

Instruction Manual
MJ522
Mobile Hydraulic Scissor Lift Table
1100 lbs. (500 kg)



KLETON

WARNING!

Read this operation manual carefully and understand fully the operating instructions. Improper use of this unit could result in injury.

- DO NOT put foot or hand in scissor mechanism.
- Keep neighbouring persons away from the unit when in use.
- DO NOT stand in front or behind of lift table when it is in use.
- DO NOT crawl under the table.
- DO NOT put foot in front of rolling wheels.
- DO NOT use lift table on slope or inclined surfaces.
- DO NOT lift or ride people on this unit.

CAUTION!

- DO NOT move this unit when lifting or lowering the bed or when the bed is in an elevated position. (Bed must be lowered when the unit is running)
- DO NOT use this table for any purpose other than it's intended use and do not load with more than the rated capacity.
- DO NOT allow persons to operate this table without complete understanding of its operation.
- DO NOT lower the bed too quickly.
- During loading/unloading operation, do not release the parking brake.
- Load should be distributed on at least 80% of the table area. Stop operation of lift table if load becomes too unstable, do not place objects protruding off edge of the bed.
- DO NOT modify lift table without manufacturers written consent.

Daily Inspection

Daily inspection of this unit is critical in order to locate any malfunction or fault. Check the following daily before operating your lift table.

1. Check for bending or cracking of the lift table.
2. Check for any oil leakage from the cylinder.
3. Check for vertical creep of the table.
4. Check for smooth movement of the wheels.
5. Ensure that brakes are fully functional.
6. Ensure that all nuts and bolts are firmly tightened.

Assembly method

The lift table is packed in a cardboard box. Assembling of the jack up handle and pedal is required.

WARNING: Assembly work must be done on a flat surface; wheels must be chocked to prevent accidental rolling of the unit.

- 1.** Remove nuts and spring washers from the end of handle and insert the handle into the holes on frame. Tighten the handle using removed nuts and washers with the largest hex key supplied in the box.
- 2.** Insert the jack pedal into the pedal pipe and position the tapered side pedal end to right. Tighten the jack pedal using the removed nut and washer with the smallest hex key supplied in the box.

OPERATING THE LIFT TABLE

How to use the brake

The brake is located next to the swivel caster on right hand side.

1. To brake the lift table, press the brake pedal.
2. To release the brake, lift up the brake pedal.

CAUTION: Put lift table in brake mode when stationary in order to prevent sudden movement.

Lifting the Table

To lift the table, press the lifting pedal several times until the table reaches the desired height. The table lowers slightly after reaching the highest position. Maximum Capacity of this table is 1100 lbs. (500 kg).

WARNING: Do not overload lift table, stay within the rated capacity.

Do not load the table on sides or ends only. Load must be distributed on at least 80% of table area.

Lowering the Table

WARNING: DO NOT put foot or hand in scissor mechanism. The rotating knob lowers the table.

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

Specifications

Model	Capacity	Table	Table Height	Foot Pedal Strokes to Elevate	Wheel	Weight
MJ522	500 kg. 1100 lbs.	1600 x 810 mm 63" x 31.9"	286-915 mm 11.25" x 36"	55	127 mm 5"	154 kg. 340 lbs.

Service Instructions

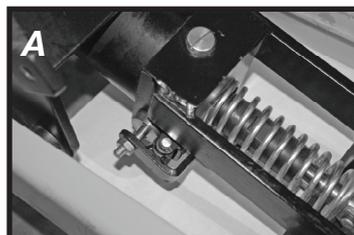
Change hydraulic oil every 12 months

Lubricate the following areas every month: Fitting of Cylinder/oil, Roller Friction Surface/grease, Link Pin/oil, Pedal Fitting Point/oil, Grease Nipple/grease

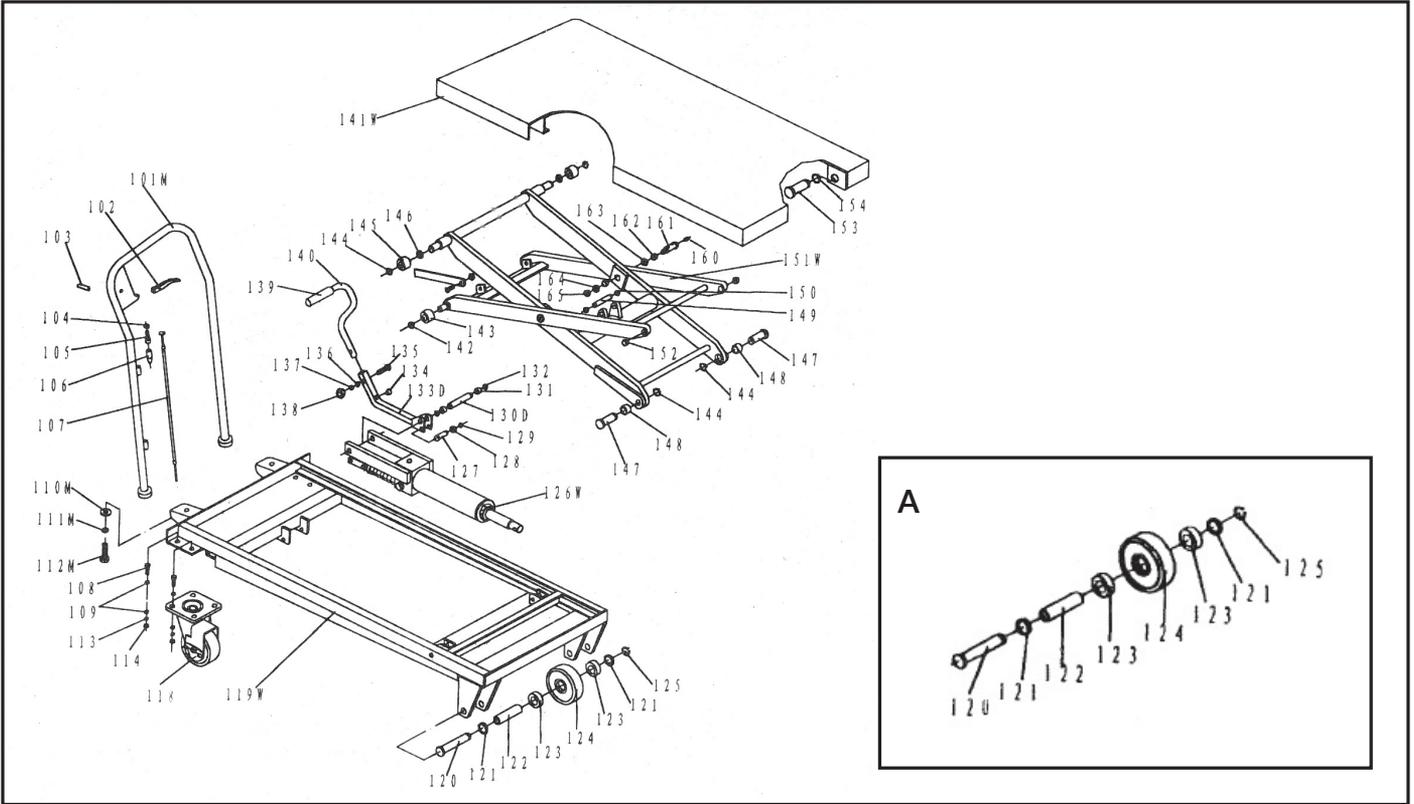
Troubleshooting

If the table does not lift when pressing lifting pedal several times:

- Adjust the control valve located on the hydraulic cylinder (A) by releasing the set screw and locking nut (B) using a flat screwdriver and a 14mm wrench.
- Test the control lever and lifting pedal.



LIFT TABLE PARTS LIST

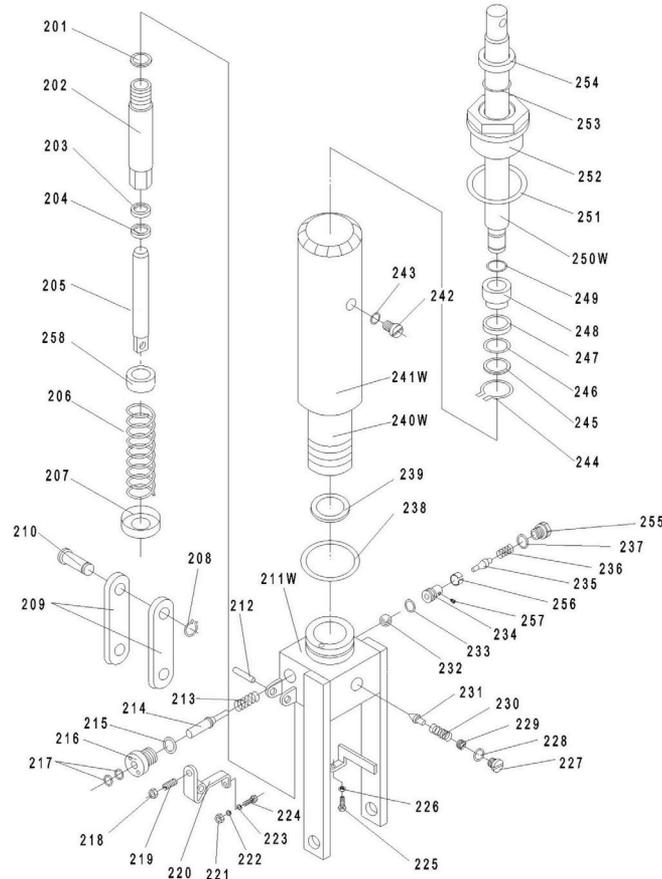


Part No.	Order No.	Description	Qty.
101M		Handle Grip	1
102		Control Handle	1
103		Elastic Pin	1
104		Nut	1
105		Bolt with Hole	1
106		Jacket	1
107	MJ990	Pull Rod	1
108		Bolt	8
109		Washer	16
110M		Big Washer	2
111M		Elastic Washer	2
112M		Bolt	2
113		Elastic Washer	8
114		Nut	8
118	MK114	Universal Wheel	2
119W		Frame	1
120		Pin	2
121		Washer	4
122		Axle	2
123	MK119	Bearing	4

Part No.	Order No.	Description	Qty.
124		Wheel	2
125		Retaining Ring	2
126W	MK122	Pump Unit	1
127		Pin	1
128		Washer	1
129		Retaining Ring	2
130D		Pin	2
131		Washer	2
132		Retaining Ring	2
133D		Connecting Rod	1
134		Cushion	1
135		Bolt	1
136		Washer	1
137		Elastic Washer	1
138		Nut	1
139	MK135	Protecting Cover	1
140		Pedal Bar	1
141W		Table	1
142		Retaining Ring	2
143		Roller	2

Part No.	Order No.	Description	Qty.
144		Retaining Ring	4
145		Roller	2
146		Washer	2
147		Pin	2
148		Bushing	2
149		Pin	1
150		Retaining Ring	2
151W		Fork Arm	1
152		Bushing	2
153		Pin	2
154		Retaining Ring	2
160		Oil Holder	1
161		Shaft	2
162		Bushing	4
163		Washer	2
164		Washer	2
165		Nut	2
A	MN687	Wheel Assembly	2

HYDRAULIC CYLINDER PARTS LIST



Part No.	Order No.	Description	Qty
201		Seal Washer	1
202		Pump Cylinder	1
203	MJ701	Dust Ring	1
204	MJ702	Y-Seal	1
205		Pump Piston	1
206		Spring	1
207		Spring Cap	1
208		Retaining Ring	1
209		Joint Plate	2
210		Pin	1
211		Pump Body	1
212		Elastic Pin	1
213		Spring	1
214		Strike Pin	1
215	MJ713	Seal Washer	1
216		Axle Sleeve	1
217	MJ715	O-Ring	2
218	MK177	Nut	1
219		Screw	1
220		Lever Plate	1

Part No.	Order No.	Description	Qty
221		Nut	1
222		Elastic Washer	1
223		Washer	1
224		Bolt with Hole	1
225		Bolt with Hole	1
226		Nut	1
227		Plug	1
228	MJ726	O-Ring	1
229		Adjusting Bolt	1
230		Spring	1
231		Spindle of Safety Valve	1
232		Steel Ball	1
233	MJ731	O-Ring	1
234		Seat of Pumping Valve	1
235		Spindle of Pumping Valve	1
236		Spring	1
237		Seal Washer	1
238	MJ736	O-Ring	1
239	MJ737	Seal Washer	1

Part No.	Order No.	Description	Qty
240		Cylinder	1
241		Housing	1
242		Bolt	1
243		Seal Washer	1
244		Retaining Ring	1
245		Washer	1
246	MJ744	O-Ring	1
247		Cup Packing	1
248		Piston	1
249	MJ747	O-Ring	1
250		Piston Rod	1
251		Seal Washer	1
252		Cylinder Cap	1
253	MJ751	O-Ring	1
254	MJ752	Dust Ring	1
255		Plug	1
256		Liquid Throttle Sheath	1
257		Bolt	1
258		Ajusting Sleeve	1