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// SERVICE // MATERIAL PROCESSING // SURFACE PROTECTION // AUTOMOTIVE

Tire Spreader Instruction Manual

Tire Spreader

Instruction Manual

Caution

- Before using it, please read the manual and all instructions on the manual carefully and fully understand the contents on the manual, which is necessary to protect the user from injury and the machine from damage.
- This machine is only used for tire spreading. It cannot be used for other work. Our company does not take any responsibility for all consequences caused by improper operation.
- Keep the claws clean during the expansion process to avoid sliding due to foreign objects such as grease, which may bring danger to the maintenance work.
- When the machine appears too old or obviously deformed or damaged, please do not use it and dispose of it in accordance with local waste management laws and regulations.
- Professionals operating the machine should wear appropriate protective glasses correctly throughout the process to protect their eyes from damage caused by debris during the maintenance process.
- Add lubricating oil to the oil cup of the oil-water separator in time, and always ensure that the amount of oil in the oil cup accounts for 1/3-2/3 of the total volume.
- Drain water from the oil-water separator when necessary. Regular maintenance can extend the service life of the machine.
- Remove dust and debris after using and machine and check whether the parts are fastened.

Technical Parameter

- Working pressure: 0.6 - 0.8 Mpa
- Suitable Width of Tire: 5.75" - 10.75", NW 49 k g

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Installation

1. Take out the front frame and place it steadily, connect it with a bolt connecting rod, and there is no need to tighten it.
2. Connect the rear frame with a bolt connecting rod, and there is no need to tighten the bolts.
3. Connect the entire upper and lower connecting rods and tighten the bolts to make them one.
4. Install the cylinder, with the cylinder air pipe joint facing the left.
5. Install the left and right triangle plates and connects the air pipes. There is a control valve on the left and an oil-water separator on the right. No need to tighten the bolts.
6. Install the front and rear claws. The front claw is fixed to the front frame with M6 bolts, and the rear claw is fixed to the cylinder shaft.



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7. Install the tool tray, align the threaded holes and tighten all the M5 bolts, then tighten all the bolts, including the bolts of the triangle plate in step 5.



8. Install the roller support frame and the roller. Adjust the height position of the roller according to the tire specifications that are frequently tested.



Operation

The car tire spreader is specially designed to fix and spread tires, for tire polishing, cleaning, patching and other work, equipped with a tool tray to improve work efficiency and make tire repair work more convenient and faster. It is a unique design for personalized usage.

Place this product on a solid ground and keep it flat. It is recommended to fix it with bolts.

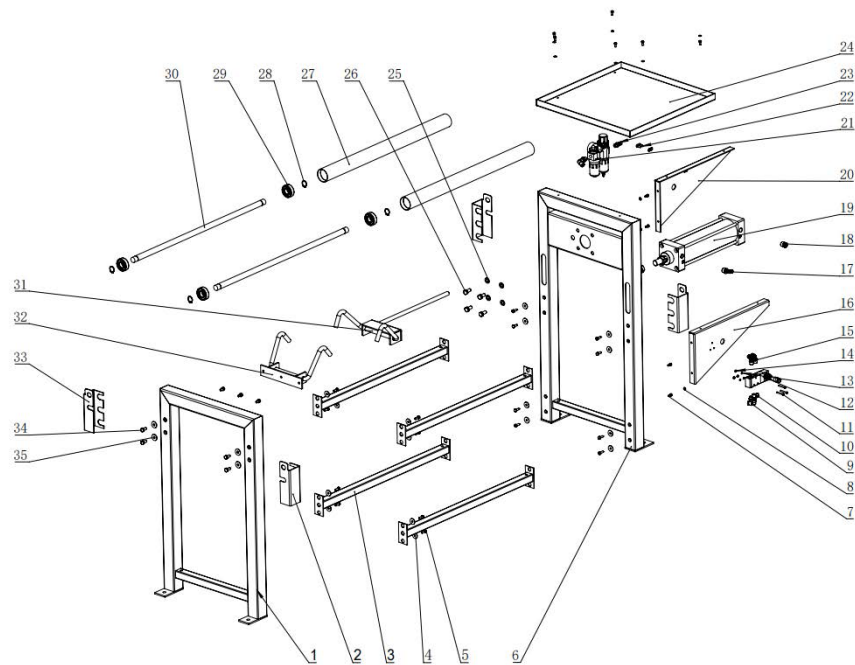
According to the size of the tire that needs to be repaired, adjust the rollers on both sides to the appropriate height. Put the tire expansion hook inside the tire, and if possible, try to put the tire in the middle of the tire support roller. Push the handle lever valve backward to expand the tire. After finishing the job, push forward the handle valve and release the tire, then take off the tire.



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Body Assembly



Ref. No.	Designation	Content
1	Front frame	1
2	Left roller support frame	2
3	Connecting rod	4
4	6.0 enlarged gasket	19
5	M6 x16 hexagonal bolt	19
6	Rear frame	1
7	M5 x10 hexagonal bolt	10
8	5.0 gasket	10
9	Elbow joint PL8-02	2
10	Muffer	2
11	M4 x30 cross bolt	3
12	Hand lever valve 4HA230CP-08	1
13	4.0 spring washer	3
14	M4 nut	3
15	Elbow joint PL6-02	2
16	Left tripod	1
17	Elbow joint PL6-03	1
18	Straight joint PC6-03	1

Ref. No.	Designation	Content
19	Cylinder SC80x250	1
20	Right tripod	1
21	Oil-water separator AFC2000 two-unit device	1
22	M6 hexagonal bolt	2
23	Quick-connect male plug	1
24	Tool tray	1
25	10 gasket	4
26	M10 x 20 gasket	4
27	Roller	2
28	Circlip	4
29	Bearing 6204-2RS	4
30	Roller shaft	2
31	Rear claw	1
32	Front claw	1
33	Right roller support frame	2
34	M8 x16 hexagon bolt	8
35	8.0 gasket	8



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