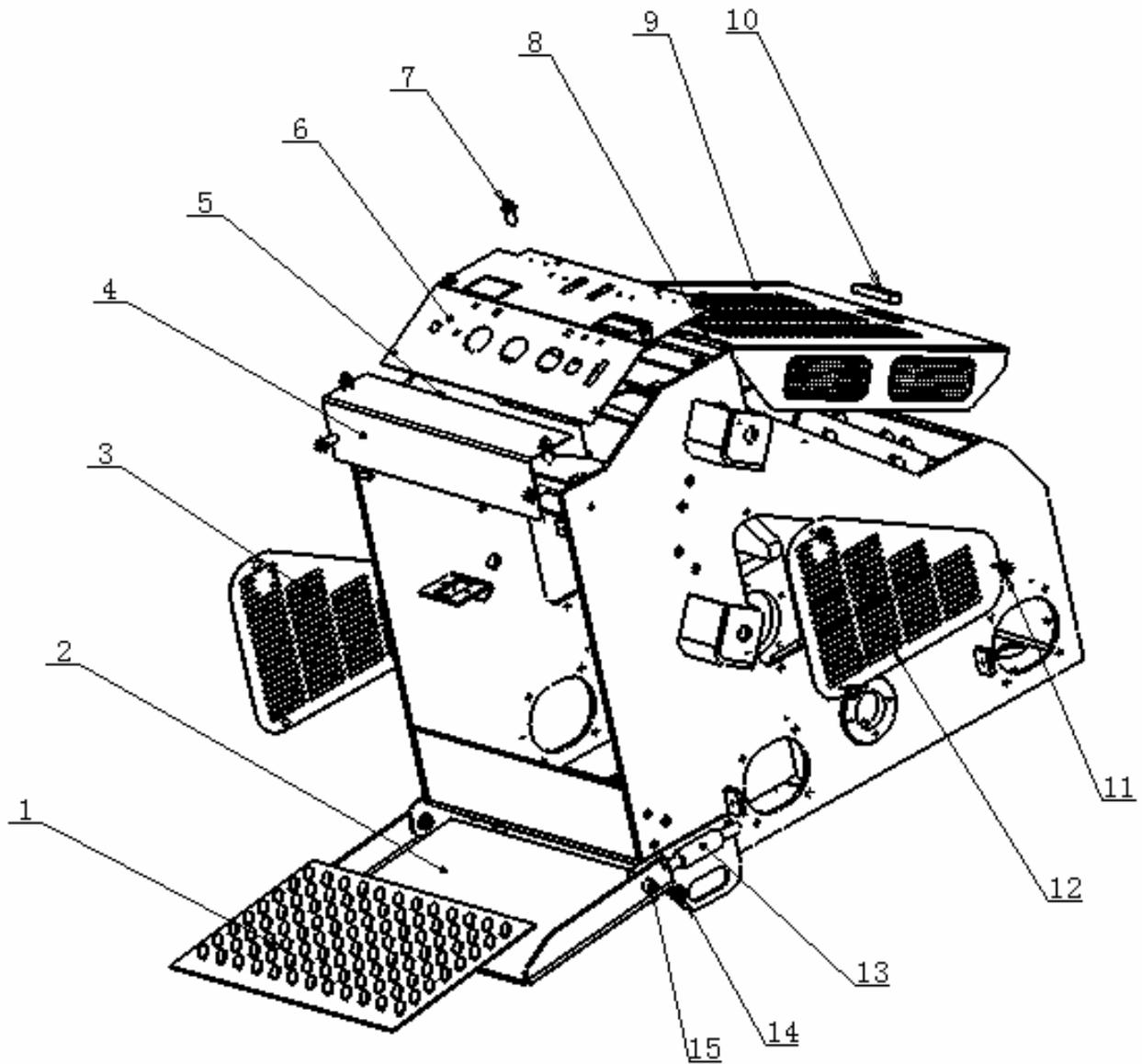
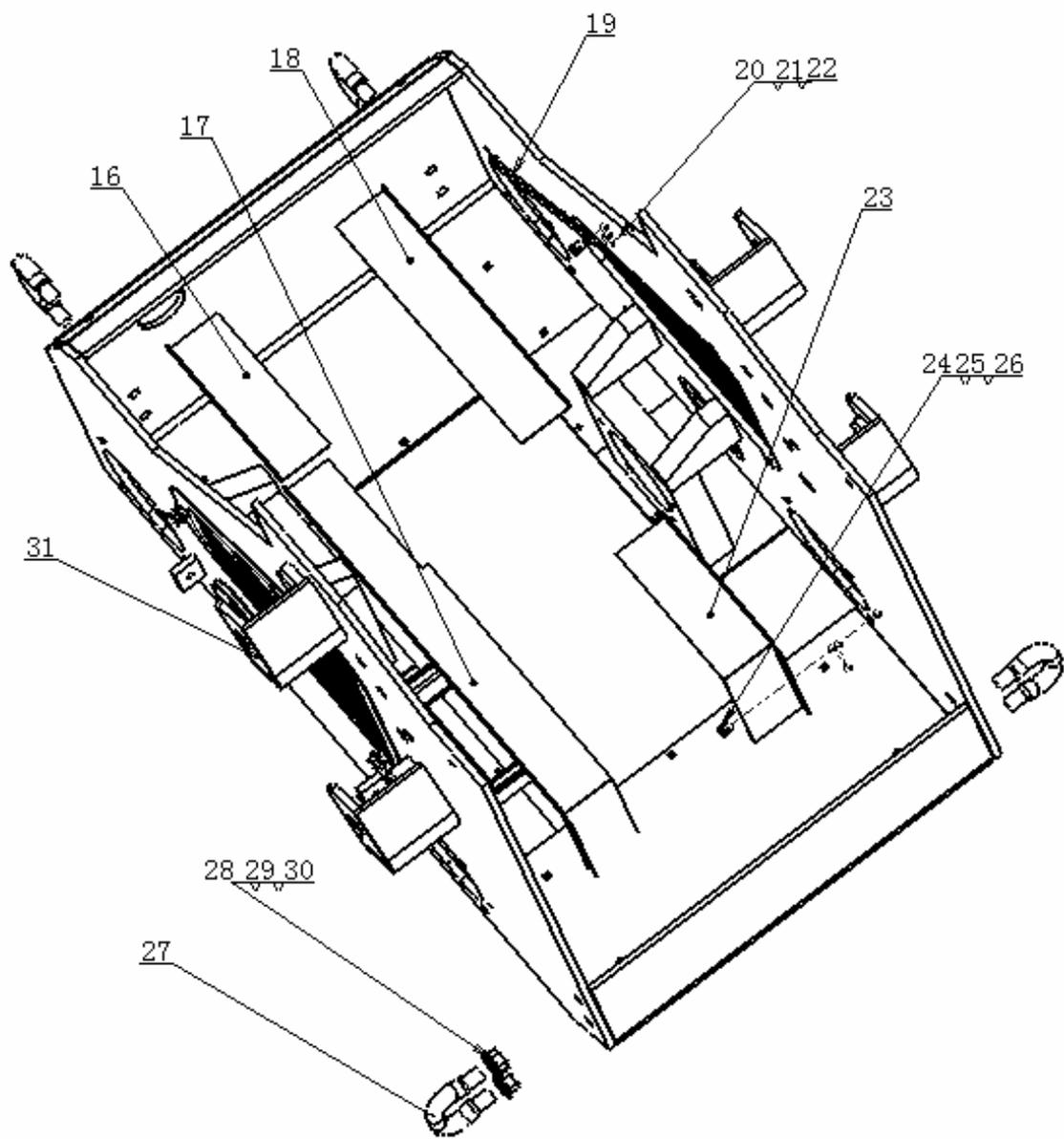


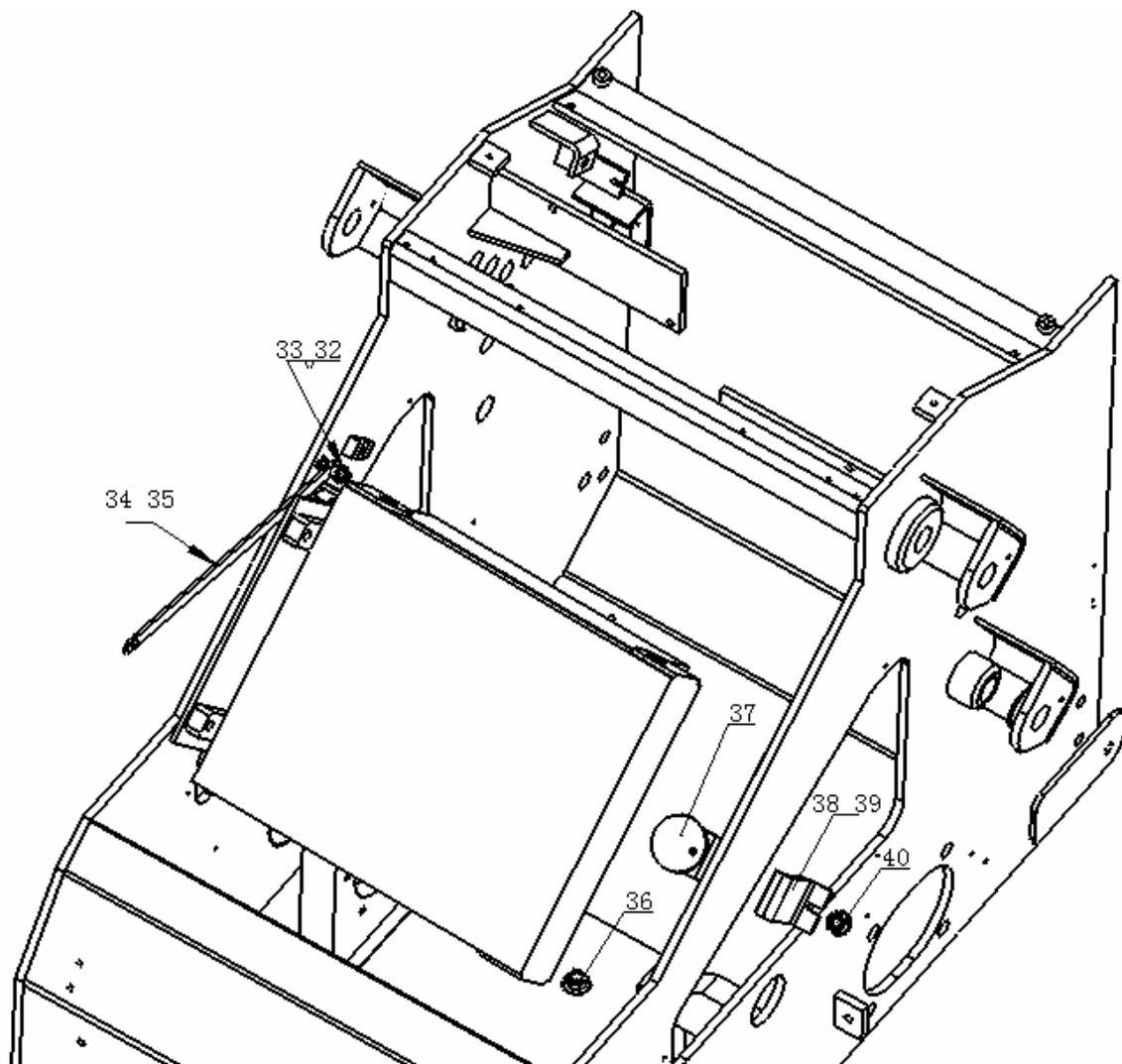
# Table of Contents

1.Body Assy.....	1
2.Transmission Assy.....	5
3.Wheel Assy.....	9
4.Oil Tank Assy.....	12
5.Lift Arm Assy.....	14
6.Attachment Coupler and Bucket.....	15
7.Power System.....	16
8.Radiator Assy.....	19
9.Operation Assy.....	20
10.Electric System.....	22
11.Hydraulic System.....	26

# 1. Body Assy



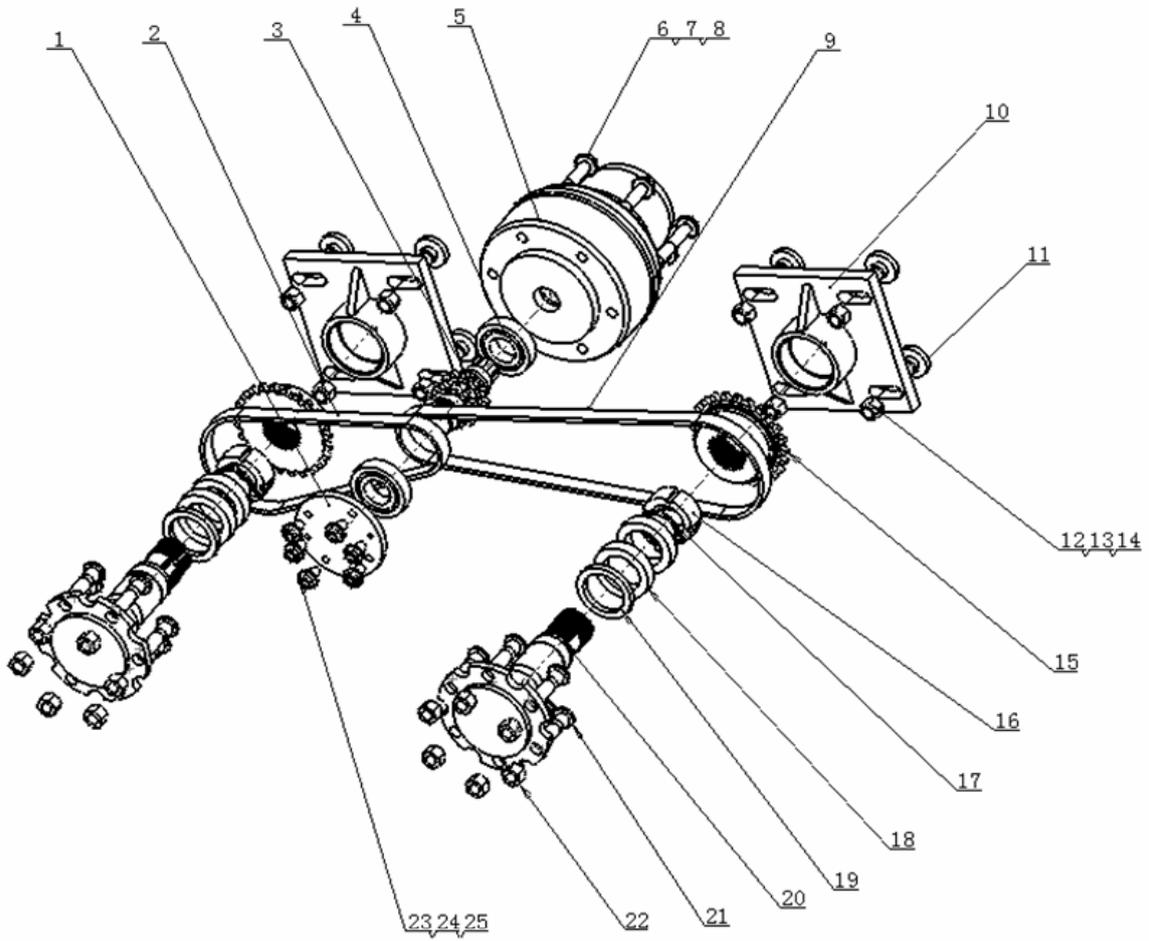




## Body Assy

No	Part No	名称	Description	Q'ty	Remark
1	HY380-010006B	防滑踏板	Skidproof gasket	1	
2	HY380-010007A	脚踏板	Operator platform	1	
3	HY380-014000	左网板焊接	Left Side cover	1	
4	HY380-010002	后护板	Rear cover	1	
5	HY380-010013	后护板边饰条	Edging	1	
6	HY380-017000B-1	仪表面板焊接	Meters board	1	
7	GB/T5787-1986	六角法兰面螺栓 M8*25	Bolt M8*25	6	
8	HY380-017000	合页总成	Hinge	2	
9	HY380-012000	上罩焊接	Upper cover assy	1	
10		上罩锁	Lock, upper cover	1	
11	GB/T5787-1986	六角法兰面螺栓 M6*15	Bolt M6*15	6	
12	HY380-015000	右网板焊接	Right Side cover	1	
13		踏板气弹簧	Air Spring	2	
14	GB/T31.1-1988	六角头螺杆带孔螺栓 M12*45	Bolt M12*45	2	
15	GB/T6179-1986	I型六角开槽螺母 M12	Nut M12	2	
16	HY380-010012B	左侧短链条盒	Left short chain tank	1	
	HY380-010012A	左侧短链条盒	Left short chain tank	1	Optional
17	HY380-010011B	左侧长链条盒	Left long chain tank	1	
	HY380-010011A	左侧长链条盒	Left long chain tank	1	Optional
18	HY380-010008B	右侧长链条盒	Right long chain tank	1	
	HY380-010008A	右侧长链条盒	Right long chain tank	1	Optional
19	HY380-010001	上罩支撑	Support, upper cover	1	
20	GB/T5783-2000	螺栓 M6*20	Bolt M6*20	1	
21	GB/93-1987	弹垫 6	Spring Washer 6	1	
22	GB/T95-2002	平垫 6	Washer 6	1	
23	HY380-010009B	右侧短链条盒	Right short chain tank	1	
	HY380-010009A	右侧短链条盒	Right short chain tank	1	Optional
24	GB/T5783-2000	螺栓 M6*10	Bolt M6*10	9	
25	GB/93-1987	弹垫 6	Spring washer 6	9	
26	GB/T95-2002	平垫 6	Washer 6	9	
27	HY850-010011	挂钩	Hook	4	
28	GB/T6170-2000	螺母 M14	Nut M14	8	
29	GB/T93-1987	弹垫 M14	Spring WasherM14	8	
30	GB/T95-2002	平垫 M14	Washer M14	8	
31	HY380-011000A	车体焊接	Body Assy	1	
32	GB/T5783-2000	螺栓 M6*25	Bolt M6*25	1	
33	GB/T6170-2000	螺母 M6	Nut M6	1	
34	HY380-010001	上罩支撑	Support, upper cover	1	
35	HY380-010025	上罩支撑护套	Sleeve for upper cover support	1	
36	HY380-010032	放油橡胶堵头	Rubber plug for oil release	1	
37	HY380-010043	散热器减震垫	Cushion, radiator	1	
38	HY380-010033A	散热器压板	Support, radiator	1	
39	HY380-010034	散热器压板减震垫	Cushion, radiator support	1	
40		直纹快换螺栓 M6*15	Bolt M6*15	1	

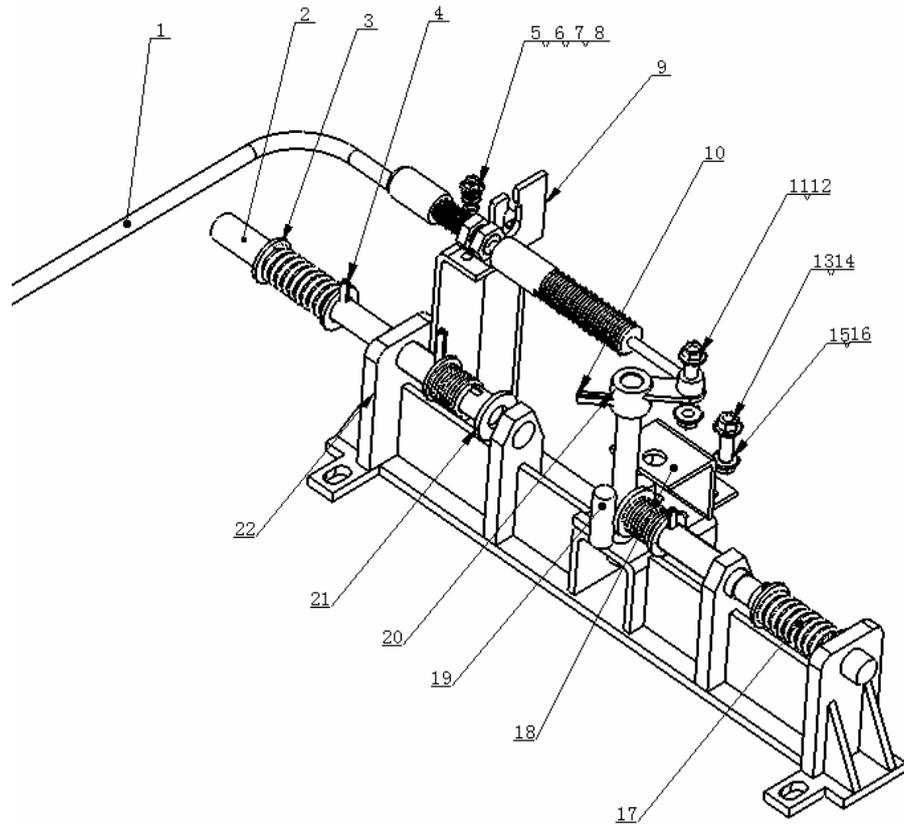
## 2. Transmission Assy



## Transmission Assy

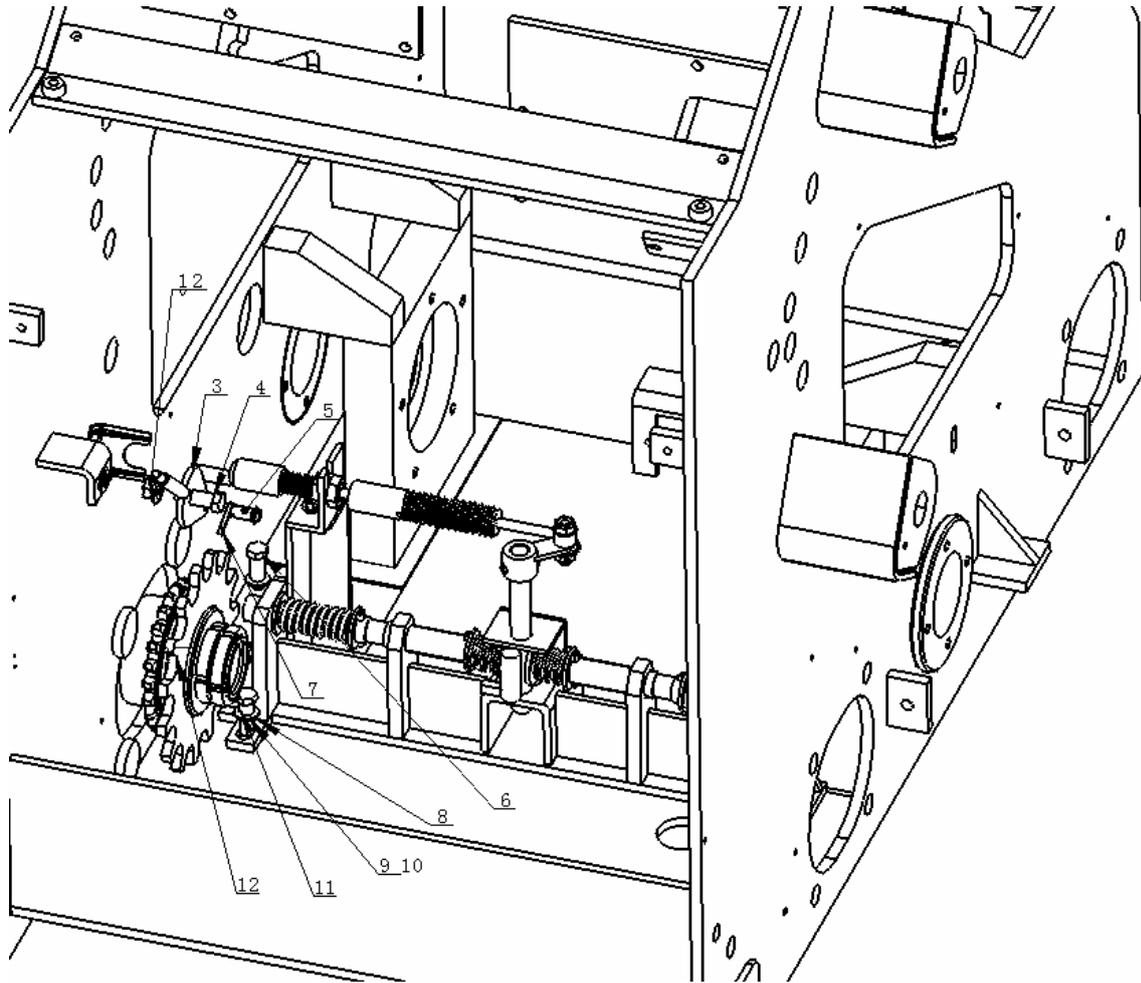
No	Part No	名 称	Description	Q'ty	Remark
1	HY380-060006	轴承座	Bearing support	2	
2	GB/T1243-97	链条 10A-1-48	Chain 10A-1-48	2	
3	HY380-060003	输入轴	Input shaft	2	
4	GB/T276-1994	轴承 6207Z	Bearing 62072	4	
5	INM05-150-I-D40	马达	Motor	2	
6	GB/T5783-2000	螺栓 M12*120	Bolt M12*120	10	
7	GB/93-1987	弹垫 12	Spring washer 12	10	
8	GB/T95-2002	平垫 12	Washer 12	10	
9	GB/T1243-97	链条 10A-1-68	Chain 10A-1-68	2	
10	HY380-062040	支撑套	Support bush	4	
11	HY380-062051	支撑套固定螺栓	Bolt	16	
12	GB/93-1987	弹垫 16	Spring washer 16	16	
13	GB/T95-2002	平垫 16	Washer 16	16	
14	GB/T6170-2000	螺母 M16	Nut M16	16	
15	HY380-060002	大链轮	Big chain wheel	4	
16	GB/T810-1988	圆螺母 M45	Nut M45	4	
17	GB/T858-1988	止推垫片 45	Thrust Washer 45	4	
18	GB/T297-1994	轴承 32910	Bearing 32910	8	
19	GB/T13871-90	油封 72*55*8	Oil seal 72*55*8	4	
20	HY380-060001	输出轴	Output shaft	4	
21	HY380-060004	轮辋螺栓	Bolt , rim	24	
22	HY380-060005	轮辋螺母	Nut, rim	24	
23	GB/T5783-2000	螺栓 M8*25	Bolt M8*25	8	
24	GB/93-1987	弹垫 8	Spring washer 8	8	
25	GB/T95-2002	平垫 8	Washer 8	8	

## Brake assy 1 (Optional)



No	Part No	名称	Description	Q'ty	Remark
1	HY380-060014A	制动软轴	Brake Line	1	
2	HY380-060012	制动轴	Brake shaft	2	
3	GB/T848-1985	小垫圈 20	Washer 20	6	
4	GB/T879.1-2000	弹性销 5*32	Spring pin 5*32	4	
5	GB/T5782-2000	螺栓 M6*20	Bolt M6*20	2	
6	GB/T93-1987	弹垫 6	Spring washer 6	2	
7	GB/T95-1985	平垫 6	Washer 6	2	
8	GB/T6170-2000	螺母 M6	Nut M6	2	
9	HY380-060018	软轴隔板	Brake line support	1	
10	GB/T879.1-2000	弹性销 6*32	Spring Pin 6*32	1	
11	GB/T5782-2000	螺栓 M8*30	Bolt M8*30	1	
12	GB/T6182-2000	自锁螺母 M8	Lock nut M8	1	
13	GB/T5782-2000	外六角螺栓 M8*30	Bolt M8*30	2	
14	GB/T95-1985	平垫 8	Washer 8	2	
15	GB/T93-1987	弹垫 8	Spring washer 8	2	
16	GB/T6170-2000	螺母 M8	Bolt M8	2	
17	HY380-060013	制动弹簧	Brake spring	4	
18	HY380-060019	扭杆导向座	Wrest pole guide	1	
19	HY380-066000	扭杆焊合	Wrest pole	1	
20	HY380-068000	扭杆轴套焊合	Sleeve for wrest pole	1	
21	HY380-065000	套筒焊合	Sleeve	2	
22	HY380-067000	制动轴座	Brake shaft support	1	

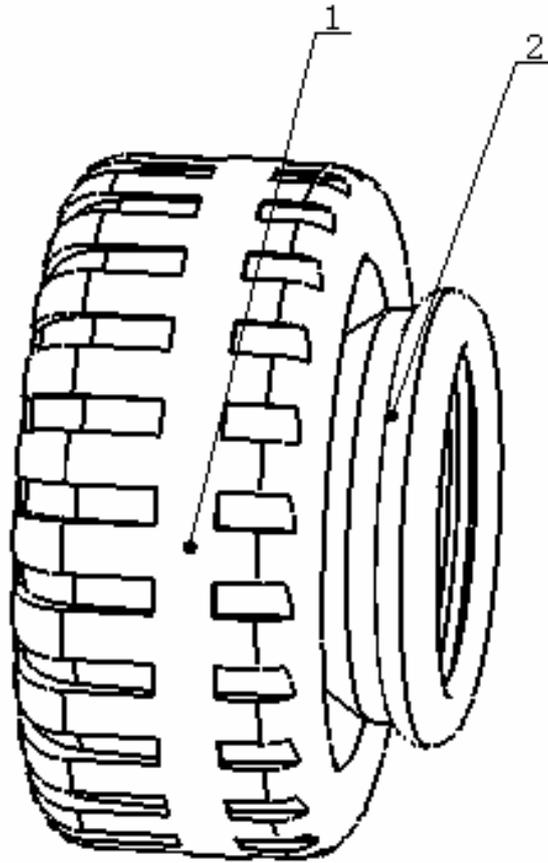
## Brake assy 2 (Optional)



No	Part No	名称	Description	Q'ty	Remark
1	GB/T6182-2000	自锁螺母 M10	Lock Nut M10	1	
2	HY850-090011	碟形垫圈	Washer	2	
3	HY380-094000	操纵手柄焊合	Brake handle	1	
4	GB/T5782-2000	外六角螺栓 M10*35	Bolt M10*35	1	
5	GB/T882-2000	销轴 (B 型) 8*22	Pin (B type) 8*22	1	HY380-060021
6	GB/T5782-2000	螺栓 M12*30	Bolt M12*30	2	
7	GB/T91	开口销 3*25	Hatch Pin 3*25	1	
8	GB/T5782-2000	螺栓 M12*35	Bolt M12*35	2	
9	GB/T95-1985	平垫 12	Washer 12	4	
10	GB/T93-1987	弹垫 12	Spring washer 12	4	
11	GB/T6184-2000	I 型全金属六角锁紧螺母 M12	I type lock nut M12	4	
12	HY380-064000	后链轮焊合	Rear sprocket	2	

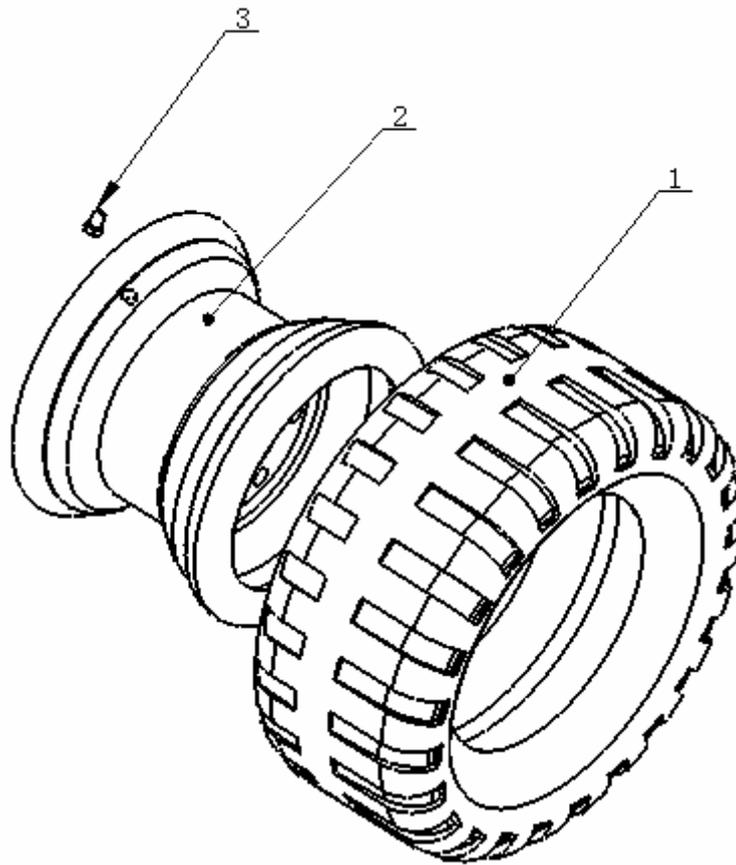
### 3. Wheel Assy

#### 3.1 Wheel Assy (standard)



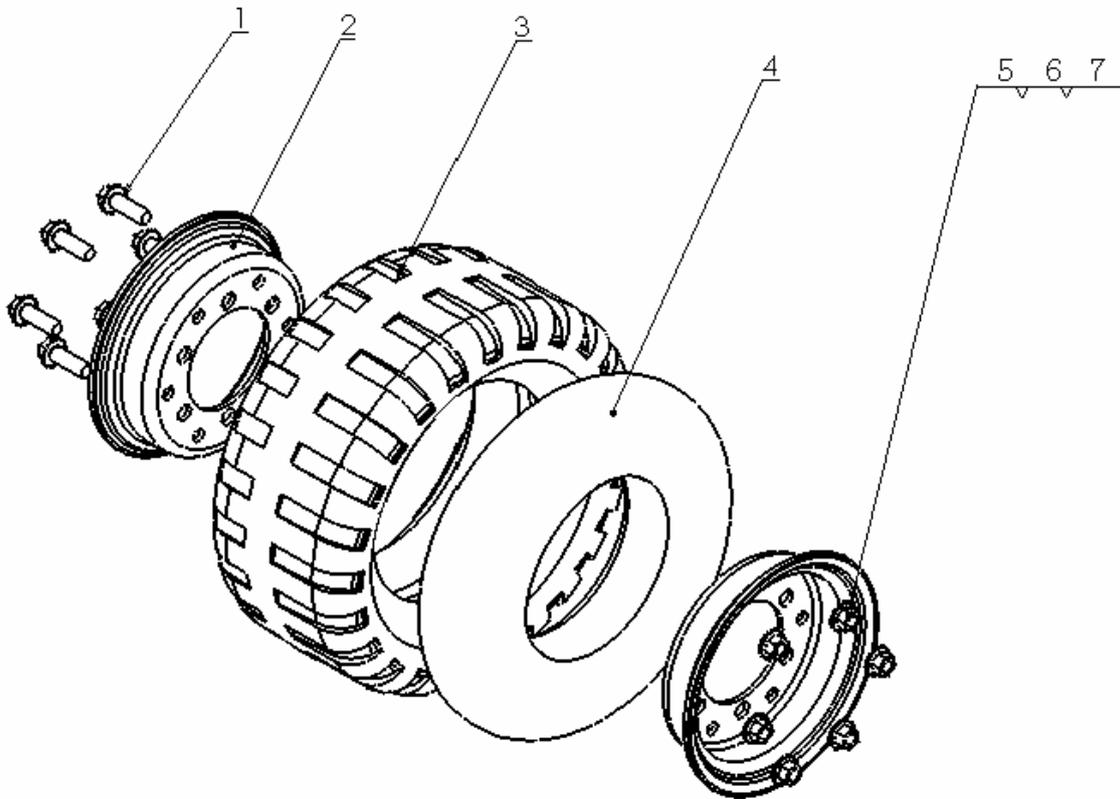
No	Part No	名称	Description	Q'ty	Remark
1	16*6-8	实心胎	Solid tyre	4	
2	HY380-061000B	实心胎轮辋	Rim for Solid tyre	4	

### 3.2 Wheel Assy (Optional 1)



No	Part No	名称	Description	Q'ty	Remark
1	KT-302 6P/TL	加宽胎	Turf tyre	4	
2	HY380-061000	加宽真空胎轮辋	Rim for Turf tyre	4	
	18*8.5-8	人字形工程胎	Chevron tyre	4	Optional
3	TR413	气门嘴	Valve of tyre	4	

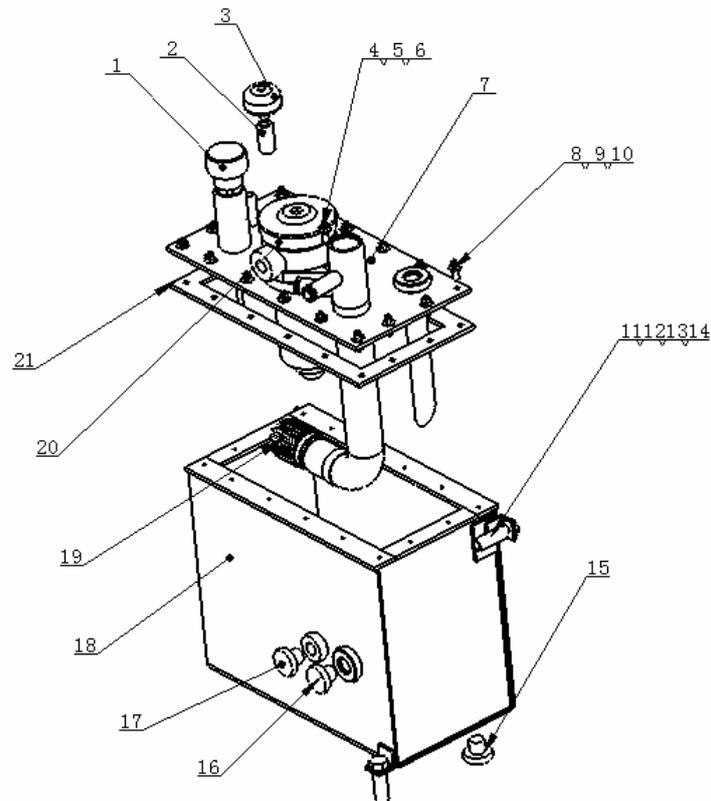
### 3.3 Wheel Assy (Optional 2)



No	Part No	名称	Description	Q'ty	Remark
1	GB/T5783-2000	螺栓 M12*30	Bolt M12*30	24	
2	HY380-061000A	轮辋	Rim	8	
3	5.00-8	外轮胎	Narrow Tyre	4	
4		内轮胎	Tube	4	
5	GB/T5783-2000	螺栓 M12*30	Bolt M12*30	24	
6	GB/93-1987	弹垫 12	Spring washer 12	24	
7	GB/T95-2002	平垫 12	Washer 12	24	

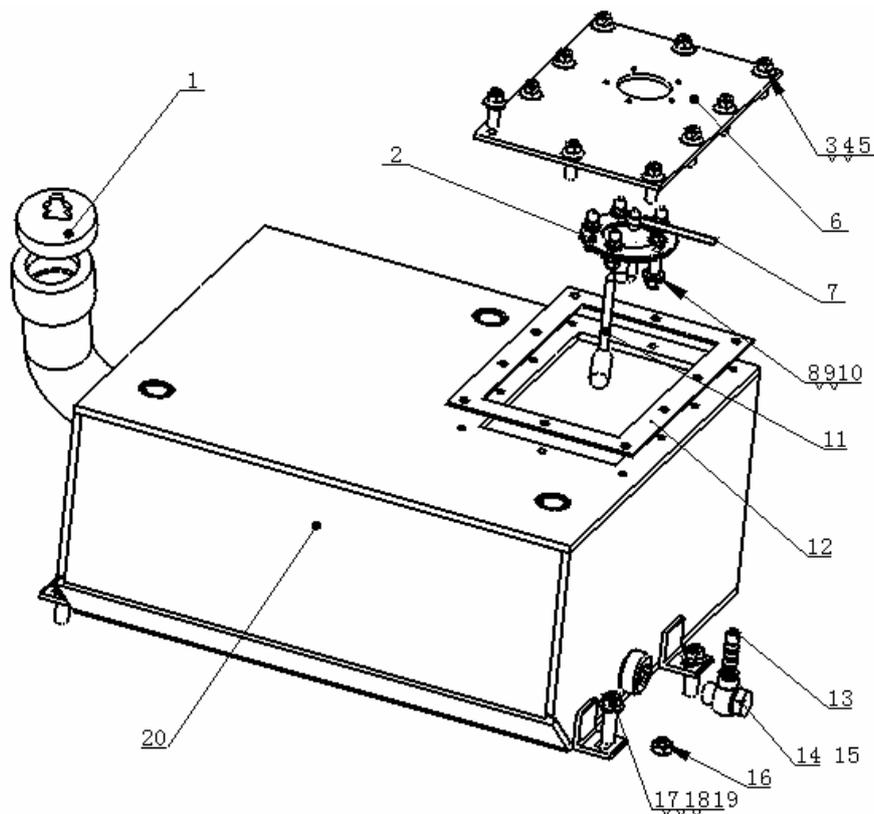
## 4. Oil Tank

### 4.1 Hydraulic oil tank



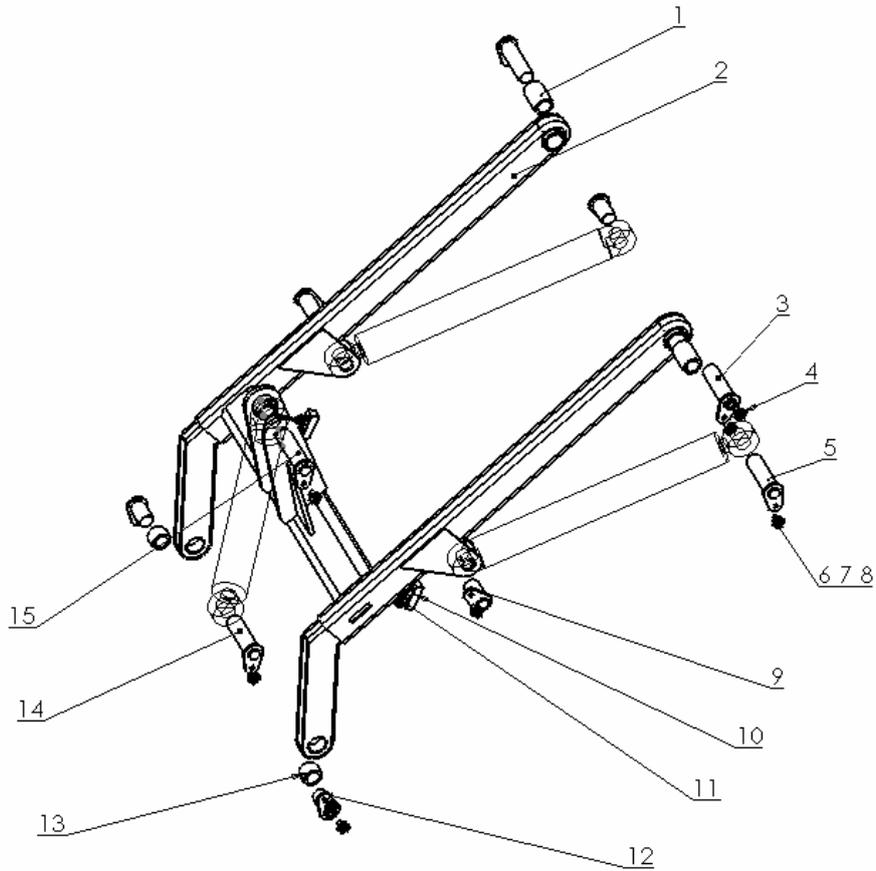
No	Part No	名称	Description	Q'ty	Remark
1	HY380-070010	液压油箱加油盖	Cap, hydraulic oil tank	1	
2	HY380-070005	空气滤清器连接管	Air Cleaner Connect tube	1	
3	HY380-070020	空气滤清器	Air Cleaner	1	
4	GB/T70.1-2000	内六角圆柱头螺钉 M10*35	Screw M10*35	2	
5	GB/T95-2002	平垫 10	Washer 10	2	
6	GB/T93-1987	弹垫 10	Spring Washer 10	2	
7	HY380-072000A	液压油箱盖焊合	Hydraulic oil tank cover	1	
8	GB/T5783-2000	螺栓 M6*20	Bolt M6*20	16	
9	GB/T95-2002	平垫 6	Washer 6	16	
10	GB/T93-1987	弹垫 6	Spring washer 6	16	
11	GB/T5783-2000	螺栓 M8*30	Bolt M8*30	3	
12	GB/T98-2002	平垫 8	Washer 8	3	
13	GB/T93-1987	弹垫 8	Spring Washer 8	3	
14	GB/T6170-2000	螺母 M8	Nut M8	2	
15	4TN-12	螺堵 RC3/4	Bolt RC3/4	1	
16	HY380-110300	温控开关	Temperature control switch	1	
17	HY380-110400	油温传感器	Temperature Sensor	1	
18	HY380-071000A	液压油箱焊合	Hydraulic tank	1	
19	WU160*80	滤油器	Oil Filter	1	
20	QYL-100*10	回油滤清器	Return Oil Filter	1	
21	HY380-070001	液压油箱盖垫	Washer for hydraulic oil tank cap	1	

## 4.2 Fuel tank



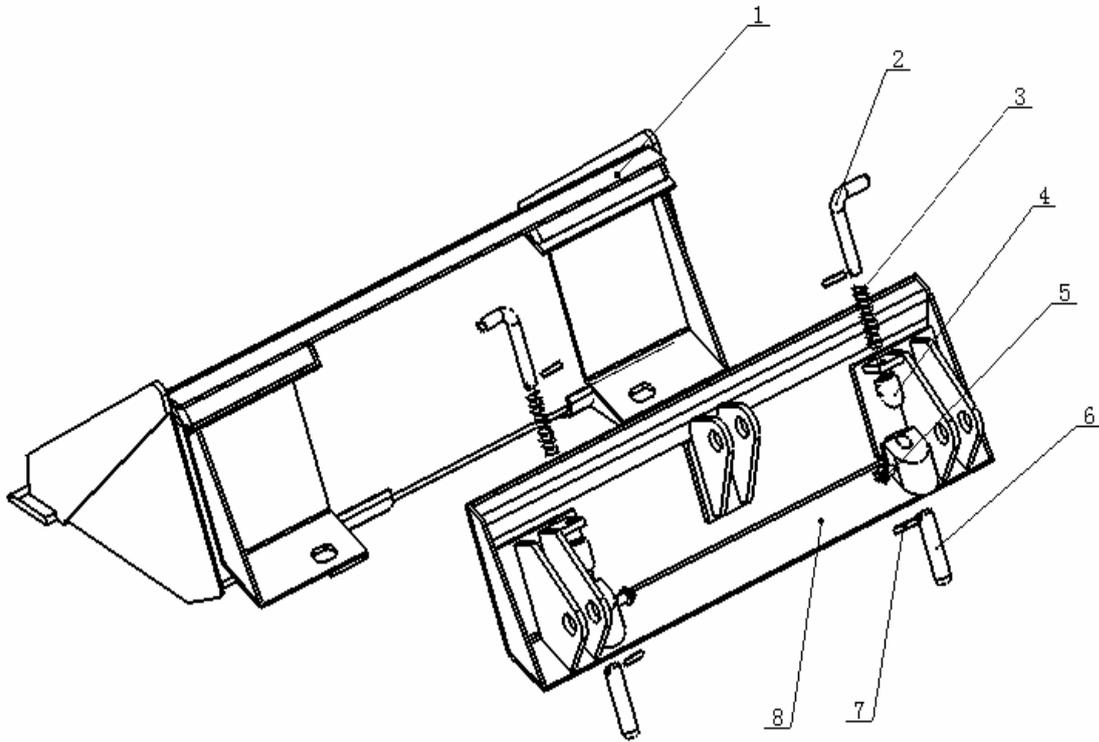
No	Part No	名称	Description	Q'ty	Remark
1	ZD125	燃油箱盖	Cap, fuel tank	1	
2		油量传感器密封垫	Washer, Fuel Sensor	1	油量传感器自带
3	GB/T5783-2000	螺栓 M6*15	Bolt M6*15	10	
4	GB/T95-2002	平垫 6	Washer 6	10	
5	GB/T93-1987	弹垫 6	Spring Washer 6	10	
6	HY380-070003	燃油箱盖板	Cover Board	1	
7		油量传感器线束	Cable, Fuel Sensor	1	
8	GB/T5783-2000	六角头螺栓全螺纹 M5*15	Bolt M5*15	5	
9	GB/T95-2002	平垫 5	Washer 5	5	
10	GB/T93-1987	弹垫 5	Spring 5	5	
11	HY380-110100A	油量传感器	Fuel Sensor	1	
12	HY380-070003	燃油箱盖板垫	Gasket,Cover Board	1	
13	S70011-14-05	M14*1.5 公制铰接体	M14*1.5 公制铰接体	1	
14	700M-14	M14 公制铰接螺栓	M14 Bolt	1	
15		组合垫 14	Gasket14	2	
16	4TN-12	螺堵 RC3/4	Plug RC3/4	1	
17	GB/T5783-2000	螺栓 M8*20	Bolt M8*20	4	
18	GB/T95-2002	平垫 6	Washer 6	4	
19	GB/T93-1987	弹垫 6	Spring Washer 6	4	
20	HY380-073000A	燃油箱焊合	Fuel Tank	1	

## 5. Lift Arm Assy



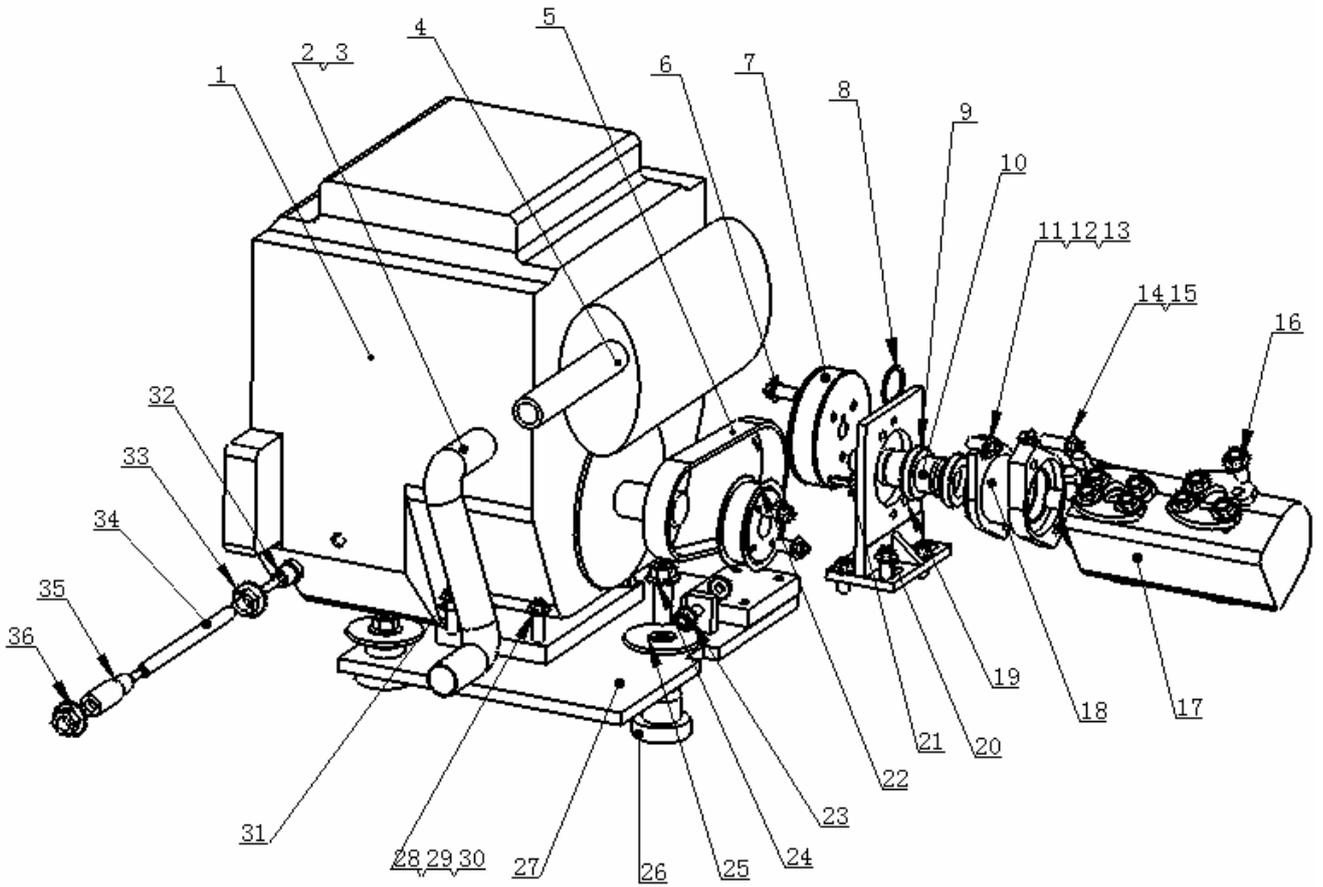
No	Part No	名称	Description	Q'ty	Remark
1	HY380-020003	臂架套	Bush	2	
2	HY380-021000	臂架焊接	Lift arm assy	1	
3	HY380-023000	臂架销焊接	Pin ,lift arm	2	
4	GB/T1152-2000	油杯 M10*1	Oil cup M10*1	4	
5	HY380-026000	缸架销焊接	Pin shaft ,cylinder support	2	
6	GB/T5782-2000	螺栓 M8*25	Bolt M8*25	10	
7	GB/T93-1987	垫圈 8	Washer 8	10	
8	GB/T95-2002	垫圈 8	Washer 8	10	
9	HY380-022000	举臂销焊接	Pin shaft, lift arm	2	
10	HY380-020001	工作臂限位块	Stop block, lift arm	2	
11	GB70-85	内六角螺栓 M8*20	Bolt M8*20	4	
12	HY380-024000	斗臂销焊接	Pin shaft, bucket arm	2	
13	HY380-020002	斗臂套	Bush, bucket arm	2	
14	HY380-025000	斗缸销焊接	Pin shaft, bucket arm	2	
15	HY380-027000	中间销焊接	Pin shaft, middle	1	

## 6. Attachment Coupler and Bucket



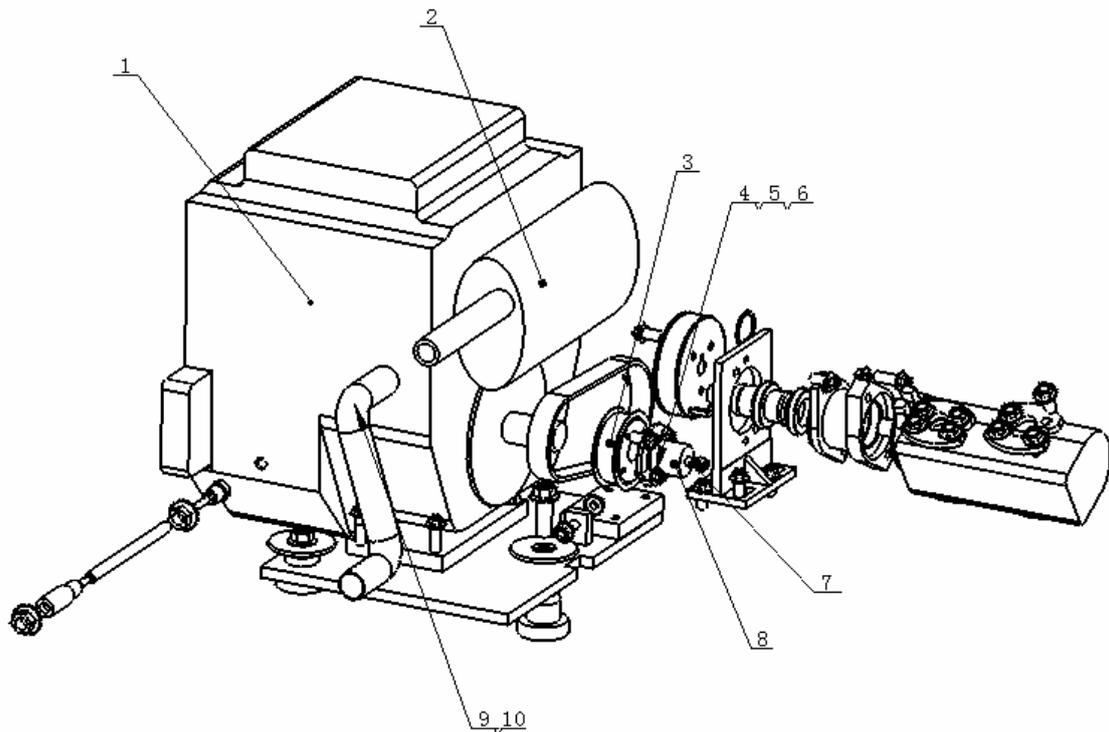
No	Part No	名称	Description	Q'ty	Remark
1	HY380-051000	铲斗焊合	Bucket	1	
2	HY380-030003	手柄	Handle	2	
3	HY380-030002	弹簧	Spring	2	
4	HY380-030001	连接座	Connecting seat	2	
5	GB/T1152-2000	油杯 M10*1	Nipple, lube M10*1	2	
6	HY380-030004	插销	Pin	2	
7	GB/T879.1-2000	连接销 4*30	Connect pin 4*30	4	
8	HY380-031000	挂架焊合	Coupler	1	

## 7. Power System



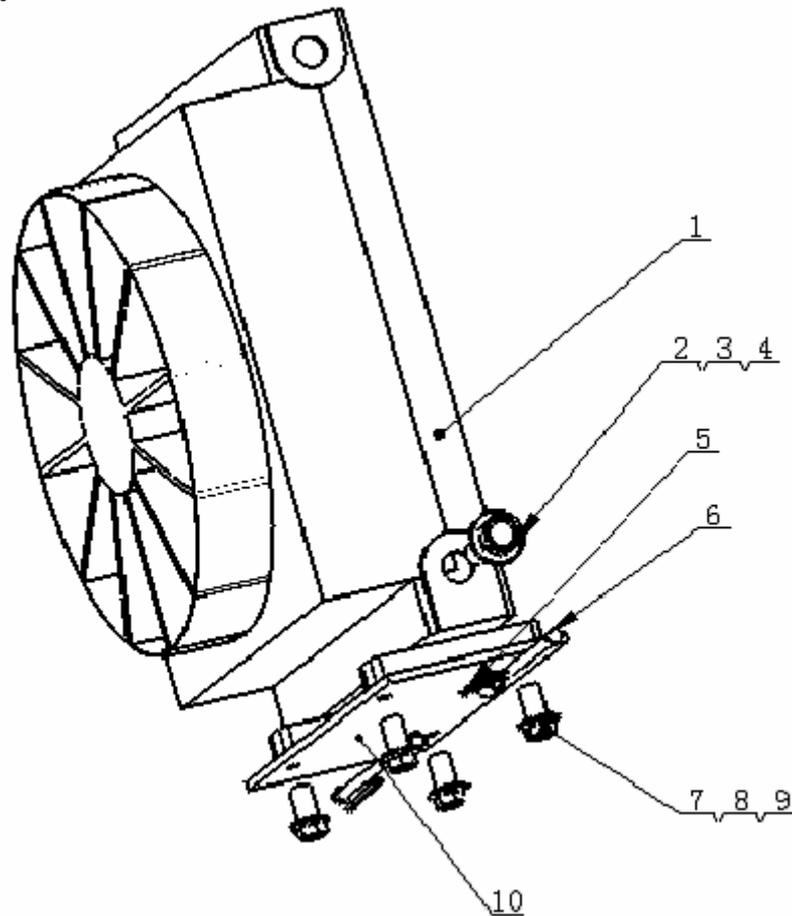
No	Part No	名称	Description	Q'ty	Remark
1		21HP 百利通直轴发动机	21HP B&S Engine	1	
		科勒发动机	Kohler engine	1	Optional
2	HY380-0450001B	消声器接管	Muffler Connector	1	
	HY380-045001	消声器接管（自制消声器用）	Muffler Connector	1	Optional
3	32-35	T 型实心强力喉箍	T type solid Clip	1	
4		消声器	Muffler	1	百利通自带
	HY380-045000X	进口消声器	Imported muffler		Optional
5	640-8M-25	同步带	Belt	1	
6	GB/T5782-2000	M10*20	Bolt M10*20	4	
7	HY380-047000A	长源双联齿轮泵同步带轮	Belt wheel	1	
8	GB/T894.1	轴用挡圈 35	Circlip 35	1	
9	GB/T276-1994	轴承 61907-Z	Bearing 61907-Z	2	
10	HY380-040023	连接轴	Connect shaft	1	
11	GB/T5782-2000	螺栓 M10*25	Bolt M10*25	2	
12	GB/T93-1987	弹垫 10	Spring Washer 10	24	
13	GB/T95-2002	平垫 10	Washer 10	24	
14	GB/T5782-2000	螺栓 M10*45	Bolt M10*45	2	
15	GB/T6170-2000	螺母 M10	Nut M10	3	
16	GB/T5786-2000	螺栓 M10*1.25*30（8.8 级）	Bolt M10*1.25*30	16	
17		双联齿轮泵	Gear pump	1	
18	HY380-049000	连接套焊接	Connect sleeve	1	
19	HY380-043000A	泵支架焊接	Pump Bracket	1	
	HY380-043000	泵支架焊接	Pump Bracket	1	Optional
20	GB/5782-2000	螺栓 M10*30	Bolt M10*30	4	
21	GB/T1096-2003	键 A 6*6*28	Key A 6*6*28	1	
22	HY380-046000A	百利通发动机直轴皮带轮	Belt wheel,B&S engine	1	
	HY380-046000C	发动机同步带轮（科勒）	Belt wheel,Kohler engine	1	Optional
23	GB/T5782-2000	螺栓 M10*40	Bolt M10*40	1	
24	GB/T5782-2000	螺栓 M16*70（8.8 级）	Bolt M16*70(8.8 grade)	3	
25	GB/T5782-2000	特大垫圈 16-C 级	Big Washer 16-C grade	3	
26	HY380-040200	减震块	Cushion	3	
27	HY380-044000B	发动机底板焊接（百利通）	Engine under plate(B&S)	1	
	HY380-044000X	发动机底板焊接（科勒）	Engine under plate(Kohler)	1	Optional
28	GB/T5782-2000	螺栓 M8*50	Bolt M8*50	2	
29	GB/T93-1987	弹垫 8	Spring Washer 8	4	
30	GB/T95-2002	平垫 8	Washer 8	4	
31	GB/T5782-2000	螺栓 M8*40	Bolt M8*40	2	
32	HY380-042000X	发动机放油接头	Joint for oil drain, engine	1	
33		钢带型弹性喉箍 12	Spring Clamp 12	2	
34	HY380-040005	放油胶管	Pipe for oil drain	1	
35	HY380-041000	车体放油接头	Joint for oil drain, body	1	
	GB/T6172.1-2000	六角薄螺母 M18*1.5	Nut M18*1.5	1	
36	HY380-04004X	螺堵	Bolt	1	

## 7.1 Power System Optional



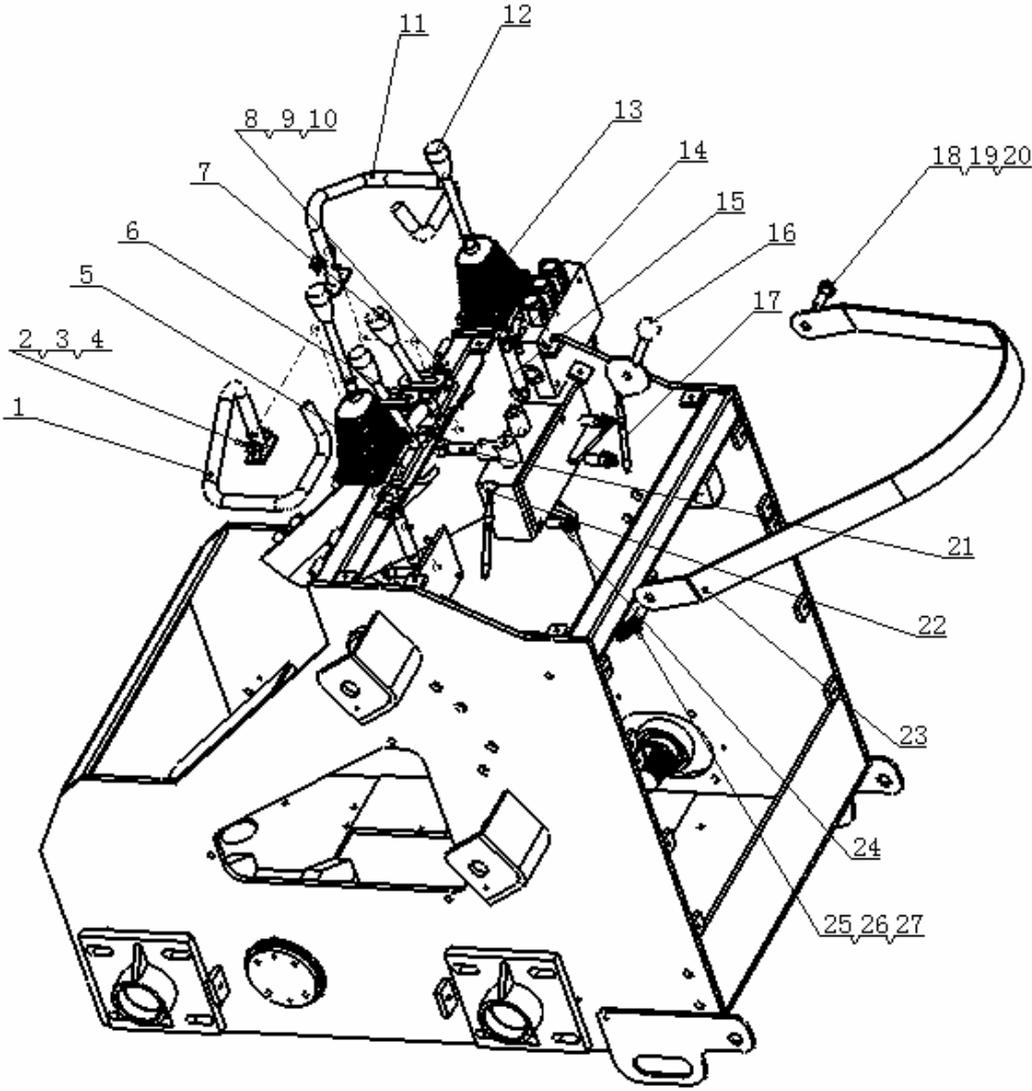
No	Part No	名称	Description	Q'ty	Remark
1		20HP 百利通锥轴发动机	20 HP B&S engine	1	
2	HY380-045000A	百利通消声器（自制）	B&S Muffler	1	
3	HY380-046000	发动机同步带轮（百利通锥轴）	Belt wheel	1	
4	GB/T5782-2000	螺栓 M8*40	Bolt M8*40	4	
5	GB/T93-1987	弹垫 8	Spring Washer 8	4	
6	GB/T95-2002	平垫 8	Washer 8	4	
7	HY380-040008	发动机螺栓	Bolt	1	
8	HY380-040007	发动机隔套	Engine Sleeve	1	
9	HY380-045001	消声器接管（自制消声器用）	Muffler connector	1	
10	32-35	T 型实心强力喉箍	T type solid clip	1	

## 8. Radiator Assy



No	Part No	名称	Description	Q'ty	Remark
1	HY380-083000	散热器总成	Radiator assy	1	
2		螺堵	Plug	1	
3		铜垫	Washer	1	
4		弹垫	Spring washer	1	
5	GB/T91-2000	开口销 2.5*25	Split pin 2.5*25	2	
6	HY380-080002	散热器连接销	Pin, radiator	2	
7	GB/T5782-2000	螺栓 M10*35	Bolt M10*35	4	
8	GB/T93-1987	垫圈 10	Washer 10	4	
9	GB/T95-2002	垫圈 8	Washer 8	4	
10	HY380-084000	散热器固定座	Fixing seat	1	

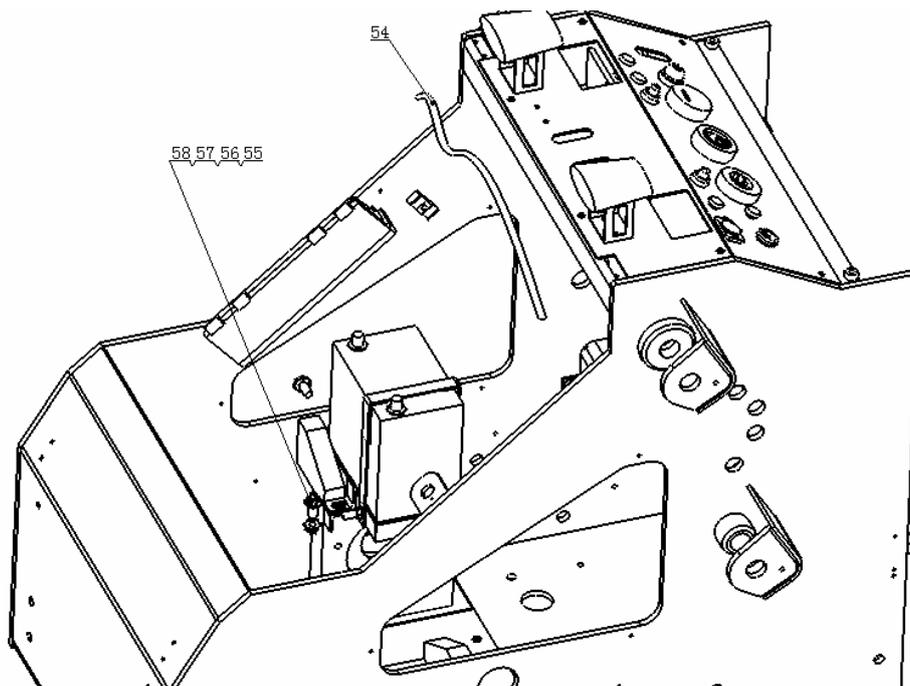
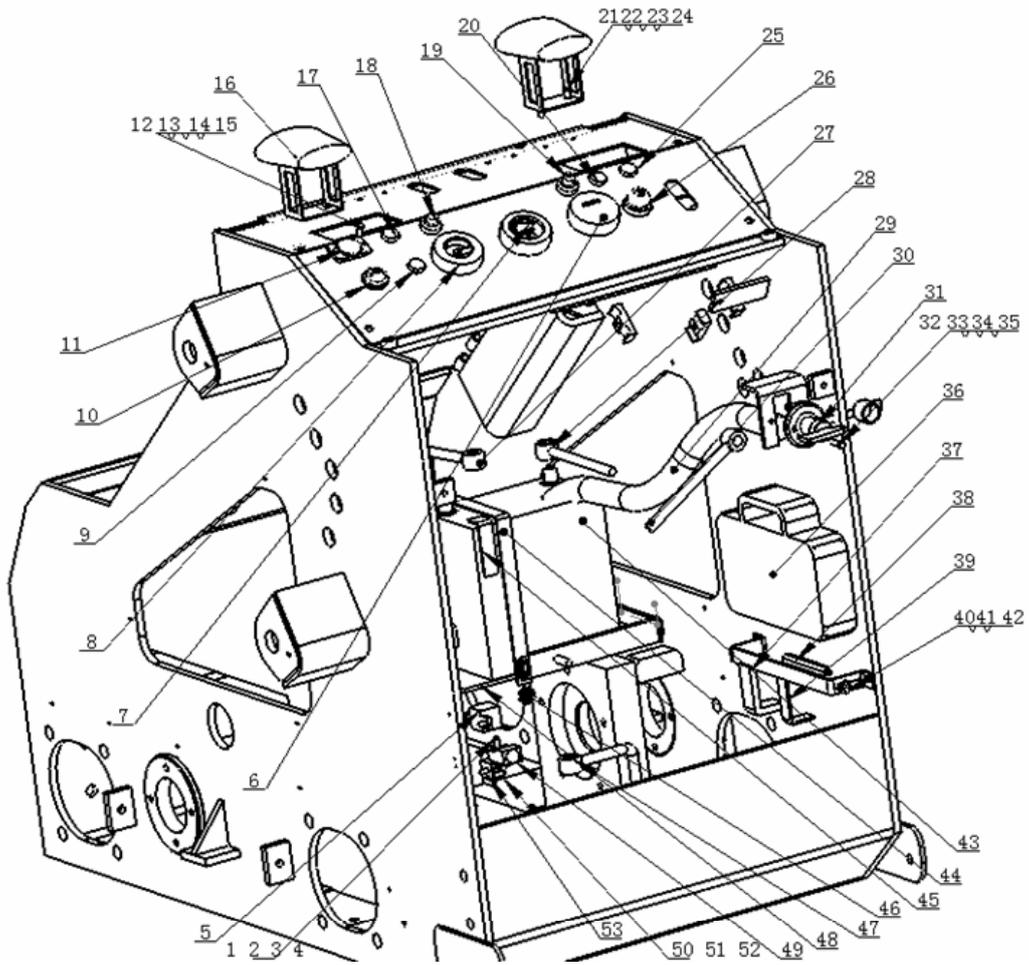
9. Operation Assy



No	Part No	名称	Description	Q'ty	Remark
1	HY380-091000A	左把手焊合	Left handle	1	
2	GB/T5782-2000	螺栓 M6*20	Bolt M6*20	4	
3	GB/T93-1987	弹垫 6	Spring Washer 6	4	
4	GB/T95-2002	平垫 6	Washer 6	4	
5	HY380-090006A-1	辅具手柄固定座	Support, attachments handle	2	
6	HY380-090003	操纵手柄套 2	Sleeve 2, handle	3	
7		多路阀辅具操纵杆	Control rod , attachments	2	
8	GB/T5782-2000	螺栓 M10*25	Bolt M10*25	2	
9	GB/T93-1987	弹垫 10	Spring Washer 10	2	
10	GB/T95-2002	平垫 10	Washer 10	2	
11	HY380-092000	右把手焊合	Right handle	1	
12		多路阀行走操纵杆	Control rod, traveling	2	
13	HY380-090002	操纵手柄套 1	Sleeve 1, handle	2	
14	GB/T6170-2000	螺母 M10*1.5	Nut M10*1.5	2	
15		操纵手柄杆	Control rod	2	
16	HY380-093000	手油门焊合	Control rod, throttle		
17	HY380-090005	手油门拉线	Pull wire, throttle		
18	GB/T5782-2000	螺栓 M10*30	Bolt M10*30	2	
19	GB/T93-1987	弹垫 10	Spring Washer 10	2	
20	GB/T95-2002	平垫 10	Washer 10	2	
21		伸缩式安全带	Safety belt	1	Optional
	HY380-016000	保险支撑焊合	Support	1	Optional
22		多路阀连接件	Connecting, control valve	1	
23	HY380-090004	风门拉线	Choke wire	1	
24	GB/T6182-2000	自锁螺母 M10	Nut M10	1	
25	GB/T5782-2000	螺栓 M10*30	Bolt M10*30	2	Optional
26	GB/T93-1987	弹垫 10	Spring Washer 10	2	Optional
27	GB/T95-2002	平垫 10	Washer 10	2	Optional

# 10. Electric System

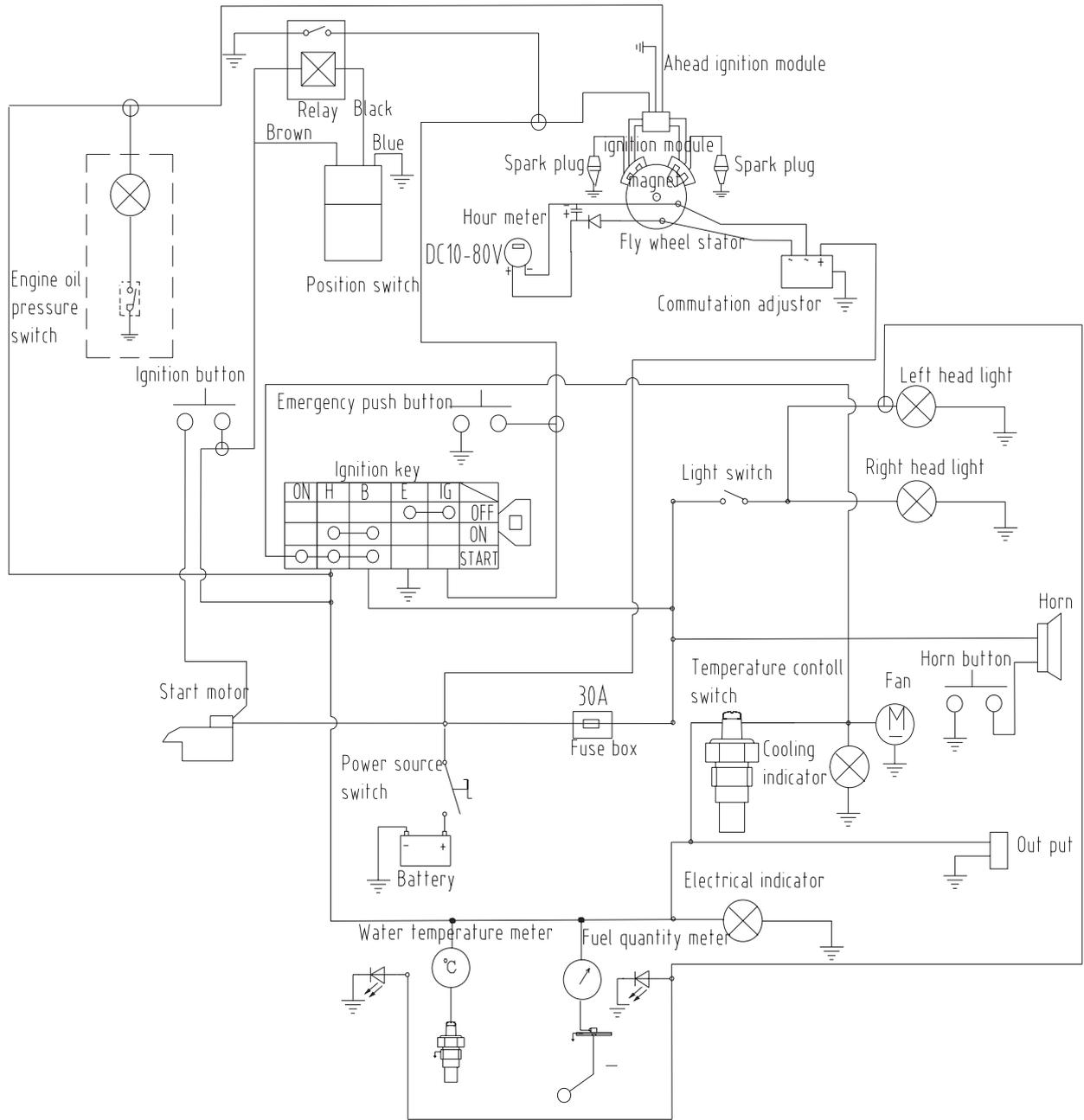
## 10.1 电器零件图 Electric parts diagram



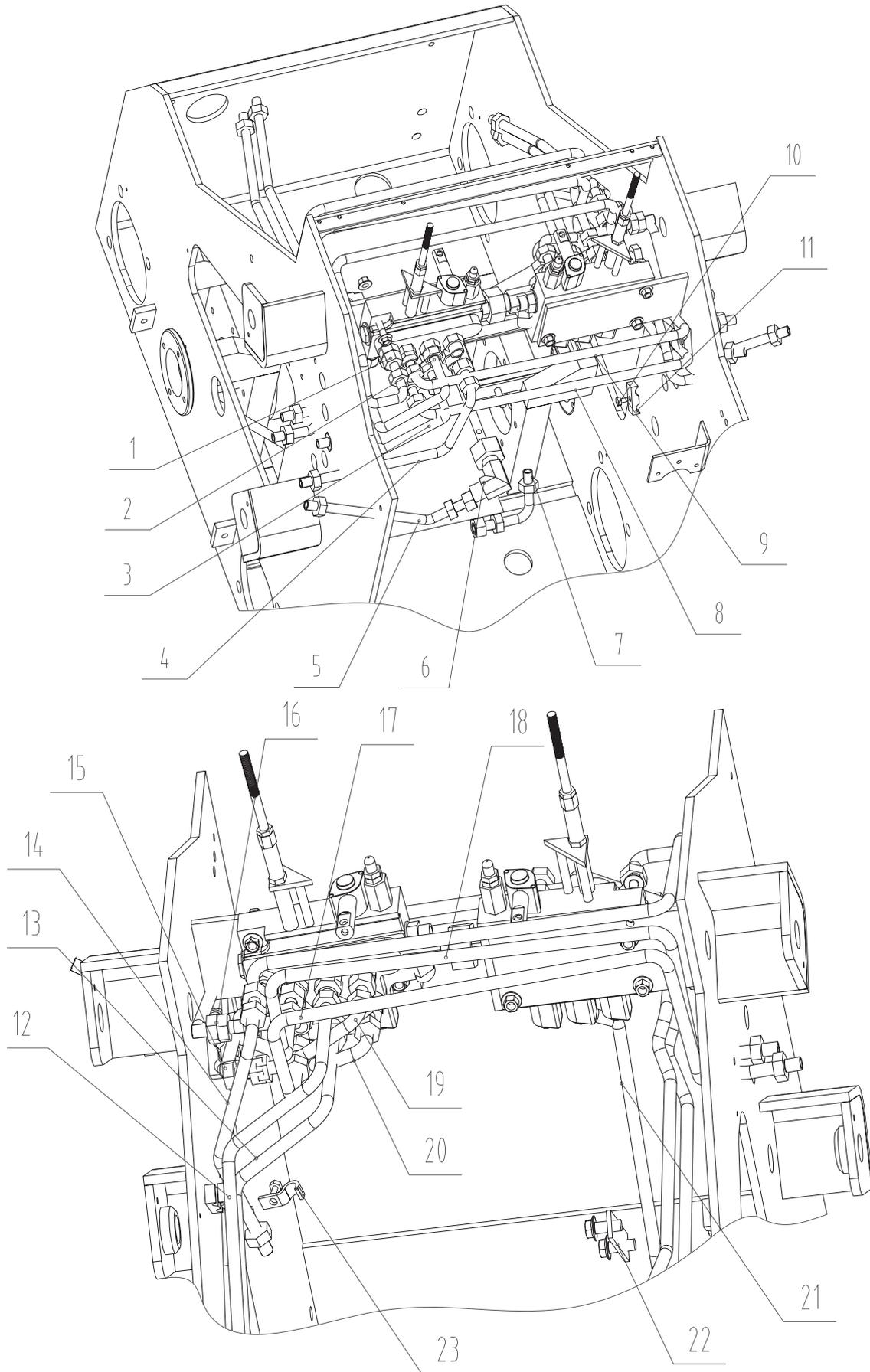
No	Part No	名称	Description	Q'ty	Remark
1	GB/T5782-2000	螺栓 M3*25	Bolt M3*25	2	
2	GB/T93-1987	垫圈 3	Washer 3	2	
3	GB/T95-2002	垫圈 3	Washer 3	2	
4	GB/T6170-2000	螺母 M3	Nut M3	2	
5	1912(带安装座)	行程开关继电器	Relay	1	Optional
6	9-30V	小时计	Hour meter	1	
7	YW142A(12V)	油温表	Oil temperature Meter	1	
8	RY142A (12V)	油量表	Gauge, fuel quantity	1	
9		风门	Choke	1	
10	LA39-11ZS	急停按钮	Emergency Push Button	1	
11	JL053	外接电源	Electric power source	1	
12		大盘头螺钉 M4*15	Screw M4*15	2	
13	GB/T95-2002	平垫 4	Washer 4	2	
14	GB/T93-1987	弹垫 4	Spring washer 4	2	
15	GB/T6170-2000	螺母 M4	Nut M4	2	
16	HY036	大灯 (防水)	Head light	2	
17	JK106	大灯开关	Switch, head light	1	
18	4A 12VDC	喇叭按钮	Button, horn	1	
19	4A 12VDC	起动按钮	Ignition button	1	
20	PL-108C	风扇指示灯 (黄色)	Yellow Indicator, fan	1	
21	GB/T5783-2000	六角头螺栓全螺纹 M4*15	Bolt M4*15	4	
22	GB/T95-2002	平垫 4	Washer 4	4	
23	GB/T93-1987	弹垫 4	Spring Washer 4	4	
24	GB/T6170-2000	螺母 M4	Nut M4	4	
25	PL-108C	电源指示灯 (绿色)	Green Indicator, electric source	1	
26	ZD134	点火开关	Ignition switch	1	
27	HY380-110030A	电瓶接地线总成	Battery Ground wire	1	
28	HY380-110010A	电瓶正极线总成 (国产)	Battery Positive wire	1	
29	HY380-110050	整车线束	Main Cable	1	
30	HY380-110020	电源总开关正极线总成	Power source positive wire	1	
31	HY380-110200	电源总开关	Power source	1	
32	GB/T5782-2000	螺栓 M5*25	Bolt M5*25	2	
33	GB/T95-2002	平垫 5	Washer 5	2	
34	GB/T93-1987	弹垫 5	Spring washer 5	2	
35	GB/T6170-2000	螺母 M5	Nut M5	2	
36	001 (灰色)	工具箱	Tools box	1	Optional
37	HY380-019000-Z-2	护套 1	Cover 1	1	Optional
38	HY380-019000-Z-1	边饰条	Side strap	1	Optional
39	HY380-019000	工具箱安装座	Tools box seat	1	Optional

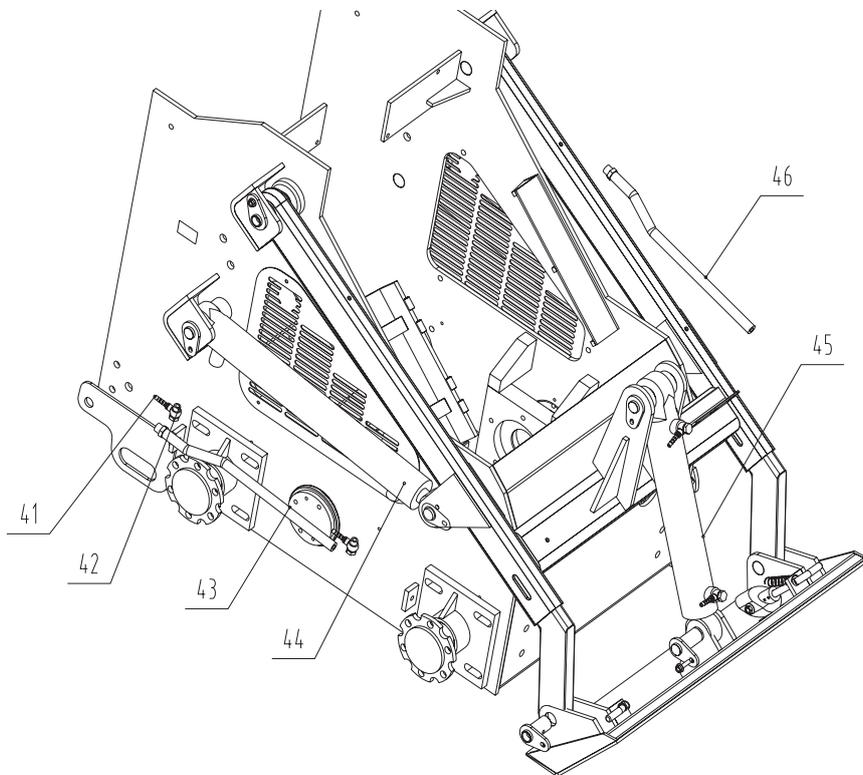
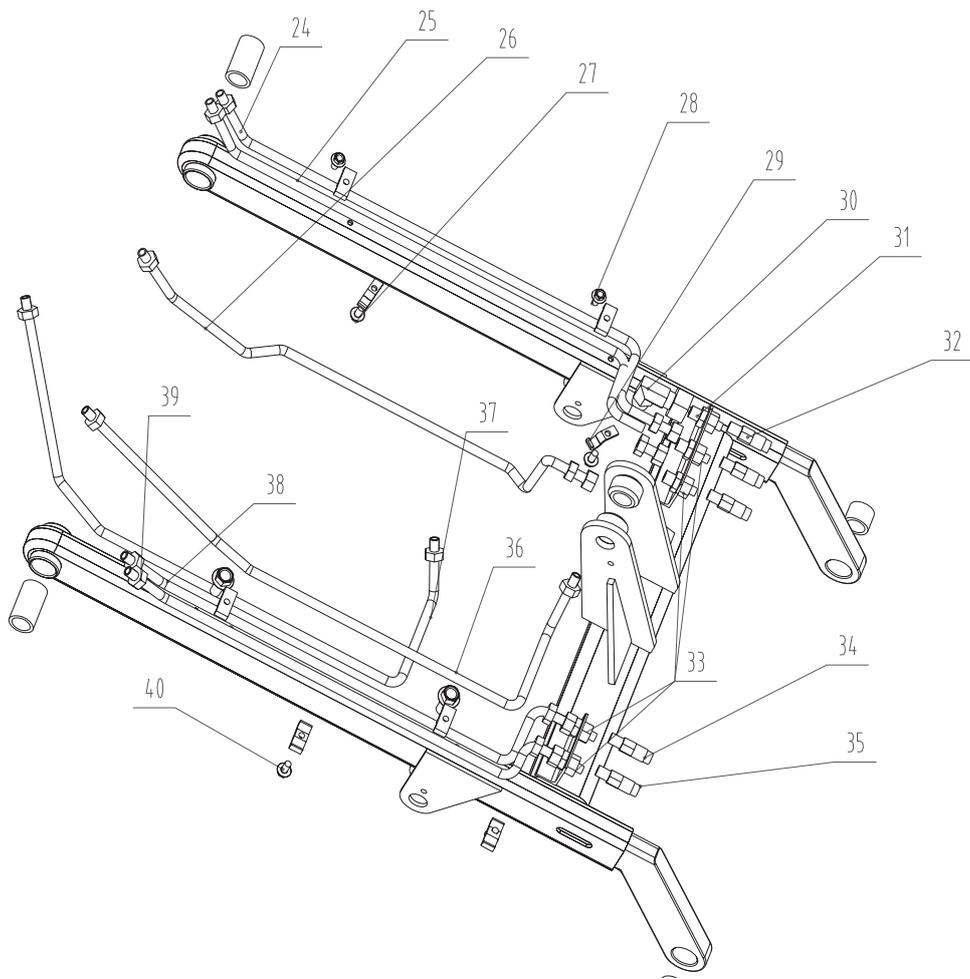
40	GB/T5782-2000	螺栓 M6*15	Bolt M6*15	2	Optional
41	GB/T95-2002	平垫 6	Washer 6	2	Optional
42	GB/T93-1987	弹垫 6	Spring washer 6	2	Optional
43	6-QW-36	电瓶	Battery	1	
44	HY380-010018	电瓶压紧板	Pressure strip, Battery	1	
45	HY380-010023	电瓶压紧板减震垫	Cushion, Battery	1	
46	GB/T62-1988	蝶形螺母 M8	Nut M8	2	
47	HY380-010016	电瓶胶垫	Rubber cushion, Battery	1	
48	HY380-110040	电瓶接地线	Ground wire, Battery	1	
49	HT-S18-N15N0	行程开关	Switch	1	Optional
50	GB/T5782-2000	螺栓 M3*15	Bolt M3*15	2	Optional
51	GB/T95-2002	平垫 3	Washer 3	2	Optional
52	GB/T93-1987	弹垫 3	Spring Washer 3	2	Optional
53	HY380-010028A	行程开关固定座	Switch seat	1	Optional
54	HY380-110060	380 仪表面板线束	Cable, instrument plate	1	
55	GB/T5782-2000	螺栓 M10*25	Bolt M10*25	3	
56	GB/T95-2002	平垫 10	Washer 10	3	
57	GB/T93-1987	弹垫 10	Spring washer 1j0	3	
58	GB/T6170-2000	螺母 M10	Nut M10	1	

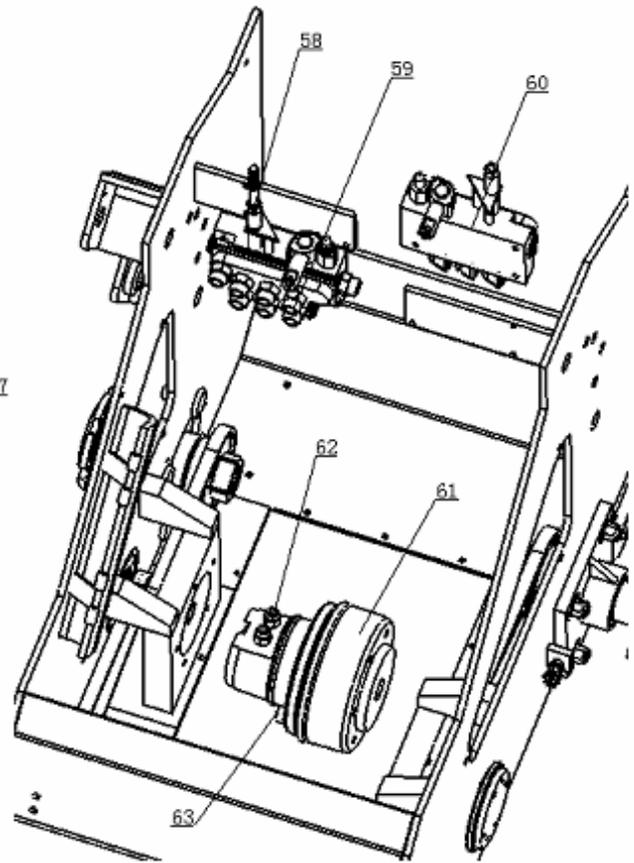
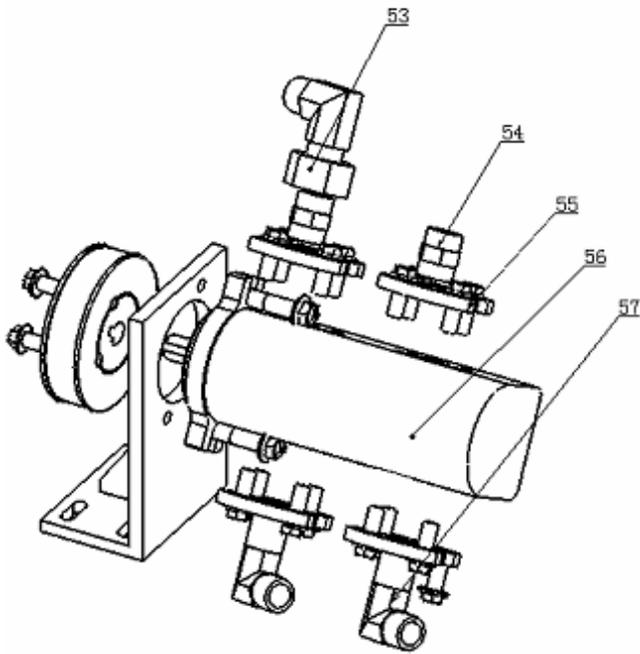
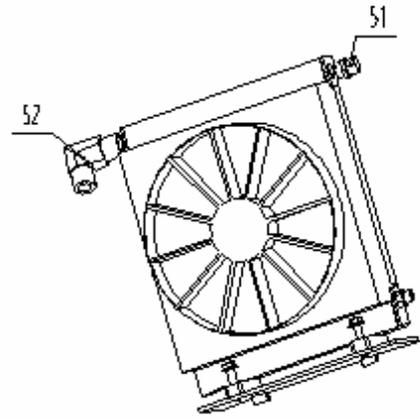
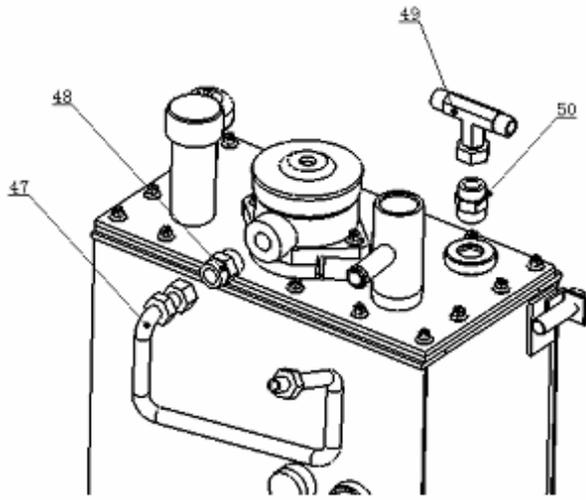
## 10.2 Electric system diagram

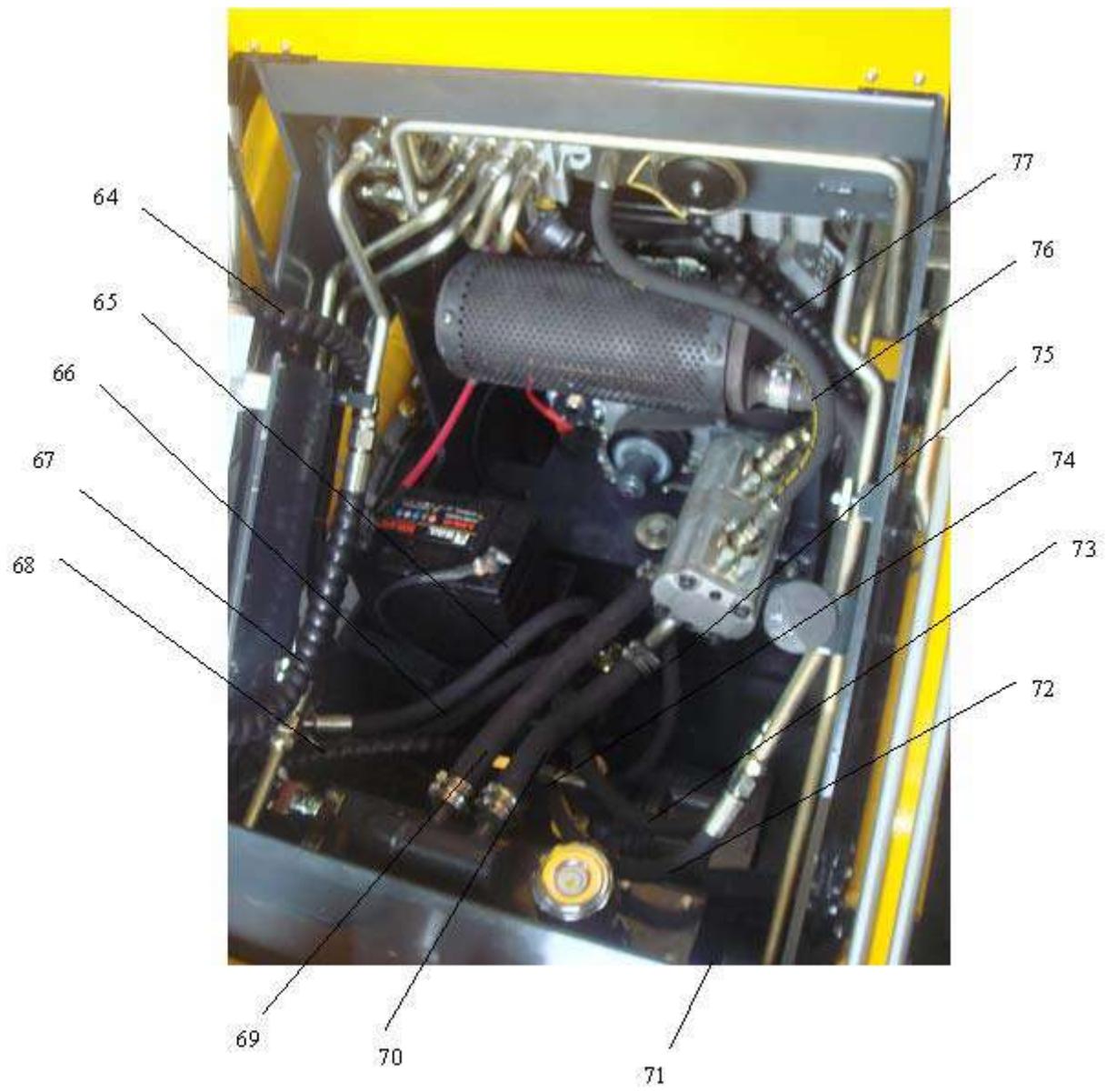


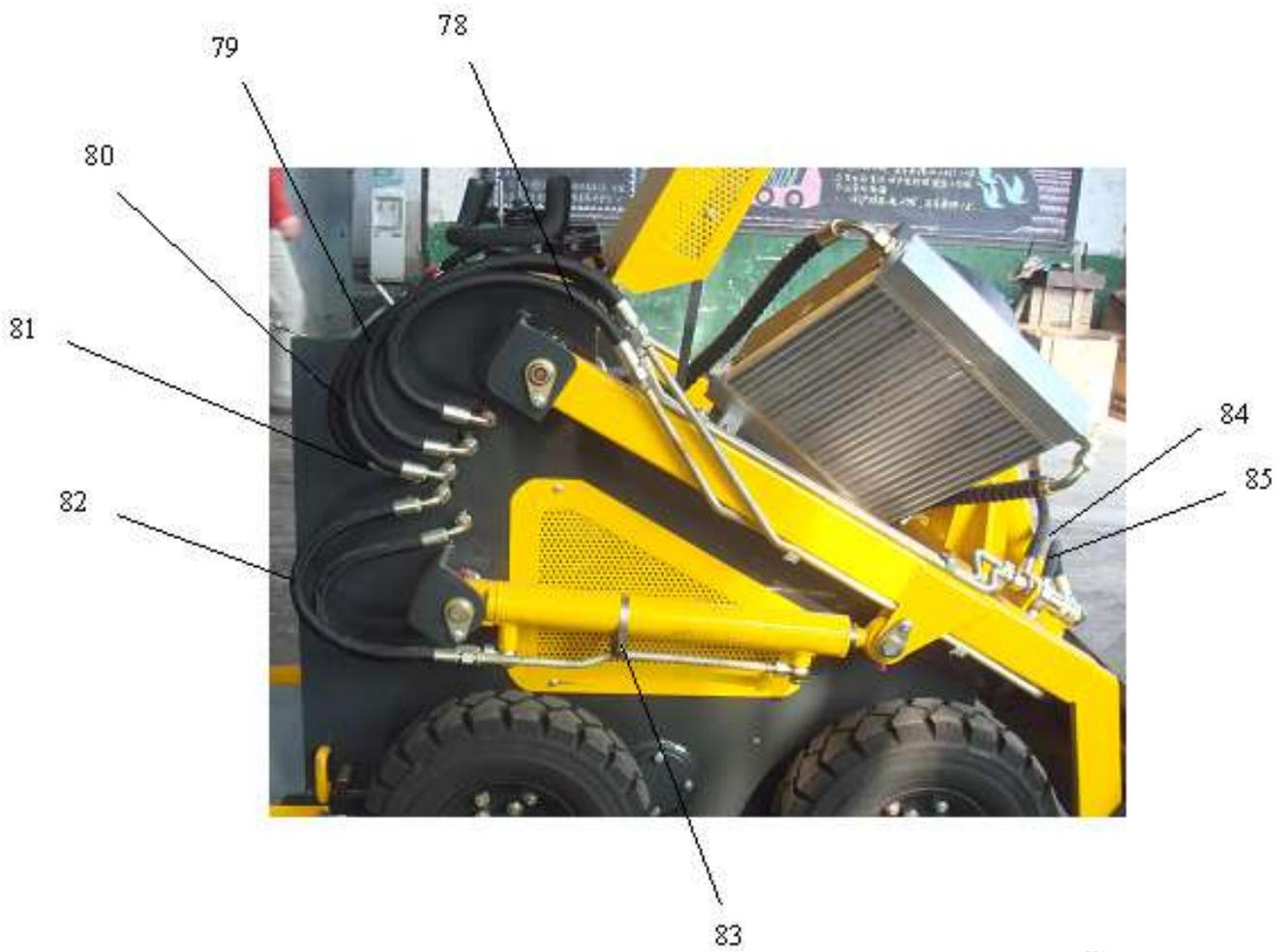
## 11. Hydraulic system assy









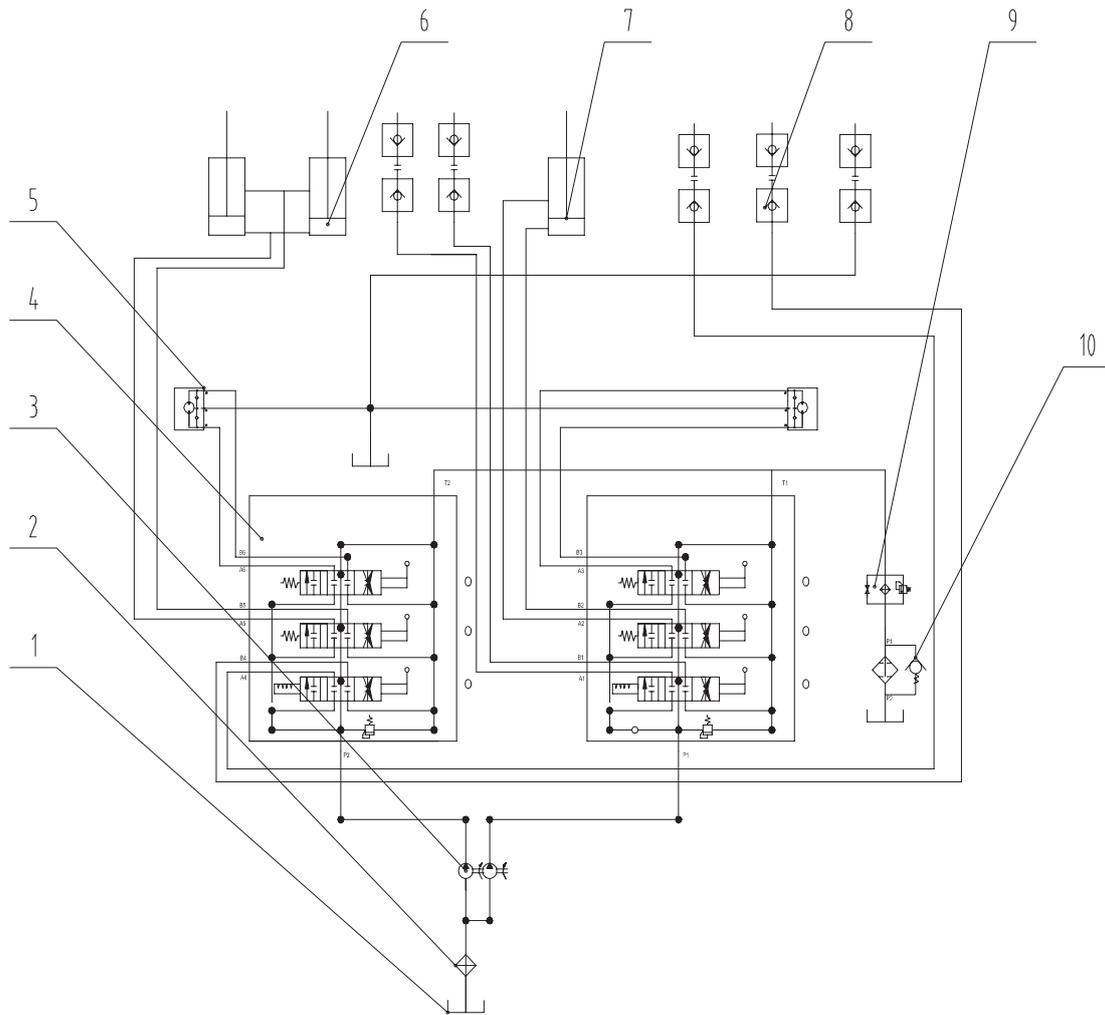


No	Part No	名称	Description	Q'ty	Remark
1	HY380-085004	硬管 4	Pipe 4	1	
2	HY380-085008	硬管 8	Pipe 8	1	
3	HY380-085005	硬管 5	Pipe 5	1	
4	HY380-085031	左阀附具上硬管	Upper pipe, left valve for attachment	1	
5	HY380-085032	左阀附具下硬管	lower pipe, left valve for attachment	1	
6	HY380-087009	2C9-18 接头 9 (外螺纹内螺纹转换接头 90°弯, 2-M18*1.5)	2C9-18 Joint 9	1	
7	HY380-085013	硬管 13	Pipe 13	1	
8	HY380-085010A	硬管 10	Pipe 10	1	
9	HY380-085003A	硬管 3	Pipe 3	1	
10	GB/T5787-1986	六角法兰面螺栓 M8*25	Bolt M8*25	7	
11	HY380-080005	二孔管夹上板	2 hole upper plate, clamp	10	
12	HY380-085001	硬管 1	Pipe 1	1	
13	HY380-085002	硬管 2	Pipe 2	1	
14	HY380-085019	硬管 19	Pipe 19	1	
15	HY380-085016	硬管 16	Pipe 16	1	
16	HY380-085015	硬管 15	Pipe 15	1	
17	HY380-085020	硬管 20	Pipe 20	1	
18	HY380-085009	硬管 9	Pipe 9	1	
19	HY380-085033	右阀附具上硬管	Upper pipe, right valve for attachment	1	
20	HY380-085034	右阀附具下硬管	lower pipe, right valve for attachment	1	
21	HY380-085017	硬管 17	Pipe 17	1	
22	HY380-080008	管夹上板	Upper plate, clamp	1	
23	HY380-080007	附具回油管夹	Oil return clamp for attachment	1	
24	HY380-085025	附具硬管 II	Pipe II, Attachment	1	
25	HY380-085026	附具硬管 III	Pipe III, Attachment	1	
26	HY380-085024A	附具硬管 I	Pipe I, Attachment	1	
27	GB/T5787-1986	六角法兰面螺栓 M8*15	Bolt M8*15	2	
28	GB/T5787-1986	六角法兰面螺栓 M8*25	Bolt M8*25	6	
29	HY380-080007	附具回油管夹	Oil return clamp for attachment	2	
30	2C9-18	外螺纹内螺纹转换接头 90°弯, 2-M18*1.5 接头	Joint 2-M18*1.5	1	
31	HY380-087011	附具过板接头 (G3/8-M18*1.5H)	Joint (G3/8-M18*1.5H)	1	
32	HY380-087014	LSQ-PT-03SF 接头 14 (G3/8 快速接头)	LSQ-PT-03SF Joint 14	1	
33	HY380-087010	附具过板接头 (G1/2-M18*1.5H)	Joint (G1/2-M18*1.5H)	4	
34	HY380-087013	LSQ-PT-04PF (G1/2 快换接头)	LSQ-PT-04PF (G1/2 Coupler)	2	
35	HY380-087012	LSQ-PT-04SF (G1/2 快换接头)	LSQ-PT-04SF (G1/2 Coupler)	2	
36	HY380-085029A	右臂翻斗内侧硬管	Inner Pipe on right work arm for bucket	1	
37	HY380-085030A	右臂翻斗外侧硬管	Outer Pipe on right work arm for bucket	1	

38	HY380-085027	右臂附具内侧硬管	Inner Pipe, right work arm	1	
39	HY380-085028	右臂附具外侧硬管	Outside Pipe, right work arm	1	
40	GB/T5787-1986	六角法兰面螺栓 M8*30	Bolt M8*30	2	
41	HY380-087020	1CI-18 接头 20 (铰接接头体, 配组合垫 2 个)	1CI-18 Joint 20	6	
42	HY380-087019	V700M-18	V700M-18	6	
43	HY380-087023	硬管 23	Pipe 23	1	
44	HY380-081000A	举升油缸	Lifting cylinder	2	
45	HY380-082000A	380 倾翻油缸	Tilt cylinder	1	
46	HY380-087022	硬管 22	Pipe 22	1	
47	HY380-085035A	散热器回油硬管	Pipe, radiator oil back	1	
48	HY380-087001	1CM-22WD 接头 1 (2-M22*1.5H 公制螺纹胶垫密封)	1CM-22WD Joint 1	1	
49	HY380-087003	BC-18 接头 3 (3-M18*1.5H 中间带螺母三通接头)	BC-18 Joint 3	1	
50	HY380-087002	1CM-18WD 接头 2 (2-M18*1.5H 公制螺纹胶垫密封)	1CM-18WD Joint 2	1	
51	HY380-087001	1CM-22WD 接头 1 (2-M22*1.5H 公制螺纹胶垫密封)	1CM-22WD Joint 1	1	
52	HY380-087016	1CH9-22OG 接头 16 (2-M22*1.5H-90°公制螺纹可调向柱端)	1CH9-22OG Joint 16	1	
53	HY380-087009	2C9-18 接头 9 (外螺纹内螺纹转换接头 90°弯, 2-M18*1.5)	2C9-18 Joint 9	1	
54	HY380-087006	1CFL-18-12 接头 6 (M18*1.5H 卡套式/SAE 对开法兰接头)	1CFL-18-12 Joint 6	2	
55	FL-12	对开法兰 12	Split Flange 12	4 副	
56		双联齿轮泵	Gear Pump	1	
57	HY380-087017	87391-12-12 接头 17 (鱼鳞吸油接管 φ20)	87391-12-12 Joint 17	2	
58		右多路阀 (弹簧复位)	Right Control Valve(Spring reverse)	1	
59	HY380-087007	1CO-18-08 接头 7 (3/4UN-M18*1.5H, 美制螺纹 O 形圈密封柱端)	1CO-18-08 Joint 7	16	
60		左多路阀 (钢球定位)	Left Control Valve(Ball Locking)	1	
61		马达	Motor	2	
62	HY380-087004	1CB-18-16WD 接头 4 (M18*1.5H-G1 英管螺纹胶垫密封柱端)	1CB-18-16WD Joint 4	4	
63	HY380-087005	1CB-18-04WD 接头 5 (M18*1.5H-G1/4 英管螺纹胶垫密封柱端)	1CB-18-04WD Joint 5	2	
64	HY380-0860007A	胶管 7A (2-M22*1.5H, L=1000, 一端直角, 1 层)	Hose 7A	1	
	DZ-HT-22	螺旋护套, L=1000	Sleeve	1	
65	HY380-086006B	胶管 6B (2-M18*1.5H, L=500, 一端直角, 2 层)	Hose 6B	1	
66	HY380-086006A	胶管 6A (2-M18*1.5H, L=420, 一端直角, 2 层)	Hose 6A	1	
67	HY380-086005A	胶管 5A (2-M22*1.5H, L=800, 一端直角, 1 层)	Hose 5A	1	
	DZ-HT-22	螺旋护套, L=800	Sleeve	1	
68	HY380-086004A	胶管 4A (2-M18*1.5H, L=520, 2 层)	Hose 4A	1	
	DZ-HT-21	螺旋护套, L=520	Sleeve	1	

69	HY380-080003	夹布胶管 (L=400)	Hose	1	
70	HY380-080004	夹布胶管 (L=300)	Hose	1	
71	HY380-086016C	胶管 16 (2-M18*1.5H, L=400, 一端直角, 2层)	Hose 16	1	
72	HY380-086002A	胶管 2A(2-M18*1.5H, L=430, 2层)	Hose 2A	1	
73	HY380-086002A	胶管 2A(2-M18*1.5H, L=430, 2层)	Hose 2A	1	
74	HY380-087003	BC-18 接头 3 (3-M18*1.5H 中间带螺母三通接头)	BC-18 Joint 3	1	
75	HY380-086003	胶管 3 (2-M18*1.5, L=520, 一端 45°角, 2层)	Hose 3	1	
76	HY380-086001B	胶管 1B (2-M18*1.5H, L=600, 一端直角, 2层)	Hose 1B	1	
77	HY380-086001A	胶管 1A (2-M18*1.5H, L=600, 一端 45°角, 2层)	Hose 1A	1	
	DZ-HT-21	螺旋护套, L=520	Sleeve	1	
78	HY380-086008B	胶管 8B (2-M18*1.5H, L=650, 一端直角, 2层, 加尼龙护套)	Hose 8B	1	
79	HY380-086010B	胶管 10B (2-M18*1.5H, L=760, 一端直角, 2层, 加尼龙护套)	Hose 10B	1	
80	HY380-086009B	胶管 9B (2-M18*1.5H, L=720, 一端直角, 2层, 加尼龙护套)	Hose 9B	1	
81	HY380-086010B	胶管 10B (2-M18*1.5H, L=760, 一端直角, 2层, 加尼龙护套)	Hose 10B	1	
82	HY380-086014	胶管 14 (2-M18*1.5H, L=600, 一端直角, 2层, 加尼龙护套)	Hose 14	2	
83	HY380-080001A	支臂下橡胶块	Rubber	2	
	70-89	喉箍	Clip	2	
84	HY380-086012A	胶管 12A (2-M18*1.5H, L=350, 2层, 加尼龙护套)	Hose 12A	1	
85	HY380-086013B	胶管 13B (2-M18*1.5H, L=350, 2层, 加尼龙护套)	Hose 13B	1	
86	HY380-086017C	胶管 17 (2-M18*1.5H, L=650, 一端直角, 2层, 加尼龙护套)	Hose 17	1	
87	HY380-086009B	胶管 9B (2-M18*1.5H, L=720, 一端直角, 2层, 加尼龙护套)	Hose 9B	1	
88	HY380-086010B	胶管 10B (2-M18*1.5H, L=760, 一端直角, 2层, 加尼龙护套)	Hose 10B	1	
89	HY380-086014	胶管 14 (2-M18*1.5H, L=600, 一端直角, 2层, 加尼龙护套)	Hose 14	2	

### 380 液压原理图 Hydraulic System diagram



1、液压油箱 2、滤油器 3、双联齿轮泵 4、多路阀 5、马达  
 6、举升油缸 7、翻斗油缸 8、快速接头 9、散热器 10、回油  
 滤清器

1.Hydraulic oil tank    2. Oil filter    3. Gear Pump    4 Control Valve    5 Motor    6 Lifting cylinder  
 7 Bucket Cylinder    8 Coupler    9 Radiator    10 Return Oil Filter