

Operating Instructions

Parts List

TF15S/TF30S/TF35S/TF50S

Lifting Table

Note: The Lifting Table must not be changed in agreement with the data of the manufacturer be used, maintained and repaired and may not or equipped with attachments, for making sure the Lifting Table is still safe.

Thank you for using this lifting table. Your lifting table is made of high quality steel and is designed for the horizontal lifting and transport of loads on a level, fixed base. For your safety and correct operation, please carefully read this instruction before using it and keep it on file for future reference.

NOTE: All of the information reported herein is based on data available at the moment of printing. We reserves the right to modify our own products at any moment without notice and incurring in any sanction. So, it is suggested to always verify possible updates.

1. WARNINGS

- 1) DO NOT under the lifting table work, when it is locked to nonmechanical.
- 2) DO NOT put foot or hand in scissors mechanism.
- 3) DO NOT allow other person to stand in front or behind lift table when it is moving.
- 4) DO NOT move lifting table when table is in raised position. Load could fall down.
- 5) DO NOT enter under table.
- 6) DO NOT overload lift table.
- 7) DO NOT put foot in front of rolling wheels, Injury could fall down.
- 8) WATCH difference of floor level when moving lifting table. Load could fall down.
- 9) DO NOT use lifting table on slope or inclined surface, lifting table may become uncontrollable and create danger.
- 10) DO NOT lift people. People could fall down and suffer severe injury.

2. CAUTION

- 1) Read this operation manual carefully and understand completely operating lifting table. Improper operation could create danger.
- 2) This lifting table is a movable lifter designed to lift or lower rated load on table. DO NOT use lifting table for other purpose than its intended use.
- 3) DO NOT allow person to operate lifting table that dose not understand its operation.
- 4) DO NOT lower table too fast. Load could fall down and create danger.
- 5) KEEP watching the condition of load. Stop operating lifting table if load becomes unstable.
- 6) Braking lifting table when sliding load on or off table.
- 7) DO NOT side or end load. Load must be distributed on at least 80% of table area.
- 8) DO NOT use lifting table with unstable, unbalanced loosely load.
- 9) Practice maintenance work according to service instructions.
- 10) DO NOT modify lifting table without manufacturers written consent.
- 11) REMOVE load from table and use safety stopper to prevent table from lowering when servicing lifting table.
- 12) This lifting table is not designed to be water resistant. Use lifting table under dry condition.

3. DAILY INSPECTION

Daily inspection is effective to find the malfunction or fault on lifting table. Check lifting table on the following points before operation.

- 1) Check for scratch, bending or cracking on the lifting table.
- 2) Check if there is any oil leakage from the cylinder.
- 3) Check the vertical creep of the table.
- 4) Check the smooth movement of the wheels.
- 5) Check the function of brake.
- 6) Check if all the bolts and nuts are tightened firmly.

CAUTION: DO NOT use lifting table if any malfunction or fault is found.

4. OPERATING LIFTING TABLE

4.1 How to use the brake.

CAUTION: Brake lift when not moving it in order to prevent sudden movement.
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The brake is equipped with the swivel caster on the right side.

- 1) Brake the wheel, press the brake pedal.
- 2) Release the brake, lift up the brake pedal.

4.2 Lifting the table

WARNING

- | |
|---|
| <ol style="list-style-type: none">1) DO NOT overload lift table. Stay within its rated capacity.2) DO NOT side or end. Load must be distributed on at least 80% of table area. |
|---|

Press the lifting pedal several times until the table reaches the desired position. The table does not elevate after reaching the highest position even if the lifting pedal is pressed. The table lowers slightly after reaching the highest position.

MAXIMUM CAPACITY OF TABLE: 150kg / 330LBS

NOTE:

The hydraulic cylinder is designed to hold table. As is the nature of hydraulic system, table lowers very slowly over an extended period of time. Please note the table does not stay at the same position indefinitely.

4.3 Lowering table

WARNING: DO NOT put foot or hand in scissors mechanism

- Knob rotating makes table down..

5. Specifications

Model	Capacity (kg)	Table (Mm)	Table Height (mm)	Wheel (Mm)
TF15S	100	700x450	220-720	Φ100
TF30S	250	815X500/850X500	285-880	Φ125
TF35S	350	910x500	355-1300	Φ125
TF50S	450	815X500/850X500	285-880	Φ125

The noise level of this lifting table is less than 70dB.

6. Service Instructions

6.1 Lubricate each point described below every month:

6.2 Change hydraulic oil every 12 months.

Lubricating Points

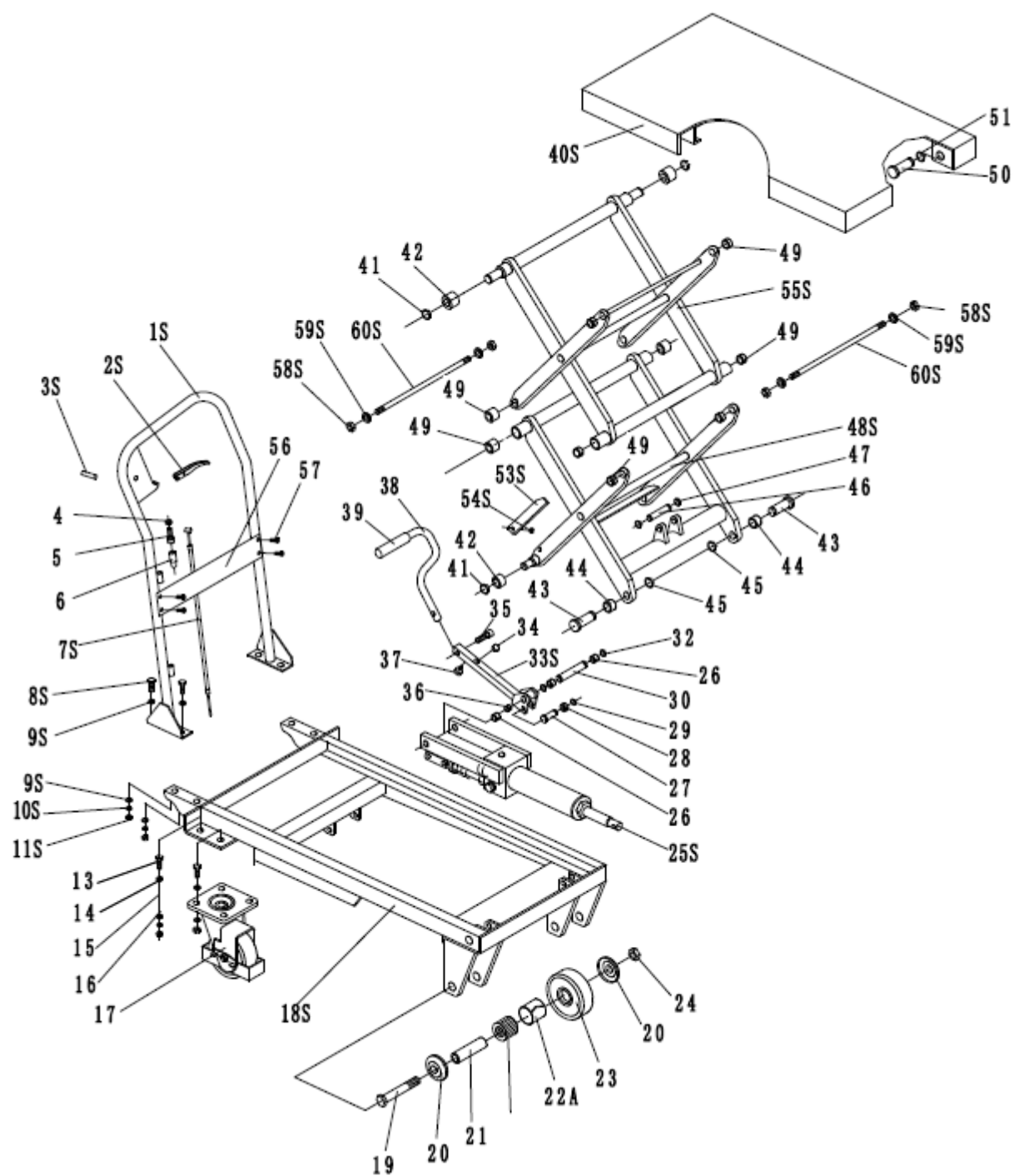
- 1) Fitting of cylinder---Oil
- 2) Roller friction surface---Grease
- 3) Link pin ---Oil
- 4) Pedal fitting point---Oil
- 5) Grease nipple---Grease

6.3 Do not attempt to repair the lifting table unless you are trained and authorized to do so.

Disposal: After placing out of service, the lifting table parts must be disposed of or recycled in accordance with legal provisions.

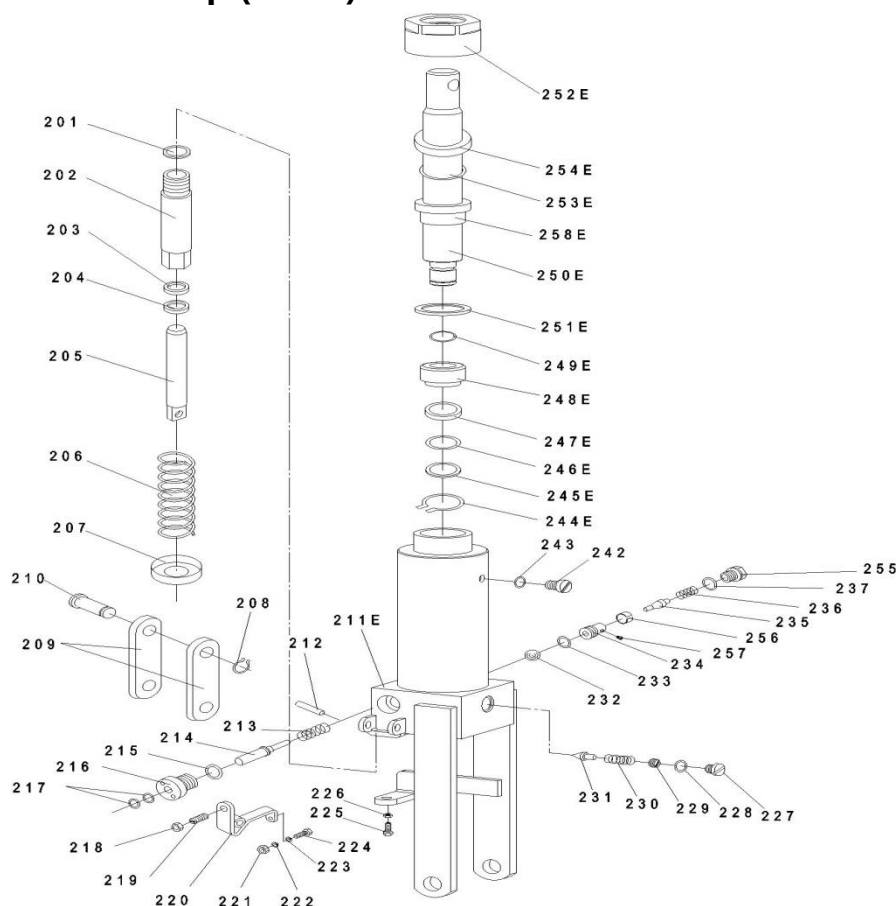
Inspections: In accordance with Section 37 of the VBG 36 (BVG D27) the lifting Table must be inspected by a competent technical expert at least once per year, and otherwise as required.

7. Part List of Table (TF15S)



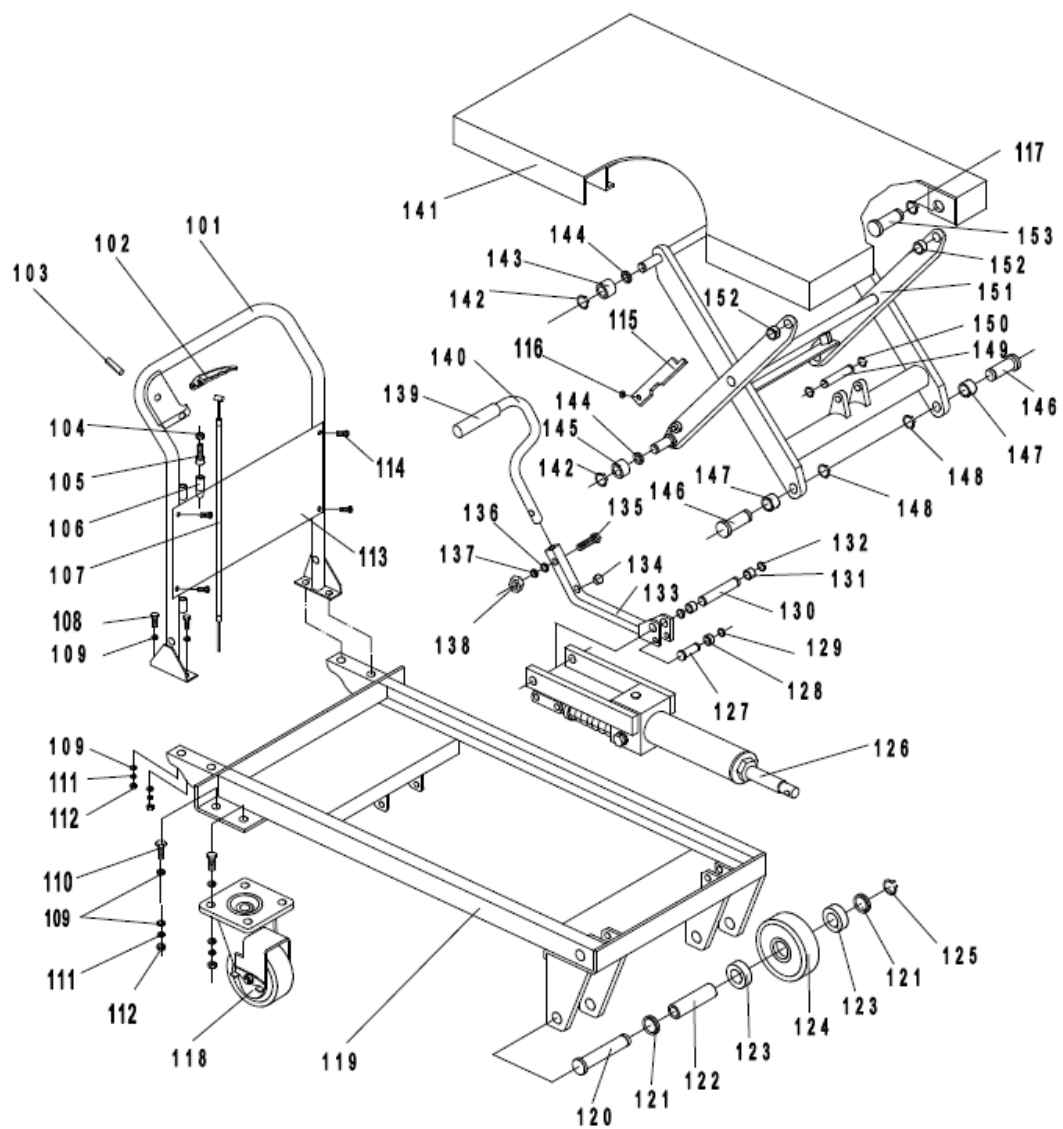
No	Description	Qty.	No	Description	Qty.
1S	Handle Grip	1	32	Retaining Ring	2
2S	Control Handle	1	33S	Connecting	1
3S	Elastic Pin	1	34	Cushion	1
4	Nut	1	35	Bolt	1
5	Bolt With Hole	1	36	Bushing	2
6	Jacket	1	37	Cushion	1
7S	Pull Line	1	38	Pedal Bar	1
8S	Bolt	12	39	Protecting Cover	1
9S	Washer	12	40S	Table	1
10S	Elastic Washer	12	41	Retaining Ring	4
11S	Nut	12	42	Roller	4
13	Elastic Washer	8	43	Pin	2
14	Washer	8	44	Bushing	2
15	Elastic Washer	12	45	Retaining Ring	2
16	Nut	12	46	Pin	1
17	Universal Wheel	2	47	Retaining Ring	2
18S	Frame	1	48S	Fork Arm	1
19	Bolt	2	49	Bushing	8
20	Dust Cover	4	50	Pin	2
21	Axle	2	51	Retaining Ring	2
22A	Bearing	2	52		
23	Wheel	2	53S	Support Plank	2
24	Nut	2	54S	Nut	2
25S	Pump Unit	1	55S	Top Fork Arm	1
26	Washer	2	56	Protecting board	1
27	Pin	1	57	Bolt	4
28	Washer	1	58S	Nut	4
29	Retaining	1	59S	Washer	4
30	Pin	1	60S	Long Shaft	2

8. Part List of Pump (TF15S)



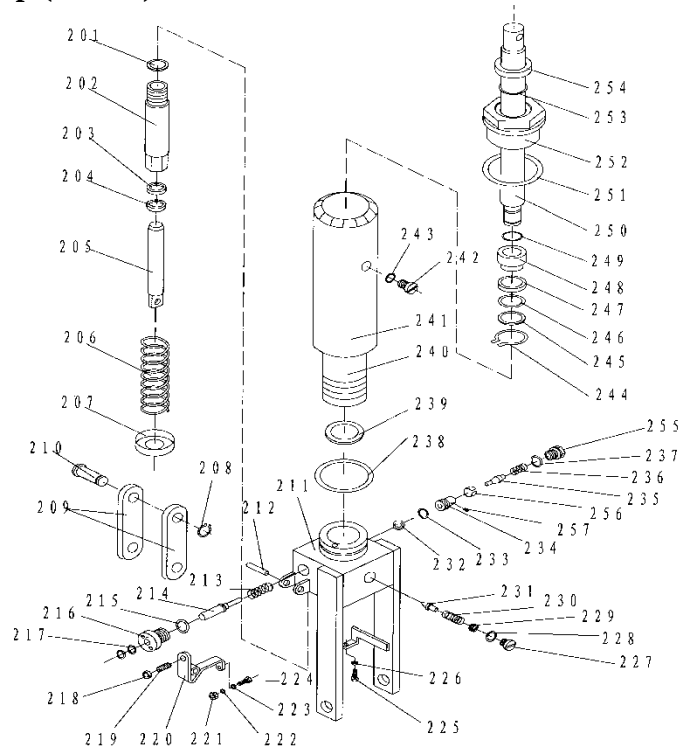
No	Description	Qty.	No	Description	Qty.
201	Seal Washer	1	228	O - Ring	1
202	Pump Cylinder	1	229	Adjusting Bolt	1
203	Dust Ring	1	230	Spring	1
204	Y - Seal	1	231	Spindle of Safety Valve	1
205	Pump Piston	1	232	Steel Ball	1
206	Spring	1	233	O - Ring	1
207	Spring Cap	1	234	Seat of Pumping Valve	1
208	Retaining Ring	1	235	Spindle of Pumping Valve	1
209	Joint Plate	2	236	Spring	1
210	Pin	1	237	Seal Washer	1
211E	Pump Body	1	242	Bolt	1
212	Elastic Pin	1	243	Seal Washer	1
213	Spring	1	244E	Retaining Ring	1
214	Strike Pin	1	245E	Washer	1
215	Seal Washer	1	246E	O - Ring	1
216	Axle Sleeve	1	247E	Cup Packing	1
217	O - Ring	2	248E	Piston	1
218	Nut	1	249E	O - Ring	1
219	Screw	1	250E	Piston Rod	1
220	Lever Plate	1	251E	Seal Washer	1
221	Nut	1	252E	Cylinder Cap	1
222	Elastic Washer	1	253E	O - Ring	1
223	Washer	1	254E	Dust Ring	1
224	Bolt with Hole	1	255	Plug	1
225	Bolt with Hole	1	256	Liquid Throttle Sheath	1
226	Nut	1	257	Bolt	1
227	Plug	1	258E	Sleeve	1

9. Part List of Table (TF30S)



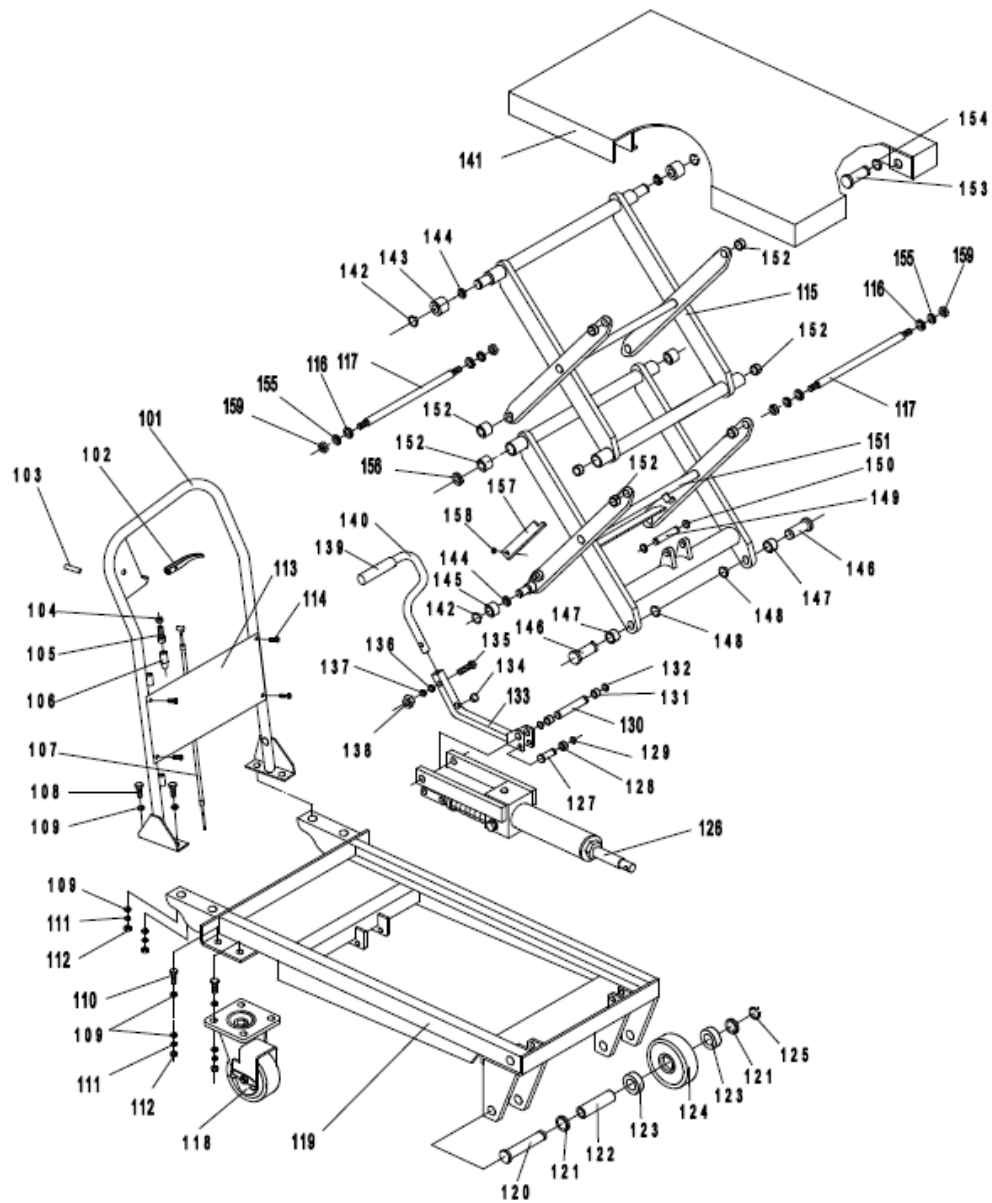
No	Description	Qty.	No	Description	Qty.
101	Handle Grip	1	131	Washer	2
102	Control Handle	1	132	Retaining Ring	2
103	Elastic Pin	1	133	Connecting Rod	1
104	Nut	1	134	Cushion	1
105	Bolt with Hole	1	135	Bolt	1
106	Jacket	1	136	Washer	1
107	Pull Rod	1	137	Elastic Washer	1
108	Bolt	12	138	Nut	1
109	Washer	12	139	Protecting Cover	1
110	Bolt	12	140	Pedal Bar	1
111	Elastic Washer	12	141	Table	1
112	Nut	12	142	Retaining Ring	4
113	Protecting board	1	143	Roller	2
114	Bolt	4	144	Washer	4
115	Support Plank	2	145	Roller	2
116	Nut	2	146	Pin	2
117	Retaining Ring	2	147	Bushing	2
118	Universal Wheel	2	148	Retaining Ring	2
119	Frame	1	149	Pin	1
120	Pin	2	150	Retaining Ring	2
121	Washer	4	151	Fork Arm	1
122	Axle	2	152	Bushing	2
123	Bearing	4	153	Pin	2
124	Wheel	2			
125	Retaining Ring	2			
126	Pump Unit	1			
127	Pin	1			
128	Washer	1			
129	Retaining Ring	1			
130	Pin	1			

10. Part List of Pump (TF30S)



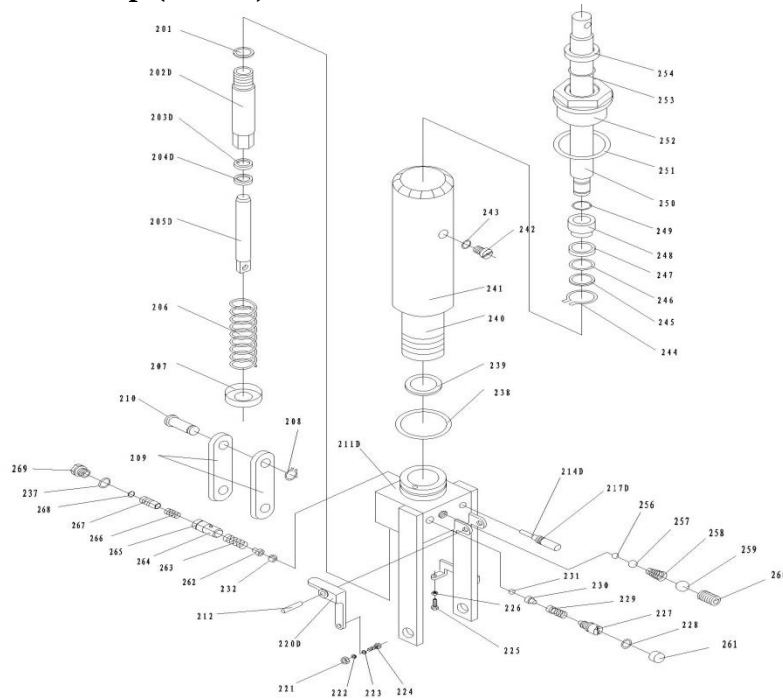
No	Description	Qty.	No	Description	Qty.
201	Seal Washer	1	230	Spring	1
202	Pump Cylinder	1	231	Spindle of Safety Valve	1
203	Dust Ring	1	232	Steel Ball	1
204	Y - Seal	1	233	O-Ring	1
205	Pump Piston	1	234	Seat of Pumping Valve	1
206	Spring	1	235	Spindle of Pumping Valve	1
207	Spring Cap	1	236	Spring	1
208	Retaining Ring	1	237	Seal Washer	1
209	Joint Plate	2	238	O - Ring	1
210	Pin	1	239	Seal Washer	1
211	Pump Body	1	240	Cylinder	1
212	Elastic Pin	1	241	Housing	1
213	Spring	1	242	Bolt	1
214	Strike Pin	1	243	Seal Washer	1
215	Seal Washer	1	244	Retaining Ring	1
216	Axle Sleeve	1	245	Washer	1
217	O - Ring	2	246	O - Ring	1
218	Nut	1	247	Cup Packing	1
219	Screw	1	248	Piston	1
220	Lever Plate	1	249	O - Ring	1
221	Nut	1	250	Piston Rod	1
222	Elastic Washer	1	251	Seal Washer	1
223	Washer	1	252	Cylinder Cap	1
224	Bolt with Hole	1	253	O - Ring	1
225	Bolt with Hole	1	254	Dust Ring	1
226	Nut	1	255	Plug	1
227	Plug	1	256	Liquid Throttle Sheath	1
228	O - Ring	1	257	Bolt	1
229	Adjusting Bolt	1			

11. Part List of Table (TF35S)



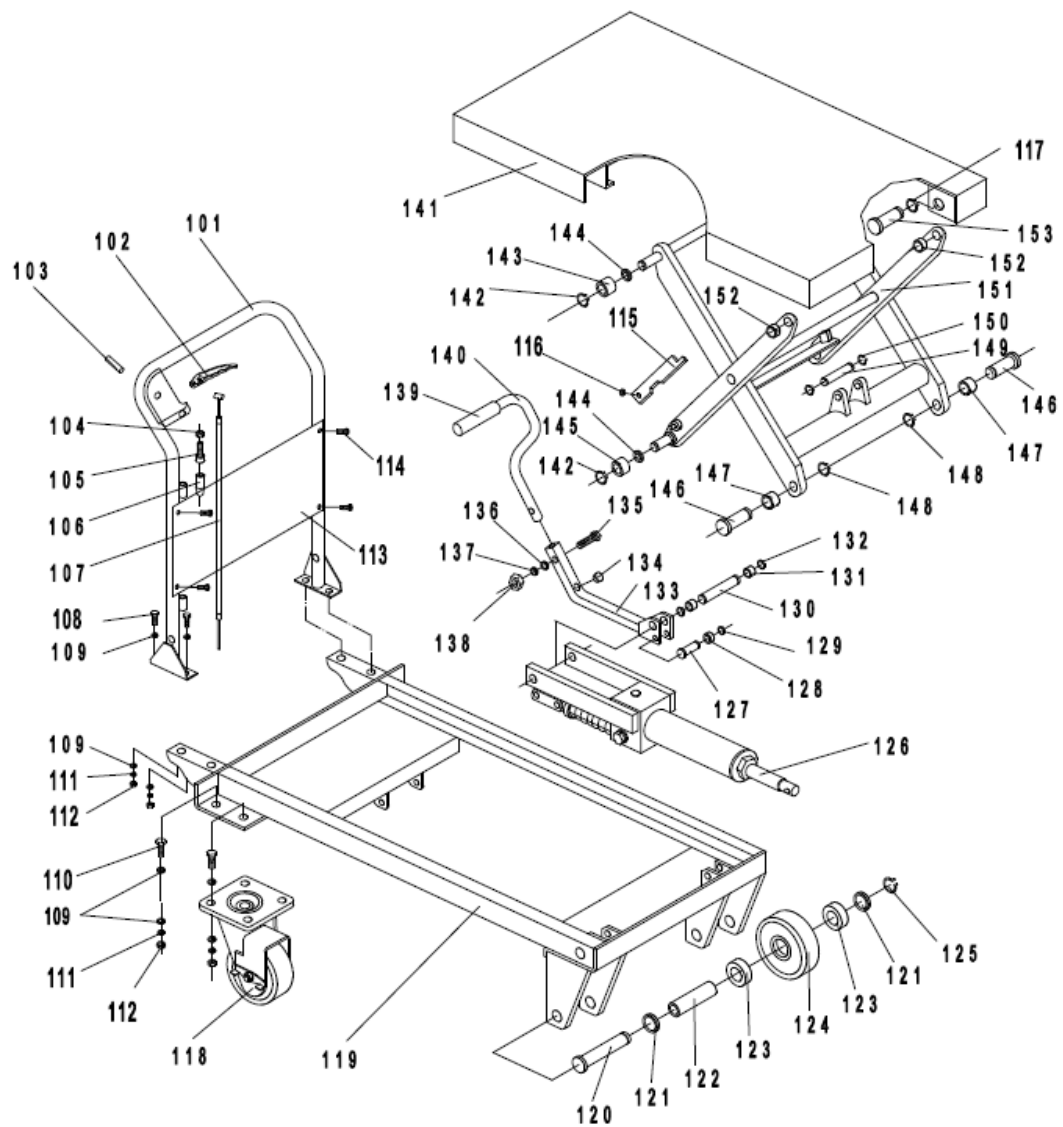
No	Description	Qty.	No	Description	Qty.
101	Handle Grip	1	133	Connecting Rod	1
102	Control Handle	1	134	Cushion	1
103	Elastic Pin	1	135	Bolt	1
104	Nut	1	136	Washer	1
105	Bolt with Hole	1	137	Elastic Washer	1
106	Jacket	1	138	Nut	1
107	Pull Rod	1	139	Protecting Cover	1
108	Bolt	12	140	Pedal Bar	1
109	Washer	12	141	Table	1
110	Bolt	12	142	Retaining Ring	4
111	Elastic Washer	12	143	Roller	2
112	Nut	12	144	Washer	4
113	Protecting board	1	145	Roller	2
114	Bolt	4	146	Pin	2
115	Top Fork Arm	1	147	Bushing	2
116	Washer	4	148	Retaining Ring	2
117	Long Shaft	2	149	Pin	1
118	Universal Wheel	2	150	Retaining Ring	2
119	Frame	1	151	Fork Arm	1
120	Pin	2	152	Bushing	4
121	Washer	4	153	Pin	2
122	Axle	2	154	Retaining Ring	2
123	Bearing	4	155	Washer	4
124	Wheel	2	156	Washer	2
125	Retaining Ring	2	157	Support Plank	2
126	Pump Unit	1	158	Nut	2
127	Pin	1	159	Nut	4
128	Washer	1			
129	Retaining Ring	1			
130	Pin	1			
131	Washer	2			
132	Retaining Ring	2			

12. Part List of Pump (TF35S)



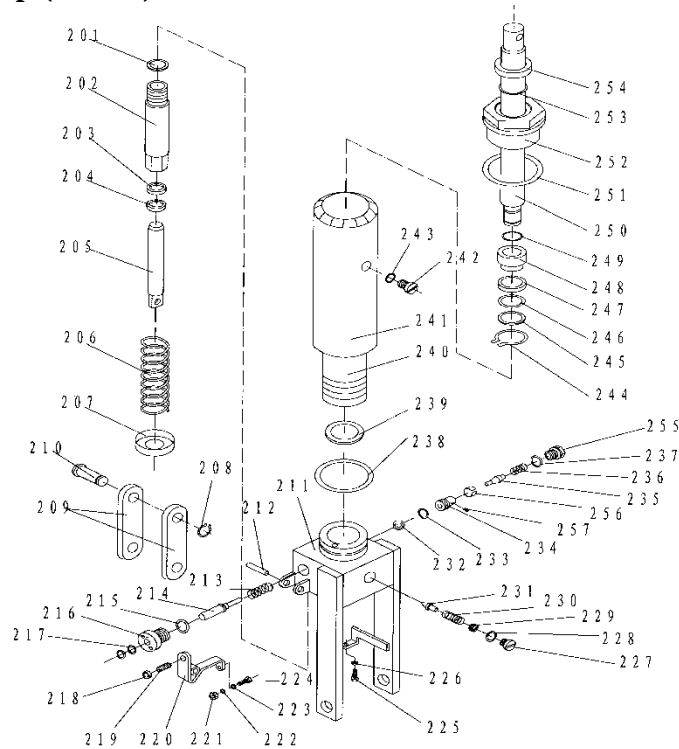
No	Description	Qty.	No	Description	Qty.
201	Seal Washer	1	240	Cylinder	1
202D	Pump Cylinder	1	241	Housing	1
203D	Dust Ring	1	242	Bolt	1
204D	Y-Seal	1	243	Seal Washer	1
205D	Pump Piston	1	244	Retaining Ring	1
206	Spring	1	245	Washer	1
207	Spring Cap	1	246	O-Ring	1
208	Retaining Ring	1	247	Cup Packing	1
209	Joint Plate	2	248	Piston	1
210	Pin	1	249	O-Ring	1
211D	Pump Body	1	250	Piston Rod	1
212	Elastic Pin	1	251	Seal Washer	1
214D	Surke Pin	1	252	Cylinder Cap	1
217D	O-Ring	2	253	O-Ring	1
220D	Lever Plate	1	254	Dust Ring	1
221	Nut	1	256	Steel Ball	1
222	Elastic Washer	1	257	Steel Ball	1
223	Washer	1	258	Spring	1
224	Bolt With Hole	1	259	Steel Ball	1
225	Bolt With Hole		260	Screw	1
226	Nut	1	261	Cup	1
227	Adjusting Bolt	1	262	Seat of Steel Ball	1
228	O-Ring	1	263	Spring	1
229	Spring	1	264	Seat of Valve	1
230	Seat of Steel Ball	1	265	O-Ring	1
231	Steel Ball	1	266	Spring	1
232	Steel Ball	1	267	Core of Valve	1
237	Seal Washer	1	268	Retaining Ring	1
238	O-Ring	1	269	Plug	1
239	Seal Washer	1			

13. Part List of Table (TF50S)



No	Description	Qty.	No	Description	Qty.
101	Handle Grip	1	131	Washer	2
102	Control Handle	1	132	Retaining Ring	2
103	Elastic Pin	1	133	Connecting Rod	1
104	Nut	1	134	Cushion	1
105	Bolt with Hole	1	135	Bolt	1
106	Jacket	1	136	Washer	1
107	Pull Rod	1	137	Elastic Washer	1
108	Bolt	12	138	Nut	1
109	Washer	12	139	Protecting Cover	1
110	Bolt	12	140	Pedal Bar	1
111	Elastic Washer	12	141	Table	1
112	Nut	12	142	Retaining Ring	4
113	Protecting board	1	143	Roller	2
114	Bolt	4	144	Washer	4
115	Support Plank	2	145	Roller	2
116	Nut	2	146	Pin	2
117	Retaining Ring	2	147	Bushing	2
118	Universal Wheel	2	148	Retaining Ring	2
119	Frame	1	149	Pin	1
120	Pin	2	150	Retaining Ring	2
121	Washer	4	151	Fork Arm	1
122	Axle	2	152	Bushing	2
123	Bearing	4	153	Pin	2
124	Wheel	2			
125	Retaining Ring	2			
126	Pump Unit	1			
127	Pin	1			
128	Washer	1			
129	Retaining Ring	1			
130	Pin	1			

14. Part List of Pump (TF50S)



No	Description	Quantity	No	Description	Quantity
201	Seal Washer	1	230	Spring	1
202	Pump Cylinder	1	231	Spindle of Safety Valve	1
203	Dust Ring	1	232	Steel Ball	1
204	Y - Seal	1	233	O-Ring	1
205	Pump Piston	1	234	Seat of Pumping Valve	1
206	Spring	1	235	Spindle of Pumping Valve	1
207	Spring Cap	1	236	Spring	1
208	Retaining Ring	1	237	Seal Washer	1
209	Joint Plate	2	238	O - Ring	1
210	Pin	1	239	Seal Washer	1
211	Pump Body	1	240	Cylinder	1
212	Elastic Pin	1	241	Housing	1
213	Spring	1	242	Bolt	1
214	Strike Pin	1	243	Seal Washer	1
215	Seal Washer	1	244	Retaining Ring	1
216	Axle Sleeve	1	245	Washer	1
217	O - Ring	2	246	O - Ring	1
218	Nut	1	247	Cup Packing	1
219	Screw	1	248	Piston	1
220	Lever Plate	1	249	O - Ring	1
221	Nut	1	250	Piston Rod	1
222	Elastic Washer	1	251	Seal Washer	1
223	Washer	1	252	Cylinder Cap	1
224	Bolt with Hole	1	253	O - Ring	1
225	Bolt with Hole	1	254	Dust Ring	1
226	Nut	1	255	Plug	1
227	Plug	1	256	Liquid Throttle Sheath	1
228	O - Ring	1	257	Bolt	1
229	Adjusting Bolt	1			

ATTENTION:

1. The worn batteries and accumulators were solid wastes with danger.They are harmful to our health and environment. to avoid polluting with the leaking liquid,we should put the replacements into a special and leak-tight container.To avoid the hurt to people,it should be put away from the place people lived and worked with a warning sticker.The collected worn batteries and accumulators should be handed in to a competent institution according to the local statute.
2. The waste packages should be sorted and put into solid dustbins according to the materials and be collected disposal by local special environment protection bureau. To avoid pollution, it's forbidden to throw away the wastes random.
3. To avoid leaking during the use of the products, the user should prepare some absorbable materials (scraps of wooden or dry duster cloth) to absorb the leaking oil in time. To avoid second pollution to the environment, the used absorbable materials should be handed in to the special department in term of the local statute.