

SJY SERIES MOBILE HIGH-LIFTING TABLE

OPERATION INSTRUCTION



You are welcome to use MAXITON brand Mobile High-Lifting Table

CONTENTS

I	General instruction	3
II	Main Structure.....	3
III	Technical Paramet.....	4
IV	Operating Instruction :.....	4
V	Notes for use :.....	5
VI	Trouble shooting	6
VII	Packing list.....	6

Here is a fairly clear instruction book.Be sure to read it carefully before using it.

I General instruction

MAXITON brand SJY series Mobile High-Lifting Table is a equipment for high-altitude equipment installation, maintenance, upholstery and so on , it can be also suitable for transporting cargo up and down in multi-storey workshop , warehouse , work layer , the moving of cargo with height difference in production line , truck loading and unloading and so on .

The hoist cylinder of the products have explosion-proof valve .when the the lifting table is raised to a high place , the leakage of hydraulic system happen or oil pipeline burst , the lifting table can also steady go down .

The products have electric lifting switch and remote control handling switch , the operating staff can control the lifting and lowering on either floor or lifting table .

The products can be equipped the manual pump according to the customer requirement . even if there is no supply of electric power ,the lifting table is available .

Using the products ,please note” without support ,the use is prohibited” .

II Main Structure

Mobile High-Lifting Table is made of panel , guard rail ,roller ,inner forks , outer forks ,joint shaft , underframe ,cylinder ,hydraulic station , electric cabinet ,remote control handling and so on . There are some small differences between different models .

III Technical Parameter

Model	Rated capacity (kg)	Raised Height (mm)	Low height (mm)	Platform size (mm)	Elevating time (s)	Motor Power (kw)	Voltage (V)	Total Weight (kg)
SJY0.3-3	300	3000	770	1300*700	20	0.55	380v/50hz	350
SJY0.2-4	200	4000	850	1500*700	23	0.75	380v/50hz	380
SJY0.5-4.5	500	4500	980	1500*1000	30	0.75	380v/50hz	400
SJY1-4.5	1000	4500	1350	1500*1000	35	1.5	380v/50hz	600
SJY0.3-6	300	6000	950	1780*840	54	1.1	380v/50hz	750
SJY0.5-6	500	6000	950	1780*840	49	1.5	380v/50hz	750
SJY1-6	1000	6000	1500	1800*1000	65	2.2	380v/50hz	1000
SJY0.3-9	300	9000	1500	2150*1000	70	2.2	380v/50hz	1400
SJY0.5-9	500	9000	1400	2000*1000	70	2.2	380v/50hz	1500
SJY1-9	1000	9000	1500	2000*1200	75	3.7	380v/60hz 220v/60hz	2000
SJY0.3-11	300	11000	1600	2150*1200	80	2.2	380v/50hz	2000
SJY0.5-11	500	11000	1600	2150*1200	80	2.2	380v/60hz	2100
SJY0.3-12	300	12000	1600	2350*1350	85	3.7	380v/50hz	2200
SJY0.5-12	500	12000	1600	2350*1350	90	3.7	380v/50hz	2300
SJY0.5-14	500	14000	1800	2600*1500	132	4	380v/50hz	2500
SJY0.3-16	300	1600	1980	2600*1500	100	4	380v/60hz	2600

Remark:

- 1) The part specifications above are listed. The special specification can be made according to custom's demands.
- 2) The voltage is triphase AC 380V/50HZ , compared with single-phase machine , there phase machine have more steady performance . under the premise of meet customer's demands ,the three phase is priority selection .
- 3) Single phase AC220V/50/60HZ or DC 24V can be made according to customer' demands.

IV Operating Instruction :

- 1). Pull out the outriggers , twist the top screw of outriggers by knob , adjust the height of the four outriggers to make the lifting table level with the ground ;

Note : “ without support , the lifting is prohibited ”

2). Connect the 380V power , turn on the power lock and the indicator lights up ,press the button of raising or lowering ,the lifting table will rise and lower .

when operating staff stands on the panel . they can operate the lifting table by operating handle . After connect the power and press the rose button ,if the motor work but lifting table can't be raised , or the motor don't work , the possible reason why is that motor reverse operate or protective device stop the motor work , in that case ,please make the power inverting .

3). If the product is equipped with AC 220 V machine , you must ensure the voltage stabilization. Only the voltage is more than 210 V , the motor can be in good working order. Special attention to the overloading is strictly prohibited .

4). If the product is equipped with DC 24V machine , you should make sure that the battery have enough power adequate electricity in using , the voltage is not less than 20 V , when the voltage is not enough , please charge timely .

V Notes for use :

1). Before using , pull out the four outriggers and make sure the lifting table remains horizontal ,Special attention to “Without support , lifting is prohibited “

2) The actual load shoudn't overtake the rated capacity , Shaking the lifting table Artificially is strictly prohibited .

3) When there are wires , moving object or other obstacles above the lifting table , please raise the lifting table very carefully to ensure safety .

4) The operating staff should understand the function of the lifting table before use and operator must can adapt to aerial work, The person with heart disease or acrophobia is not fit for operating the lifting table .

5). When the force of wind is more than 4 , please stop using the lifting table , when the force of wind reach 3 , the lifting table is prohibited to be raised more than 9 m.

6).The working atmosphere is -10°C - 50°C ; In general hydraulic oil is 46# or 68# , In the cold district , please use the 32# low pour point hydraulic oil (In special cases , you may add some anti-cold liquid). When the total working hours reach 400 hours or 12 months , please change the hydraulic oil .

7). please put grease on turning , moving parts , bearing , pin and hole before use .

8). Before using please check and ensure solid pieces is working order, reliable before

using , and check whether the joints of hydraulic pipe is firm and the motor work in order .
the special attention to limit switch in orbital slots .Once you find the abnormal conditions ,
the using is prohibited without solving .

9). After using , please lower the lifting table to the lowered height .

10). Before moving , please lower the lifting table to the lowered height and raise the
outrigger to the highest location , put back the power in the toolbox .

VI Trouble shooting

Fault phenomenon	Cause analysis	Troubleshooting
No lighting of indicator	The power is off ; The fuse is out .	Change the fuse.
The lifting table can't rise	(1) The motor reverse or not work. (2) The manual unloading valve . don't be closed . (3) The hydraulic oil freeze.	(1) Change the phase wire. (2) Close the unloading valve. (3) Change into the anti-freeze hydraulic oil.
When lifting table is raised with creeping or hydraulic System shake	(1) The hydraulic oil is not enough or have some air . (2) oil suction pipe has air leak .	(1)Add enough hydraulic oil. (2) Repair the oil suction pipe.
The pipe and connection Leak oil	(1) The nut of connection loose . (2) O ring of connection is worn. (3) The pipe are aging and worn .	(1) Screw the nut. (2) Change. (3) Change.
The lifting table lows automatically	(1) The manual valve is turned off strictly . (2) The hydraulic system leaks oil . (3) There are some foreign matter in the sustaining valve. (4) The valve cartridge has a lot of Wear .	(1) Screw down or repair (2) Find out the leaking place and repair it . (3) Clean . (4) Change sustaining valve.
The lifting table can't lower	(1) The coil of lowering solenoid valve burns down. (2) The forks get jammed or there are some foreign matter in the roller table . (3) The hydraulic oil freezes .	(1) Change the coil . (2) Repair the jammed parts and get rid of the foreign matter . (3) Change into the 32# low pour point hydraulic oil or add some antifreeze liquid .

VII Packing list

NO.	Items	Quantity
1	Instruction Manual	1
2	Certificate of compliance	1
3	Adjustable spanner:250mm*30mm	1
4	Cross point screwdriver: 150 mm	1
5	Slotted point screwdriver: 150mm	1
6	Spirit level :0-300mm	1
7	Small size grease gun	1

8	5mm Inner hexagon spanner	1
----------	---------------------------	----------