



LYNXKING

# KTG910 GOLF ROLLER MANUAL

## KTG910

### Operation Manual



Shouguang Nake Garden Machinery Co., Ltd

Thank you very much for purchasing this product

Please read this manual completely, otherwise you may be injured or damage the equipment. This manual should be kept with you forever and sent to you as the user.

This manual uses the metric standard. The person sitting on the main machine faces the direction of the machine. The left and right of the person are the left and right of the machine. If you encounter a dotted arrow, it means that the parts are hidden inside.

Nake Machinery provides warranty to customers who operate and maintain according to the requirements of this manual as part of the entire support program. The warranty of this product can be explained in the warranty certificate received from the dealer.

Purchase date:

Dealer name:

Phone:

Serial number:

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## **1. Introduction**

KTG910 is a new type of green roller. This machine is hydraulically driven, equipped with a large displacement hydraulic pump, high-strength hydraulic motor, forced hydraulic system cooling device, and high-power gasoline engine, which will not cause high temperature during long-term operation. Excellent operator platform, providing exceptionally smooth and fast greens. The split overlap, contour-following smooth roller perfectly follows the undulations to provide an exceptionally smooth putting surface. The operator platform is fully adjustable, providing unparalleled comfort and operator safety. The transportation system adopts a quick coupler, making transportation from one green to another exceptionally fast and simple.

## **2. Main technical specifications and technical parameters**

Model: **KTG910**

Working width: 990mm

Engine model: Loncin L420

## **3. IMPORTANT**

### **PLEASE READ AND UNDERSTAND BEFORE OPERATING MACHINE**

1. Pre-check all nuts, bolts, grub screws for tightness prior to operating machine.
2. Understand the operating procedures and the controls before operating.
3. Use the machine to roll 18-36 greens then check that all nuts, bolts etc. are tight.
4. Loose transmission and drive roller sprockets will cause damage to shafts & keyways. Ensure they are correctly tightened at all times.
5. Change the transmission oil after 50 hours of operation.

## **4. SAFETY INFORMATION**

Safety is of the utmost importance when operating turf equipment. To ensure safe operation of the KTG910 Roller, please follow the following safety guidelines.

- \* Always make a pre-operation inspection before you start the engine. If this procedure is not carried out damage to property or personnel may occur.
- \* Keep children, pets and inexperienced personnel away from the machine. This machine should only be operated by trained and skilled personnel - check with your supervisor if you are unsure.
- \* Know how to stop the engine when in motion. Read and understand engine manufacturers manual,

as supplied.

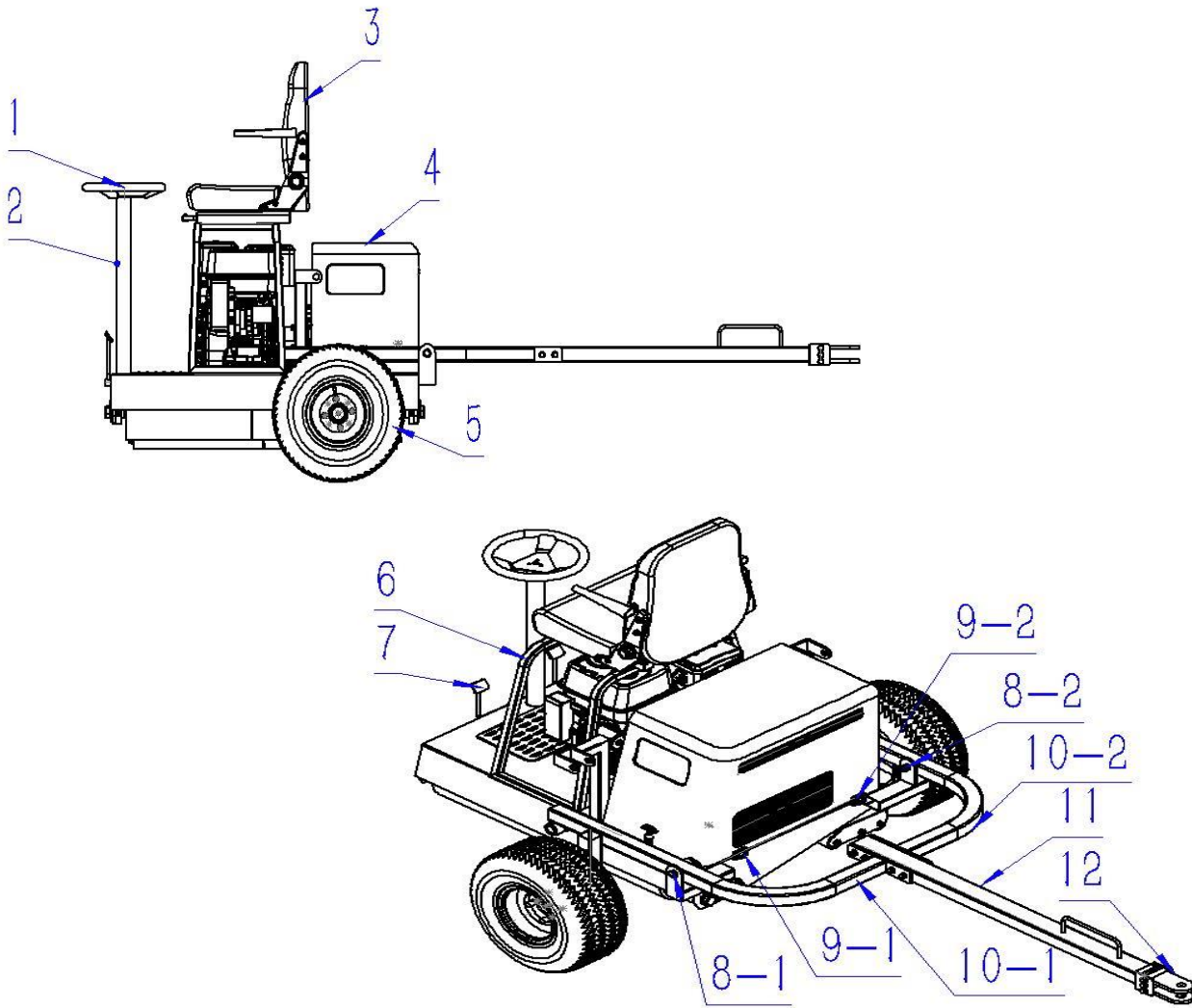
\* Never permit inexperienced operators to use the machine. This machine requires certain knowledge and expertise to operate it; you must be a trained person to use this machine. Unskilled persons can harm themselves and others if they operate this machine.

\* Do not use in enclosed areas unless well ventilated. Carbon monoxide gases are dangerous if inhaled, it can cause death; use the machine outdoors.

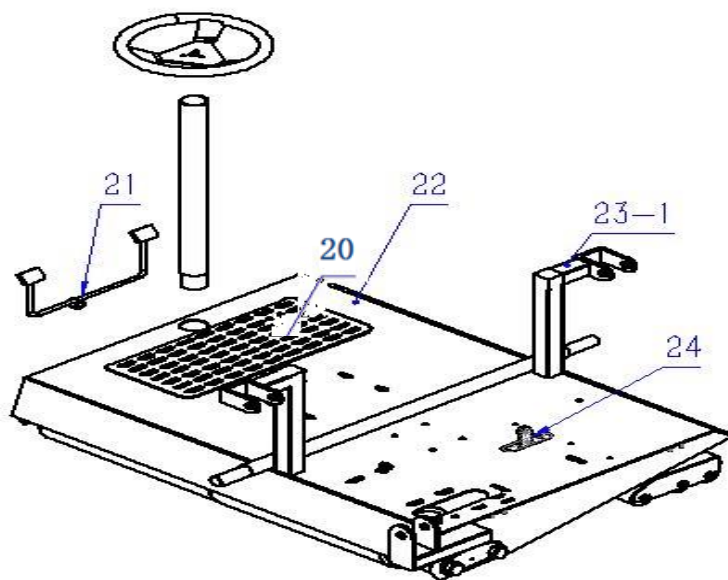
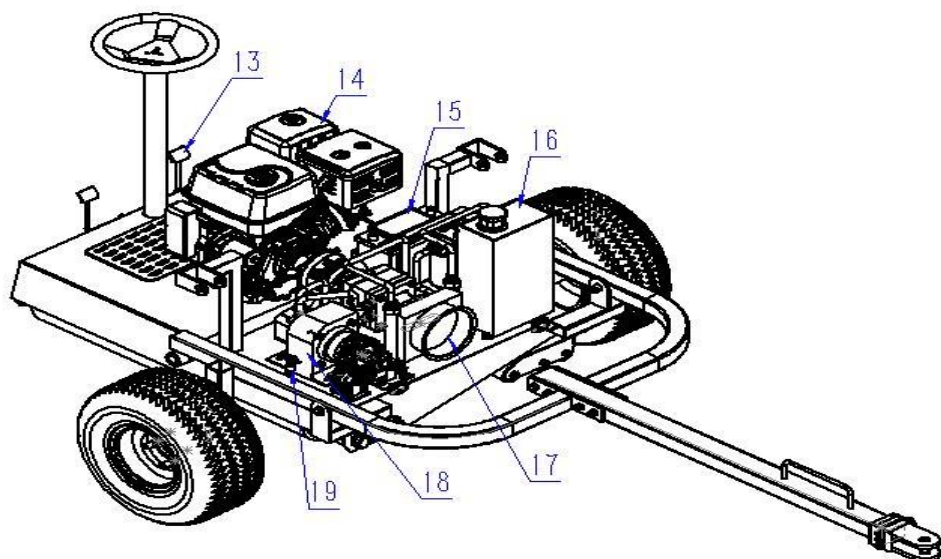
\* When transporting the roller, make sure the trailer lock down mechanism is secure to prevent premature release. If the trailer lock is not correctly engaged while towing and releases accidentally, the front of the roller can drop and dig into the ground, causing the machine to move dangerously in any direction causing bodily injury. When carrying out maintenance ensure the latch is engaged correctly; if it is not the trailer arm could fly up making contact with a person(s) causing serious injury.

\* When engine is running, always keep hands and loose clothing away from rotating chains and sprockets in the transmission area. If hair, clothing or loose objects become entangled on a rotating shaft serious bodily injury could occur. Stop engine before opening safety cover fitted to the transmission area.

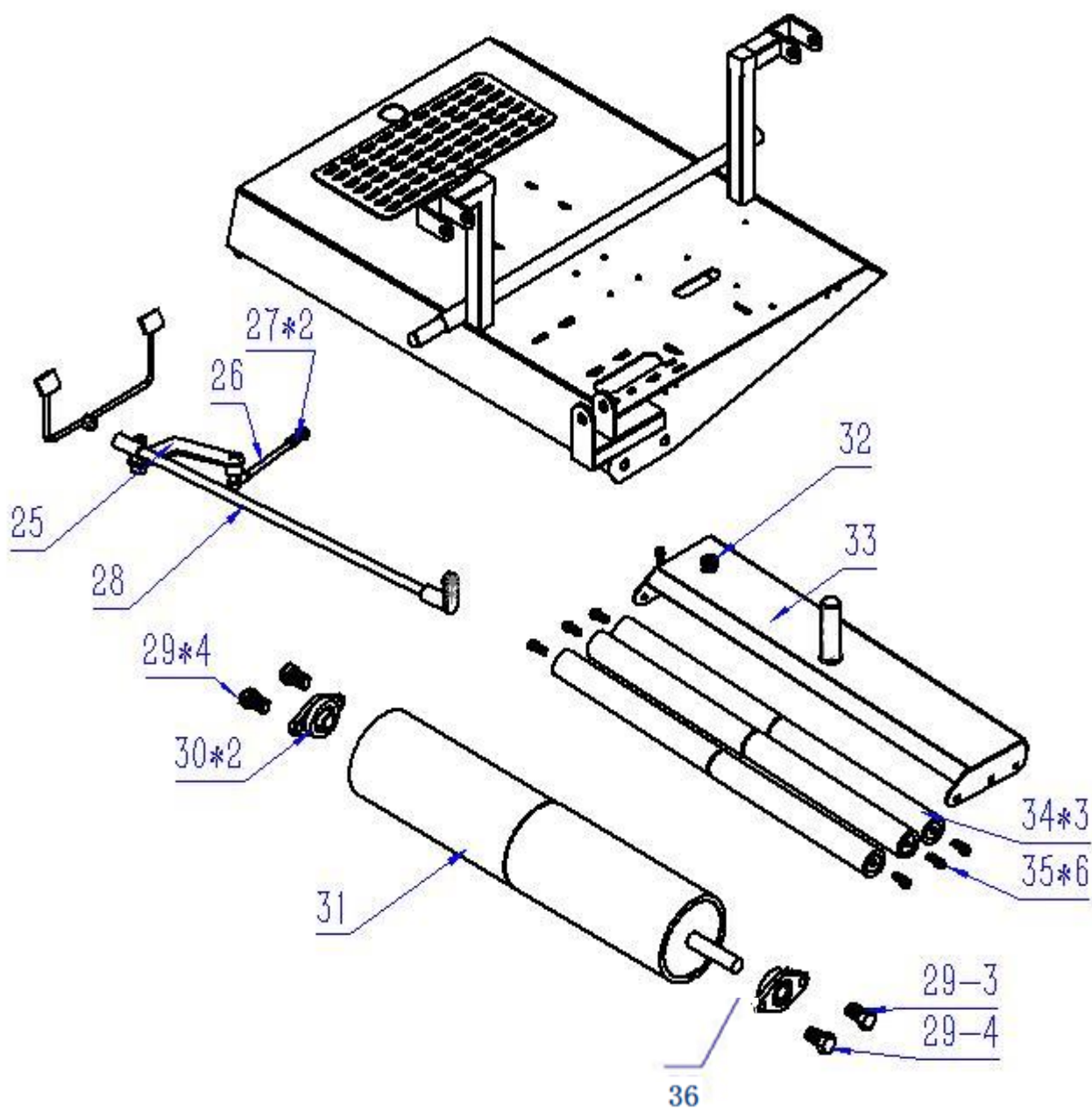
## 5. Exploded view of parts



Item	Part No.	Description	Qty.	Serial Numbers/Notes
01	N95-6778	steering wheel	1	方向盘
02	N93-7606	Steering wheel column	1	方向盘柱
03	N80-3636	Seat	1	座椅
04	N60-2901	Shell	1	外壳
05	N95-7267	Tire	2	轮胎
06	N76-4570	Bracket	1	支架
07	N78-8390	Pedal	1	踏板
08	N10-2703	Pin	2	销子
09	N93-7153	Hinge	2	合页
10	N96-1519	Bracket	2	支架
11	N36-3642	Towbar	1	牵引杆
12	N97-5067	Connector	1	连接器

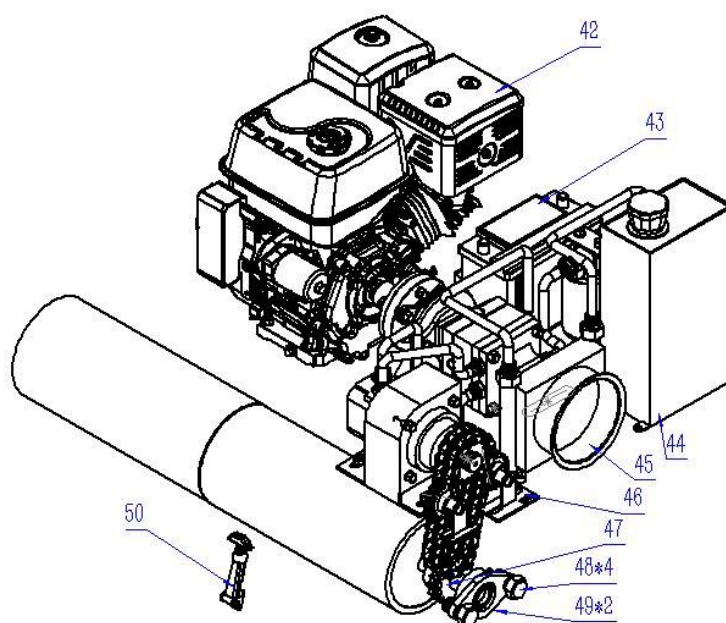
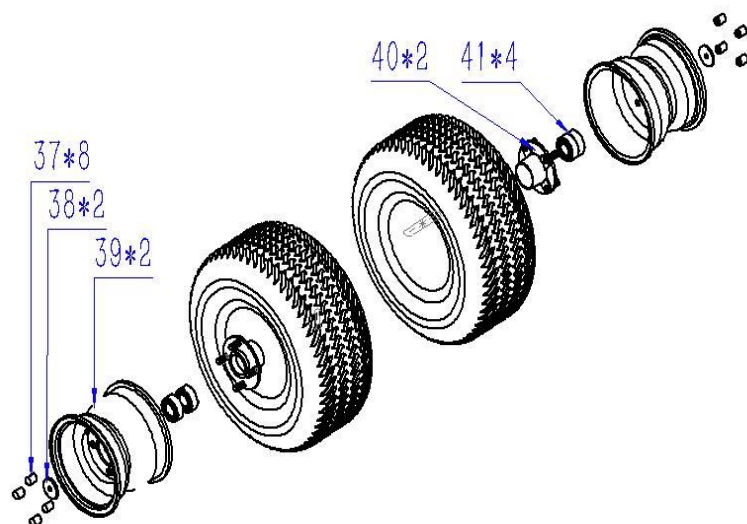


Item	Part No.	Description	Qty.	Serial Numbers/Notes
13	N78-8390	Pedal	2	踏板
14	N90-2165	Engine	1	发动机
15	N25-4958	Hydraulic pump	1	液压泵
16	N68-3887	Hydraulic oil tank	1	液压油箱
17	N65-7738	Fan	1	风扇
18	N96-3661	Hydraulic motor	1	液压马达
19	N86-6438	Bolt	1	螺栓
20	N96-4093	pad	1	垫子
21	N78-8390	Pedal	1	踏板
22	N70-3021	Frame	1	车架
23	N85-5971	Bracket	1	支架
24	N75-8587	Connecting rod	1	连杆

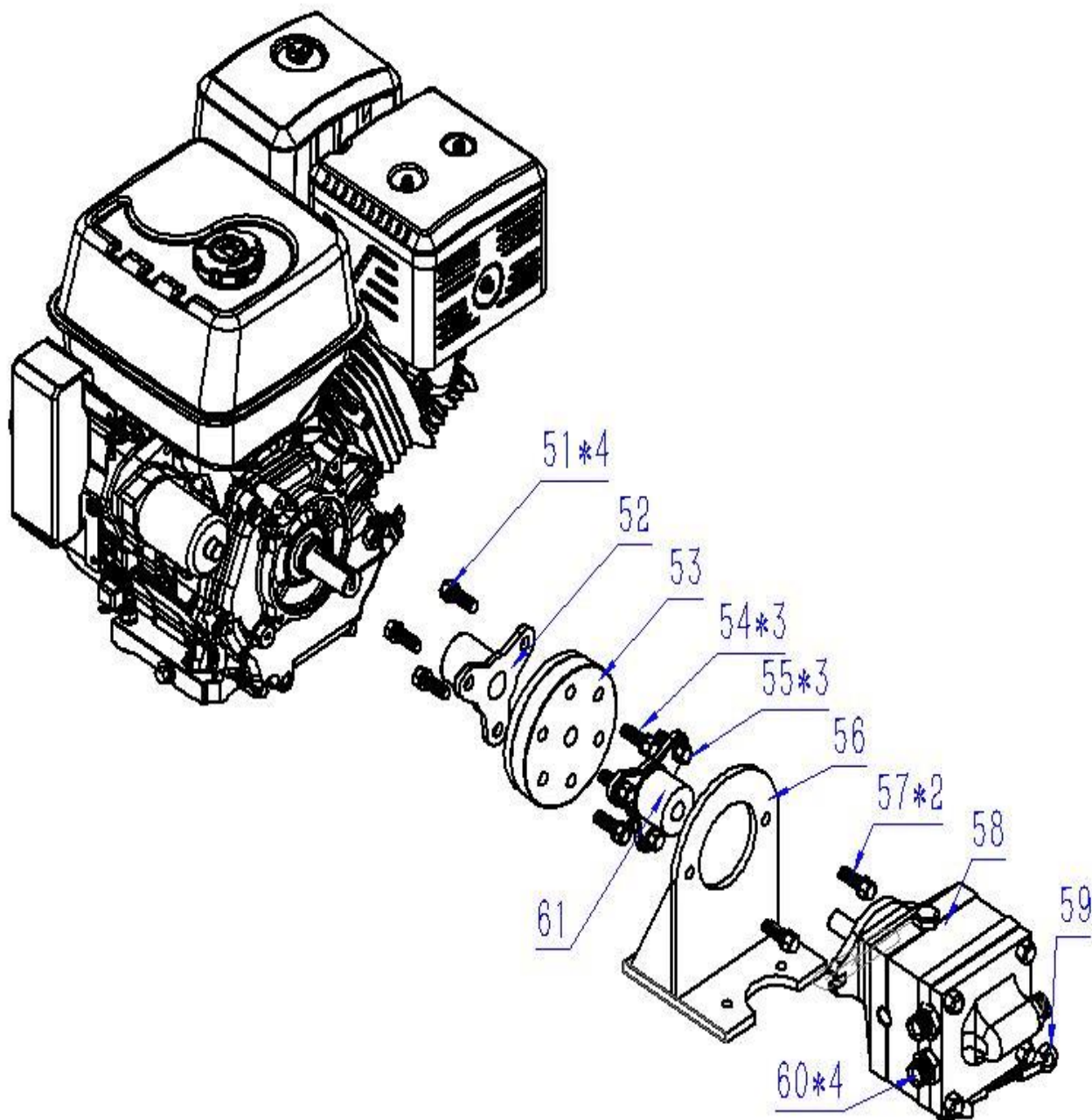


Item	Part No.	Description	Qty.	Serial Numbers/Notes
25	N75-3448	Steering rod	2	方向杆
26	N60-3346	Tie rod	1	拉杆
27	N93-6070	Bolt	2	螺栓
28	N96-9010	Tie rod	1	拉杆
29	N95-4090	Bolt	1	螺栓
30	N96-8137	Bearing	1	轴承
31	N93-8698	Roller	1	滚筒
32	N65-1390	Bolt	1	螺栓
33	N87-5140	Guard plate	1	护板
34	N72-5407	Roller	3	滚筒
35	N75-8977	Bolt	1	螺栓
36	N65-1672	Bearing	1	轴承

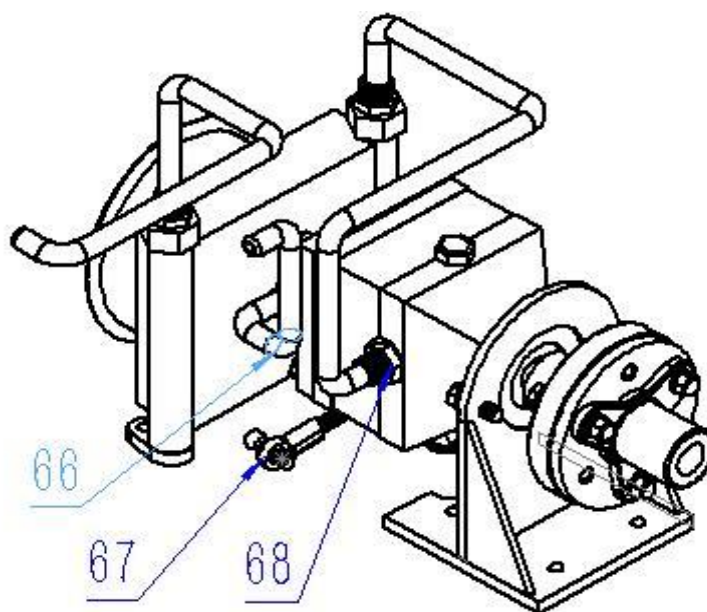
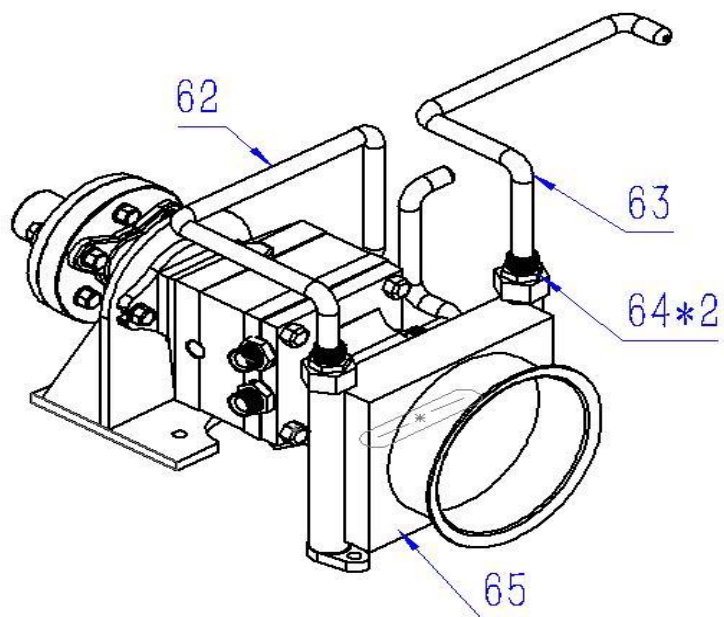




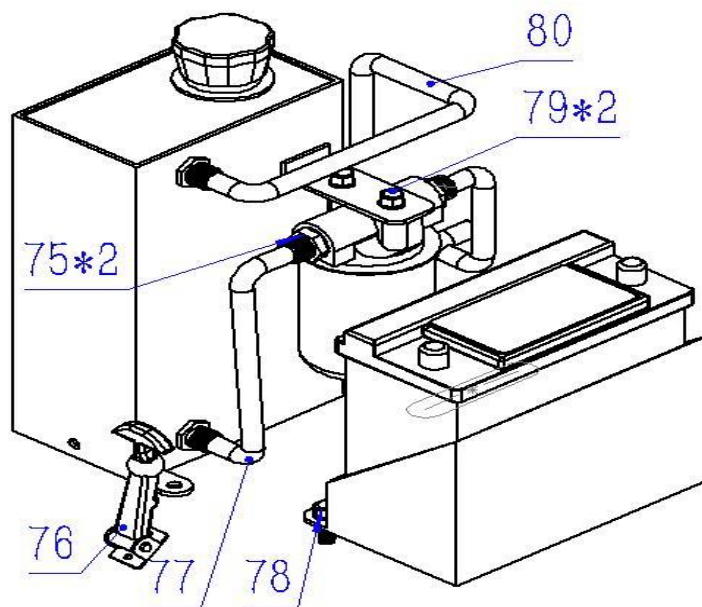
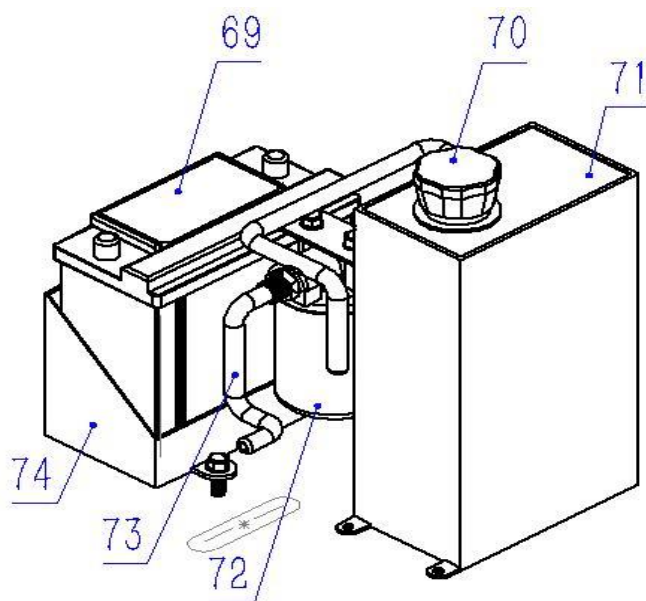
Item	Part No.	Description	Qty.	Serial Numbers/Notes
37	N96-3502	Nut	8	螺母
38	N95-5671	Nut	2	螺母
39	N32-9502	Ring	2	钢圈
40	N90-2937	Flange	2	法兰
41	N95-6796	Bearing	4	轴承
42	N80-5508	Engine	1	发动机
43	N70-1401	Battery	1	蓄电池
44	N21-9712	Hydraulic oil tank	1	液压油箱
45	N57-7659	Radiator	1	散热器
46	N99-1749	Bolt	3	螺栓
47	N85-7324	Sprocket	1	链轮
48	N87-3583	Bolt	4	螺栓
49	N80-9456	Bearing	2	轴承
50	N96-3409	Lock	1	锁扣



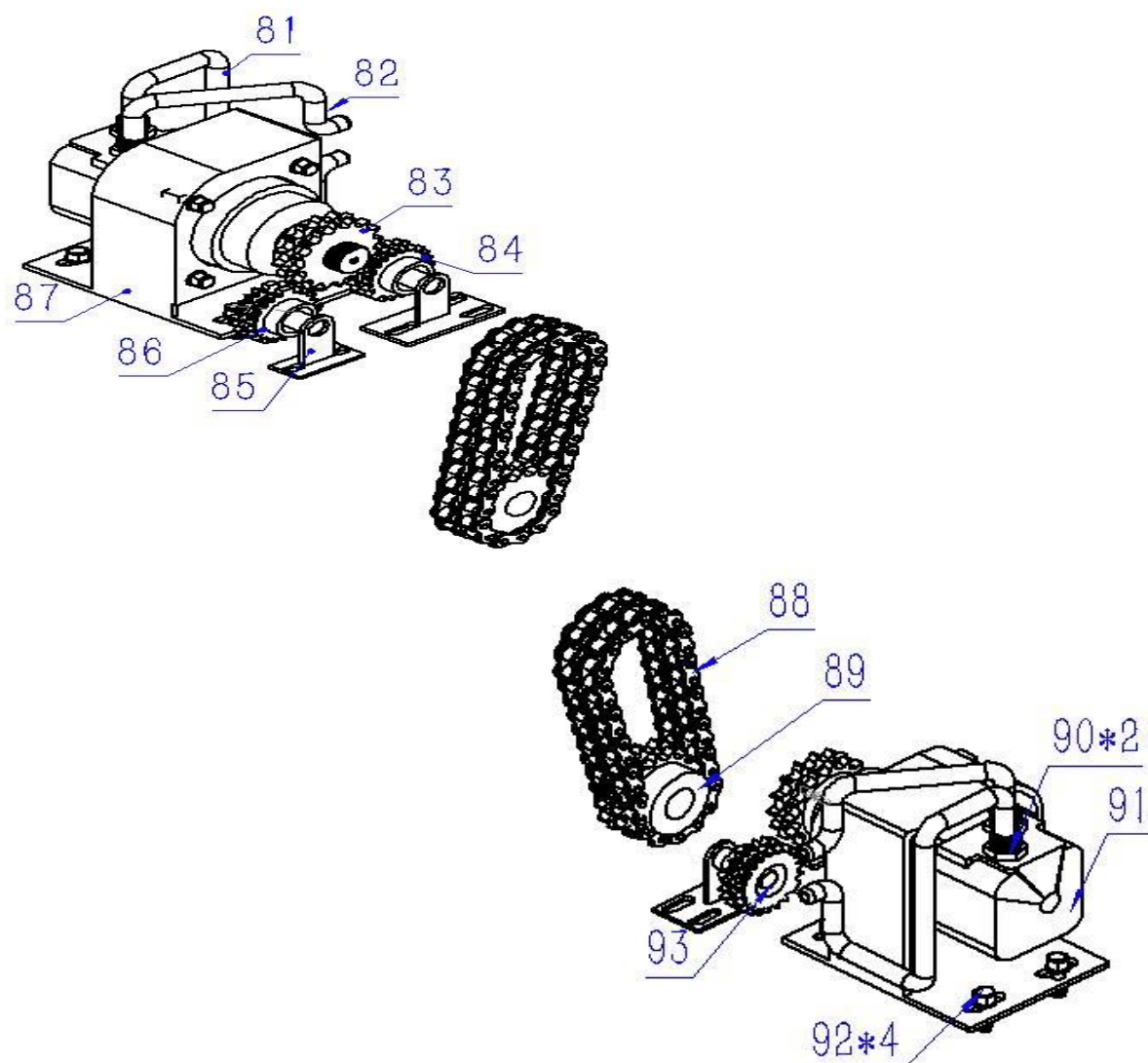
Item	Part No.	Description	Qty.	Serial Numbers/Notes
51	N76-7693	Bolts	4	螺栓
52	N65-1453	Flange	1	法兰
53	N32-7543	Flexible joint	1	软连接
54	N97-6712	Bolts	3	螺栓
55	N10-6759	Nuts	3	螺母
56	N93-9253	Brackets	1	支架
57	N85-9310	Bolts	2	螺栓
58	N62-5461	Hydraulic pump	1	液压泵
59	N25-6527	Bolts	1	螺栓
60	N52-5030	Nuts	4	螺母
61	N87-2524	Flange	1	法兰



Item	Part No.	Description	Qty.	Serial Numbers/Notes
62	N66-9076	Hydraulic oil pipe	1	液压油管
63	N32-3892	Hydraulic oil pipe	1	液压油管
64	N78-4700	Nut	2	螺母
65	N15-5574	Radiator	1	散热器
66	N96-9622	Hydraulic oil pipe	1	液压油管
67	N96-1771	Tie rod	1	拉杆
68	N85-7177	Nut	1	螺母



Item	Part No.	Description	Qty.	Serial Numbers/Notes
69	N21-8641	Battery	1	蓄电池
70	N25-9644	Hydraulic oil cap	1	液压油盖
71	N72-4525	Hydraulic oil tank	1	液压油箱
72	N32-3508	Filter	1	过滤器
73	N87-1639	Hydraulic oil pipe	1	液压油管
74	N95-9076	Battery box	1	蓄电池盒
75	N75-8806	Nut	2	螺母
76	N15-9180	Nut	2	螺母
77	N76-9766	Hydraulic oil pipe	1	液压油管
78	N80-8079	Nut	2	螺母
79	N57-4851	Lock	1	锁件
80	N66-7468	Hydraulic oil pipe	1	液压油管



Item	Part No.	Description	Qty.	Serial Numbers/Notes
81	N86-4491	Hydraulic oil pipe	1	液压油管
82	N75-4678	Hydraulic oil pipe	1	液压油管
83	N96-8923	Sprocket	1	链轮
84	N93-8506	Sprocket	1	链轮
85	N85-4093	Bracket	1	支架
86	N52-3683	Sprocket	1	链轮
87	N36-9846	Hydraulic pump	1	液压泵
88	N10-3821	Chain	1	链条
89	N10-5169	Sprocket	1	链轮
90	N36-4707	Nut	2	螺母
91	N96-4315	Hydraulic pump	1	液压泵
92	N80-3630	Nut	2	螺母
93	N60-5524	Sprocket	1	链轮

## **6.FAULT FINDING**

### **ROLLER WILL NOT MOVE ONE OR EITHER WAY**

Check: • Chain is okay

- Sprockets are not worn or slipping on the shaft
- Foot control is operating - check all arms are secure
- For Sheared Coupling or Sprocket Keys

### **ROLLER WILL NOT STEER**

Check: • Woodruff Key is in place & not sheared

- Rod ends are connected to smoothing roller head and the steering arm
- Centre swivel bearing on top centre of smoothing rollers has not seized
- Connecting rod is in place & serviceable

### **ROLLER HAS EXCESSIVE VIBRATION**

Check: • Disconnect engine-to- transmission and isolate the drive chain to determine whether the

problem is in the engine or in the transmissions

- If engine is at fault contact your nearest engine agent for rectification
- If the transmission is at fault, repair or replace as necessary, or seek professional advice

from a local Eaton Service Center

### **SMOOTHING ROLLERS SEIZED**

Check: • Bearings have not seized

### **RUBBER DRIVE ROLLER WILL NOT ROTATE**

Check: • Roller shaft end bearings have not seized, replace as necessary

- Broken chain
- Slipping sprockets
- the Park Brake is not locked on
- Accumulated dry debris is not locking the smoothing rollers

# Equipment maintenance record

Maintenance items	Check the results		Maintenance status	Remark
	normal	Fault		

Shouguang Naco Garden Machinery Co., Ltd.

The pictures are for reference only. Please refer to the actual product. The contents and models published are subject to change without prior notice.





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