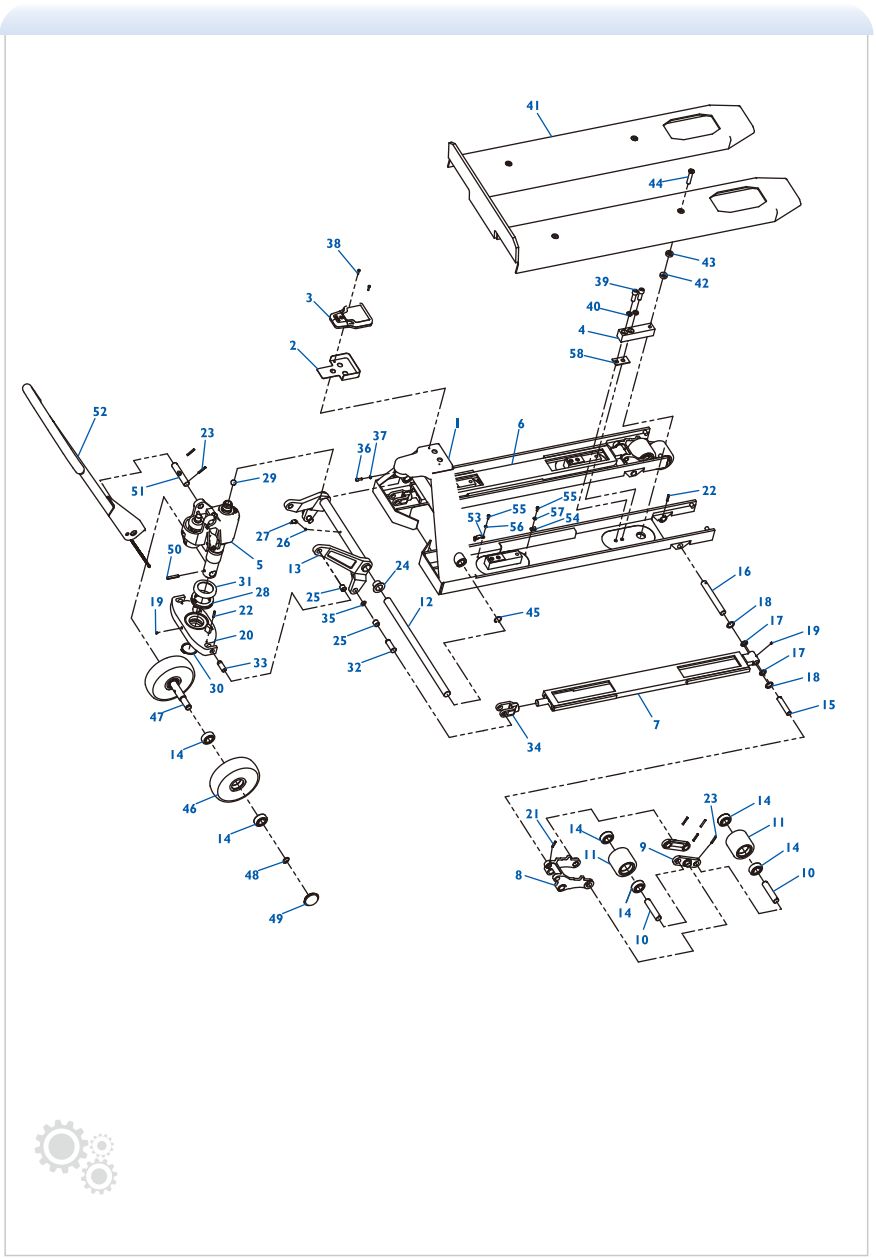
If the truck has to be transported for a long distance, it should be packed in the wooden pallet in order to avoid collision during transportation.

- The handle shall be detached before loading the truck.
- The handle should be fixed stably in case sliding and damages and transported by fork truck or crane.
- Before shipment, the operator should first check the truck weight, in order to choose the right crane. When the truck is unloaded, the operator shall look out for safety around to ensure slow landing of the truck.
- If the truck is transported with the forklift truck, the forklift shall lift and lower it slowly to keep the balance of the truck.
- The truck shall be commissioned according to the following function tests: steering, traveling, braking and combined functions with rated capacity.
- When a truck is inoperative, the cargoes (if applicable) shall be removed with proper tools, the truck shall be transported out of the working zone with a proper way.
- When the truck will be shut down and in storage for a long time, the storage environment shall be kept dry and clean, with forks lowered to their lowest position.



NO.	Parts number	Description	Qty.
1	WC02000192	Frame (560 × 1150), 5012	1
	WC02000207	Frame (685 × 1220), 5012	
2	WC02000204	Metal protective shell (E20V), 5012	1
3	WC04000001	ValueScale outfit assembly	1
4	WC04000002	1TA pressure sensor 1TA assembly, cable length: 130cm	4
5	WC01000006	Cylinder assembly, galvanized	1
6	WC02000194	Left push rod (560 × 1150), 5012	1
	WC02000209	Left push rod (685 × 1220), 5012	
7	WC02000193	Right push rod (560 × 1150), 5012	1
	WC02000208	Right push rod (685 × 1220), 5012	
8	WC02000006	Small wheel carrier, black	2
9	WC02000007	Rocker, galvanized	4
10	WC02000011	Wheel shaft, galvanized	4
11	WC02000160	Iron-core PU wheel ϕ74 × 70, bright red PU, black iron core	4
	WC02000120	Nylon wheel ϕ74 × 70, white	
12	WC02000013	Long shaft(540)	1
	WC02000082	Long shaft(685)	
13	WC02000005	Connecting rod assembly (540), black	1
	WC02000205	Connecting rod assembly (685), black	
14	WC02000022	GB276,Deep groove ball bearing 6204, two-side shielded	12
15	WC02000010	Push rod connecting shaft, galvanized	2
16	WC02000195	Shaft	2
17	WC02000196	Washer, galvanized	4
18	WC02000075	Washer	4
19	WC02000019	JB7940.4, Push-fit type grease nipple 6	3
20	WC02000018	Connecting bracket, galvanized	1
21	WE06000002	GB879.1,Spring type straight pin 5×26, blackening	2
22	WE06000003	GB879.1,Spring type straight pin 5×28, blackening	4
23	WE06000001	GB879.1,Spring type straight pin 5×32, blackening	10
24	WC02000024	Sliding bearing 29×25×25	2
25	WC02000025	Sliding bearing 18×16×15	4
26	WC02000027	GB3452.1,O-ring ϕ5×1.8	1
27	WC02000026	JB7940.2, Angle hydraulic grease nipple M6	1
28	WC02000028	GB301, thrust ball bearing 51111	1

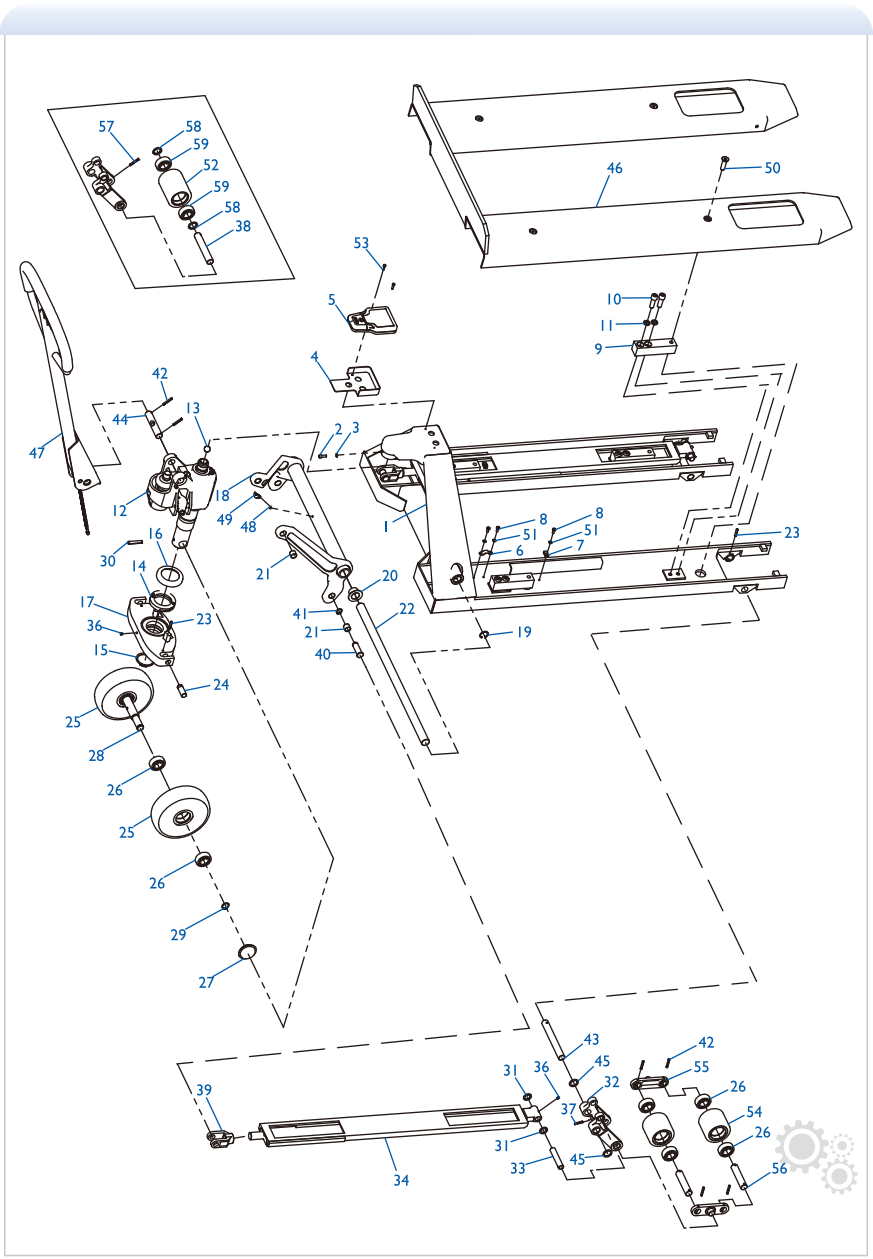
NO.	Parts number	Description	Qty.
29	WC02000020	Gb308, Steel ball S18	1
30	WE07000003	GB894.1,Circlip for shaft 52,blackening	1
31	WC02000015	Dust cover, galvanized	1
32	WC02000012	Bolt pin 2, galvanized	2
33	WC02000014	Bolt pin, galvanized	2
34	WC02000190	Connecting base, galvanized	2
35	WE07000002	GB894.1,Circlip for shaft 16,blackening	2
36	WE03000001	GB70.1, Hexagon socket head cap screw M6 × 16, galvanized	1
37	WE05000001	GB93,Normal type spring lock washer 6, galvanized	1
38	WE03000009	GB70.1, Hexagon socket head cap screw M4×16, galvanized	2
39	WE03000007	GB70.1, Hexagon socket head cap screw M12×35, galvanized	8
40	WE05000006	GB93,Normal type spring lock washer 12, galvanized	8
41	WC02000191	Fork cover(560 × 1150), 5012	1
	WC02000206	Fork cover(685 × 1220), 5012	
42	WC02000202	Bowl-shaped concave washer for sensor	4
43	WC02000198	Bowl-shaped convex washer for sensor	4
44	WC02000201	Screw, M12 × 60	4
45	WE07000001	GB893.1,Circlip for hole 25,blackening	2
46	WC02000199	Aluminium-core PU wheelϕ180×50, bright red PU	2
	WC02000078	Nylon wheel ϕ180 × 50, white	
47	WC02000017	Big wheel shaft, galvanized	1
48	WE07000004	GB894.1,Circlip for shaft 20,blackening	2
49	WC02000016	Big wheel cover, black	2
	WC02000076	Big wheel cover, white	
50	WE06000004	GB879.1,Spring type straight pin 8×45, blackening	1
51	WC02000004	Connecting shaft, galvanized	1
52	WC02000003	Handle, black	1
53	WC02000200	Iron cable clip	2
54	WC02000197	R type cable clip6.5	2
55	WE03000006	GB818,Pan head screw with cross recess M5×12,galvanized	6
56	WE05000004	GB95,Plain washer 5,galvanized	4
57	WE05000004	GB95,Plain washer 5,galvanized	2
58	WC02000774	Washer 53 × 31.8 × 3.5	4



NO.	Parts number	Description	Qty.
1	WC02000851	Frame, 5012	1
2	WE03000001	GB70.1, Hexagon socket head cap screw M6 × 16, galvanized	1
3	WE05000001	GB93,Normal type spring lock washer 6, galvanized	1
4	WC02000204	Metal protective shell (E20V), 5012	1
5	WC04000001	ValueScale outfit assembly	1
6	WC02000200	Iron cable clip	2
7	WC02000197	R type cable clip 6.5	2
8	WE03000006	GB818,Pan head screw with cross recess M5×12,galvanized	6
9	WC04000002	Pressure sensor	4
10	WE03000007	GB70.1, Hexagon socket head cap screw M12×35, galvanized	8
11	WE05000006	GB93,Normal type spring lock washer 12, galvanized	8
12	WC01000011	Cylinder assembly, galvanized	1
13	WC02000020	GB308, Steel ball S18	1
14	WC02000028	GB301, thrust ball bearing 51111	1
15	WE07000003	GB894.1,Circlip for shaft 52,blackening	1
16	WC02000015	Dust cover, galvanized	1
17	WC02000018	Connecting bracket, galvanized	1
18	WC02000205	Connecting rod assembly, black	1
19	WE07000001	GB893.1,Circlip for hole 25,blackening	2
20	WC02000024	Sliding bearing 29×25×25	2
21	WC02000025	Sliding bearing 18×16×15	4
22	WC02000082	Long shaft	1
23	WE06000003	GB879.1,Spring type straight pin 5×28,blackening	4
24	WC02000014	Bolt pin, galvanized	2
25	WC02000199	Aluminium-core PU wheelϕ180×50, bright red PU	2
	WC02000078	Nylon wheel ϕ180 × 50, white	
26	WC02000022	GB276,Deep groove ball bearing 6204, two-side shielded	10
27	WC02000016	Big wheel cover, black	2
	WC02000076	Big wheel cover, white	
28	WC02000017	Big wheel shaft, galvanized	1
29	WE07000004	GB894.1,Circlip for shaft 20,blackening	2
30	WE06000004	GB879.1,Spring type straight pin 8×45, blackening	1
31	WC02000196	Washer, galvanized	4
32	WC02000846	Small wheel carrier, black	2

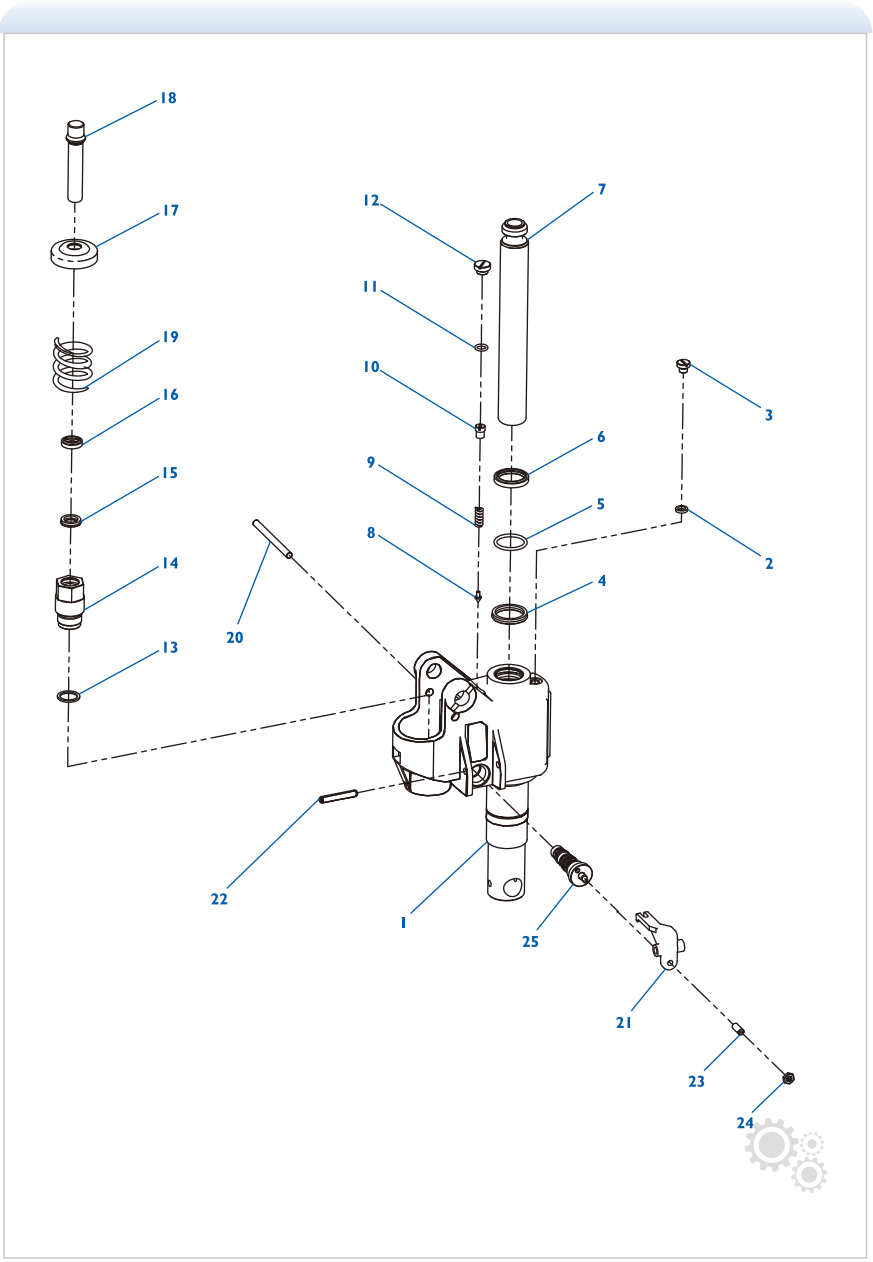
NO.	Parts number	Description	Qty.
33	WC02000010	Push rod connecting shaft, galvanized	2
34	WC02000850	Right push rod, 5012	1
35	WC02000849	Left push rod, 5012	1
36	WC02000019	JB7940.4, Push-fit type grease nipple 6	3
37	WE06000002	GB879.1,Spring type straight pin 5×26,blackening	2
38*	WC02000073	Single wheel shaft, galvanized	2
39	WC02000190	Connecting base, galvanized	2
40	WC02000012	Bolt pin 2, galvanized	2
41	WE07000002	GB894.1,Circlip for shaft 16,blackening	2
42	WE06000001	GB879.1,Spring type straight pin 5×32,blackening	10
43	WC02000195	Shaft	2
44	WC02000004	Connecting shaft, galvanized	1
45	WC02000075	Washer	4
46	WC02000218	Fork cover, 5012	1
47	WC02000003	Handle, black	1
48	WC02000027	GB3452.1,O-ring ϕ5×1.8	1
49	WC02000026	JB7940.2, Angle hydraulic grease nipple M6	1
50	WC02000847	Screw, M12 × 40	4
51	WE05000004	GB95,Plain washer 5,galvanized	6
52*	WC02000074	Iron-core PU wheel ϕ74 × 93, bright red PU, black iron core	2
	WC02000118	Nylon wheel ϕ74 × 93, white	
53	WE03000009	GB70.1, Hexagon socket head cap screw M4×16, galvanized	2
54	WC02000160	Iron-core PU wheel ϕ74 × 70, bright red PU, black iron core	2
	WC02000120	Nylon wheel ϕ74 × 70, white	
55	WC02000007	Rocker, galvanized	2
56	WC02000011	Wheel shaft, galvanized	2
57*	WE06000001	GB879.1,Spring type straight pin 5×32, blackening	2
58*	WC02000075	Washer	4
59*	WC02000022	GB276,Deep groove ball bearing 6204, two-side shielded	4

Note: Marked with "*"are single wheel parts

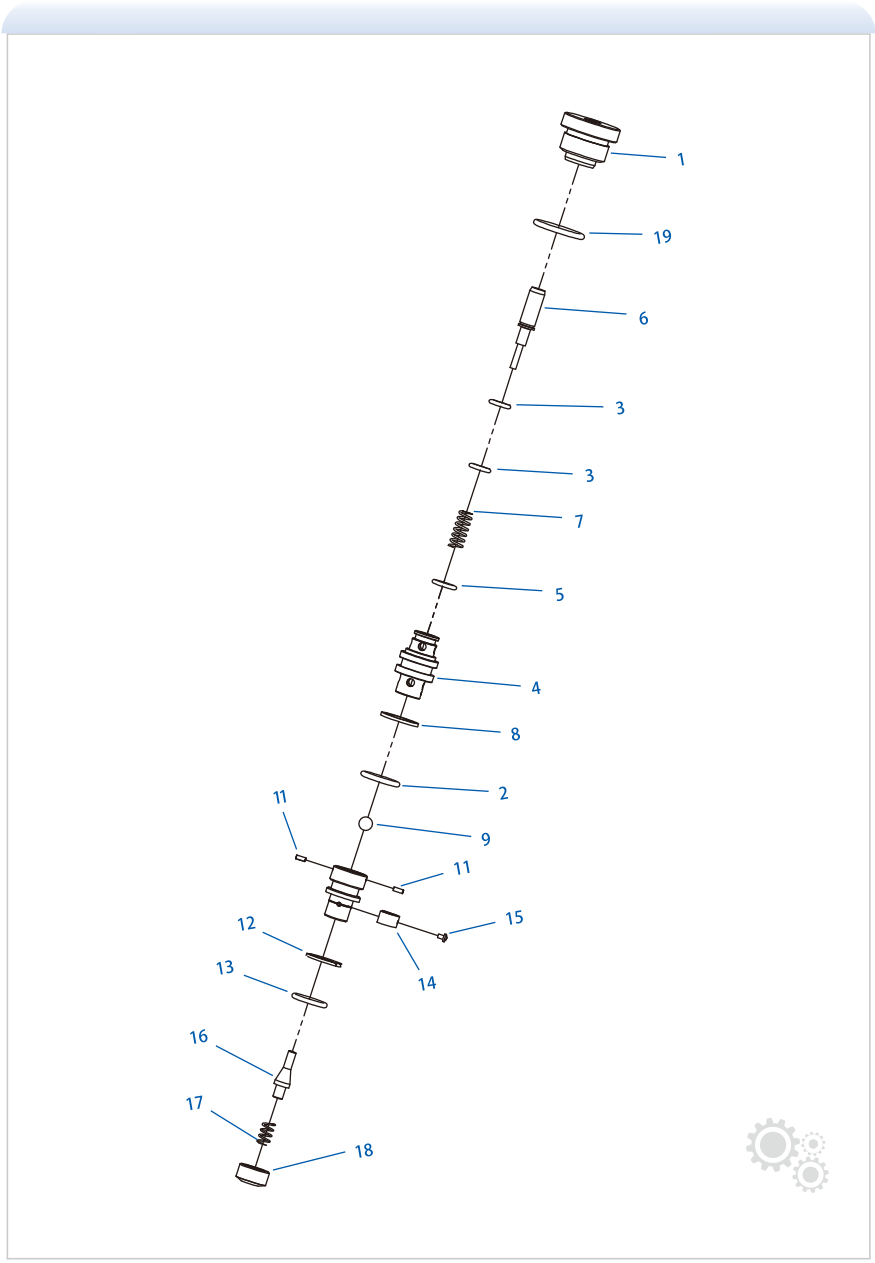


Parts list· Cylinder

NO.	Parts number	Description	Qty.
1	WC02000170	Valve body welded(75), galvanized	1
	WC02000157	Valve body welded(85), galvanized	
2	WC02000060	GB982, Combination sealing gasket 10	1
3	WC02000036	Screw	1
4	WC02000061	Seal ring UHS35	1
5	WC02000059	GB3452.1,O-ringϕ34.5×3.55	1
6	WC02000058	Dustproof ring DH35	1
7	WC02000035	Piston rod	1
8	WC02000045	Safety valve spool	1
9	WC02000046	Pressure adjusting spring	1
10	WC02000038	Pressure adjusting screw	1
11	WC02000071	GB3452.1,O-ring ϕ11.2×2.65	1
12	WC02000037	Screw plug	1
13	WC02000044	Copper gasket	1
14	WC02000039	Pump body	1
15	WC02000064	Seal ring UHS18	1
16	WC02000063	Dustproof ring DH18	1
17	WC02000042	Spring cover	1
18	WC02000041	Pump core	1
19	WC02000043	Pressure spring	1
20	WC02000040	Pin	1
21	WC02000049	Unloading plate, galvanized	1
22	WE06000005	GB879.1,Spring type straight pin 8×50,blackening	1
23	WE03000003	Gb73, Slotted set screws with flat point M8 × 20, galvanized	1
24	WE04000003	GB6172.1, Hexagon thin nut M8, galvanized	1
25	WC01000046	Integrated valve assembly	1



NO.	Parts number	Description	Qty.
1	WC02000051	Push pin sleeve	1
2	WC02000065	GB3452.1,O-ringϕ15.2×2.4	1
3	WC02000067	GB3452.1,O-ringϕ8×1.8	2
4	WC02000053	Return valve sleeve	1
5	WC02000066	GB3452.1,O-ringϕ9.5×1.8	1
6	WC02000050	Stem	1
7	WC02000052	Unloading spring	1
8	WC02000054	O-ring retainer Ⅱ	1
9	WC02000069	GB308,Steel ball S7	1
10	WC02000070	Liquid inlet valve sleeve	1
11	WE06000006	GB117, Copper taper pin 2 × 5	2
12	WC02000055	O-ring retainerl	1
13	WC02000062	GB3452.1,O-ringϕ13.2×2.4	1
14	WC02000048	Spring leaf	1
15	WE03000002	GB818,Pan head screw with cross recess M2×2,galvanized	1
16	WC02000056	Boost valve spool	1
17	WC02000057	Spool spring	1
18	WC02000047	Blind nut	1
19	WC02000068	GB3452.1,O-ring ϕ21.2×2.65	1



Parts list· Handle

NO.	Parts number	Description	Qty.
1	WJ10800014	Handle welded	1
2	WJ10800015	Clamping roller	1
3	WJ10800016	Roller pin	1
4	WJ10800011	Finger grip handle	1
5	WJ10800006	Spring type pin (5)	1
6	WJ10800003	Spring type pin (6)	1
7	WJ10800004	Spring type pin (7)	1
8	WJ10800020	Locking nut	1
9	WJ10800002	Spring type pin (9)	1
10	WJ10800008	Positioning plate	1
11	WJ10800012	Connecting sheet of pull rod	1
12	WJ10800013	Pull rod	1
13	WJ10800018	Chain	1
14	WJ10800019	Adjusting bolt	1
15	WJ10800005	Spring type pin (15)	1
16	WJ10800017	Bushing	1
17	WJ10800009	Torsion spring	1
18	WJ10800010	Plastic roller	1