

Operation Manual Of Horizontal Hydraulic Jack

The Product with its proper structure nice appearance, safe operation as well s high performance is designed to be characteristic of advanced hydraulic circuit quick rising to load and easy adjustment of the centre-of-gravity position of load. Thus it is very available in repair of Vehicles and Machinery

I. Major Data for Reference:

Type	TR50002	TR100002
Elevating Capacity (t)	5 TON	10 TON
Elevating Height (mm)	420	400
Minimum Height (mm)	160	180
Maximum Height (mm)	580	580
Net Weight (kg)	92	143
Gross Weight (kg)	108	165
Apparent Size (mm)	1460*380*205	1590*480*265
Package Size (mm)	1520*425*310	1630*520*380

II. Instruction for Operation

1. Elevation

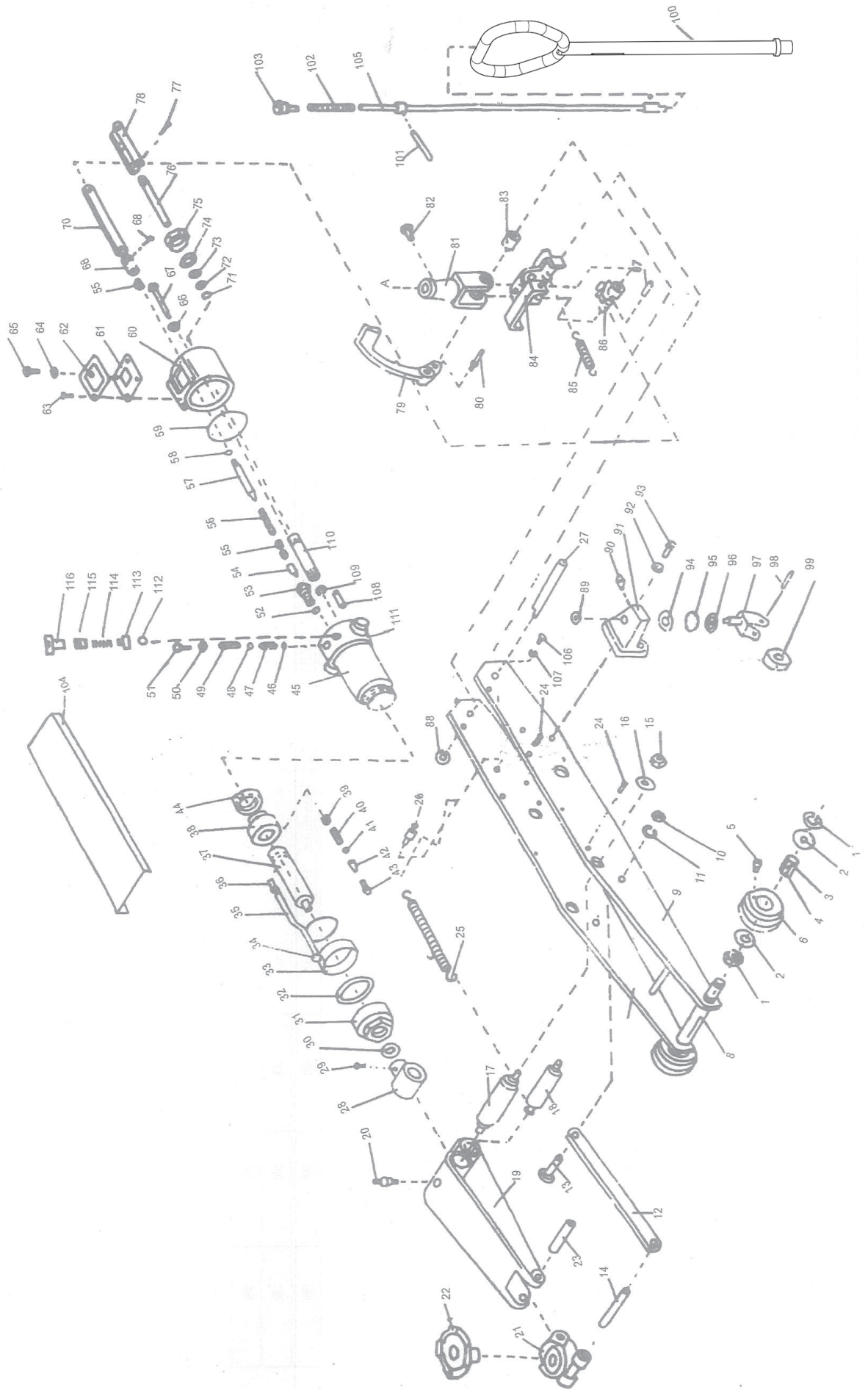
- a. Put the rod into the saddle, and tighten the seat screw which should be plunged to the location hole in the rod.
- b. Raise the control rod to the upper function and pull the handle up and down, repeated while the arm starts to rise, the arm tray should be focused to the centre of the load before it reaches the required height.
- c. In case that the tray is too low from the load, Please use the foot pedal so as to get to the load fast.

2. Discharge

Turn the handle to the right position in the bow shaped hole and pull the control rod down to the low function, and turn it around to the notch so as to start the gear to bleed oil , and the arm will descend.

III. Caution

1. Be sure to following the processes in the instruction.
2. No overload or eccentric load.
3. To be used on the hard flat ground to avoid tipping and trapping,
4. Do not adjust relief valve casually.
5. Only No.10# machine oil be applied the jack, Braking oil is forbid.
6. Cushion blocks should be used to support load.
7. All the moving parts should be kept clean and often with fluid oil.



REF. NO.:	PART NO.:	QTY / SET	DESCRIPTION
61	5-12-20	1	DIAPHRAGM , OIL , TANK
62	5-12-19	1	COVER , OIL , TANK
63	GB66-76	1	BOLT
64	5-12-18	1	PACKING , FIBER
65	GB30-76	4	BOLT
66	5-12-29	1	PACKING , FIBER
67	GB30-76	1	SET SCREW , HANDLE
68	5-12-22	1	FORK
69	GB91-76	1	PIN , COTTER
70	5-14	1	CONNECTING BAR , RELEASE VALVE
71	GB1235-76	1	O-RING
72	GB1235-76	1	RING , BACK-UP
73	5-12-25	1	SEAL , OIL
74	5-12-23	1	PACKING , RUBBER
75	5-12-27	1	NUT , LOCK
76	5-12-24	1	PLUNGER , PUMP
77	5-34	1	CONNECTING PIN , PLUNGER
78	5-33	1	BAR , CONNECTING
79	5-29	1	PEDAL FOOT
80	5-29-1	1	PIN , FOOT PEDAL
81	5-19	1	FORK , HANDLE
82	GB30-76	1	SET SCREW , HANDLE
83	5-31	1	COLLAR
84	5-17	1	BRACKET , HANDLE FORK
85	5-15	1	SPRING
86	5-20	1	STEP , CAM
87	5-16	1	PIN
88	5-32	1	WASHER
89	5-22-02	2	CAP (2 PIECES)
90	GB1152-74	2	NIPPLE GREASE
91	5-22-01	2	BRACKET , CASTOR (2 PIECES)
92	GB859-76	4	WASHER , SPRING
93	GB30-76	4	BOLT
94	5-22-04	2	RING , RACE , UPPER (2 PIECES)
95	GB308-77	38	BALL , STEEL (38 PIECES)
96	5-22-05	2	RING RACE LOWER
97	5-22-06	2	FORK CASTOR (2 PIECES)
98	5-22-07	2	SHAFT , REAR , WHEEL (2 PIECES)
99	5-22-08	2	WHEEL , REAR (2 PIECES)
100	5-16-04	1	HANDLE (1 PIECE)
101	5-16-05	1	CONTROL LEVER VALVE (1 PIECE)
102	5-16-07	1	SPRING (1 PIECE)
103	5-16-09	1	CAP , HANDLE (1 PIECE)
104	5-13	1	COVER
105	5-16-03	1	CONTROL , ROD , VALVE (1 PIECE)
106	GB36-76	4	BOLT
107	GB93-66	4	WASHER SPRING
108	5-12-00	1	STRAINE , OIL
109	5-12-30	1	PACKING , COPPER
110	5-12-26	1	CYLINDER , PUMP
111	5-12-11	1	BOX , OIL (1 PIECE)
112	GB308-77	1	BALL , STEEL
113	5-12-44	1	POST , RELEASE
114	5-12-43	1	SPRING
115	5-12-42	1	SLOTTED SET SCREW WITH CHAMFERED END
116	5-12-41	1	SLOTTED PAN HEAD SCREW

REF. NO.:	PART NO.:	QTY / SET	DESCRIPTION
1	GB894-76	2	RING SNAP
2	5-01	4	WASHER , FRONT WHEEL
3	5-05	22	GB6 ROLLER
4	5-06	2	ROLLER RETAINER
5	M8X1	2	NIPPLE , GREASE
6	5-03	2	WHEEL FRONT
7	5-02	2	NUT
8	5-04	2	SHAFT , FRONT WHEEL
9	5-36	EACH 1	SIDE PLATE NUT
10	GB52-76	2	NUT
11	GB93-76	2	WASHER SPRING
12	5-27	2	ROD LINK
13	5-26	1	PIN , ROD LINK
14	5-35	1	SPINDLE , LINK ROD
15	GB52-76	2	NUT
16	5-24	2	WASHER
17	5-25	1	PIN , ARM
18	5-10	1	PIN , PISTON
19	5-09	1	ARM (1 PIECE)
20	M8X1	1	NIPPLE , GREASE
21	5-07	1	BASE , SADDLE
22	5-08	1	SADDLE
23	5-37	1	PIN , ARM
24	GB36-76	4	BOLT
25	5-23	2	SPRING
26A	5-38	1	HANGER (rear) , SPRING
26	5-21	2	HANGER (rear) , SPRING
27	5-30	1	SHAFT , HANDLE
28	5-11	1	CONNECTING JOINT , PISTON
29	GB30-76	1	BOLT
30	GB1235-76	2	SEAL OIL
31	5-12-03	1	NUT TANK
32	5-12-35	2	GASKET
33	5-12-04	1	RING
34	5-12-02	1	JOINT OIL HOSE
35	5-12-01	1	OIL HOSE
36	5-12-37	1	CORK
37	5-12-05	1	ROD PISTON
38	5-12-10	1	RETAINER , PISTON , PACKING
39	5-12-09	1	PACKING COPPER
40	5-12-08	1	SPRING BY-PASS
41	GB308-77	1	BALL , STEEL
42	5-12-06	1	ROD BY-PASS
43	5-12-07	1	HOUSING , BY-PASS , VALVE
44	5-12-33	1	PACKING , U-TYPE
45	5-12-34	1	CYLINDER (1 PIECE)
46	GB308-77	1	BALL , STEEL
47	5-12-32	1	SEPARATOR
48	GB308-77	1	BALL , STEEL
49	5-12-13	1	SEPARATOR
50	5-12-12	1	PACKING COPPER
51	GB-21-76	1	BOLT
52	5-12-14	1	PACKING COPPER
53	5-12-15	1	HOUSING , RELEASE VALVE
54	5-12-16	1	VALVE , RELEASE
55	GB54-76	3	NUT LOCK
56	5-12-17	1	SPRING
57	5-12-21	1	CONNECTING ROD RELEASE VALVE
58	GB1235-76	1	O-RING
59	5-?-31	1	PACKING RUBBER
60	5-12-23	1	TANK OIL