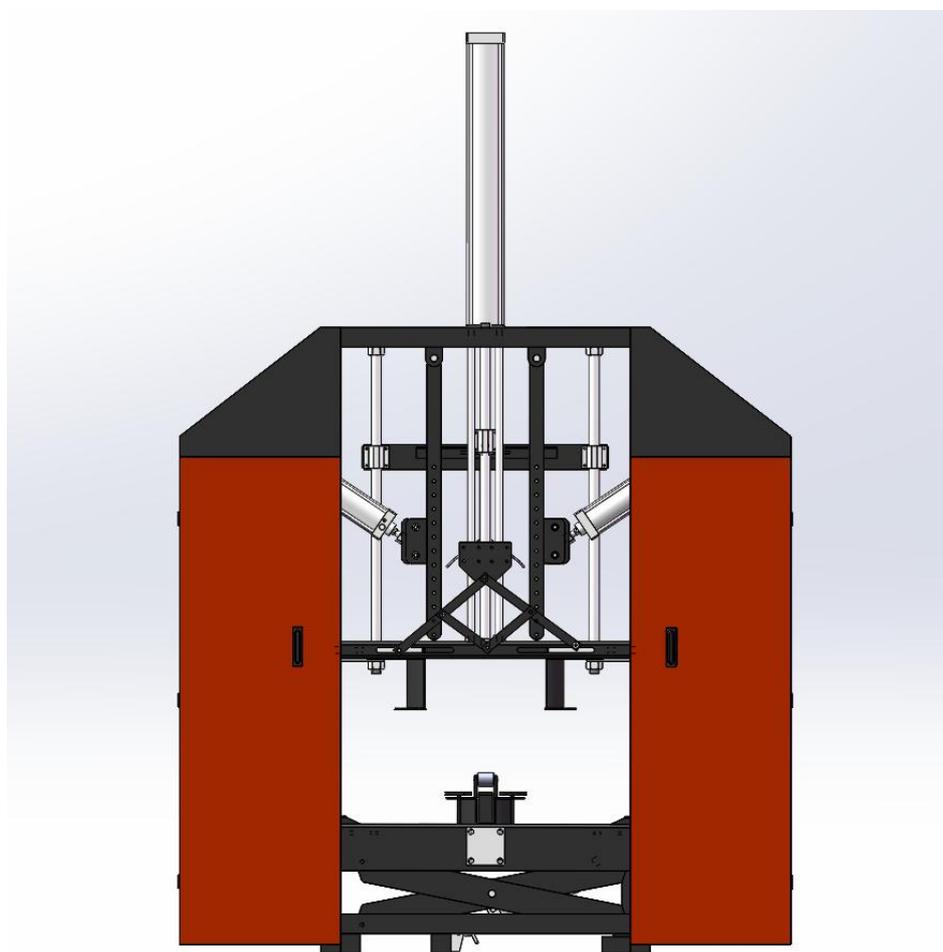


Tire packer

Instruction manual



Preface

Thank you very much for choosing our Tire packer, it is our great honor to be a user of Hian Discory Detection Instrument Co., Ltd. In order to make you proficient in using this equipment as soon as possible, we have provided the equipment with an instruction manual.

This manual is an important part of the equipment and provides operating and safety guidelines so that the user can properly use and maintain the equipment. Before using the equipment for the first time, be sure to read everything in this manual carefully so that you can understand the performance of the equipment and take full advantage of its features. After reading this manual, please keep it safe for future reference.

The content and specifications of this manual will be modified appropriately when needed, and Hian Discory Detection Instrument Co., Ltd. reserves the right to improve and innovate the equipment at any time without prior notice, if the user purchases the equipment and the instruction manual or have any problems, you can choose the following ways to contact us.

1. Service Call: 400-012-6866;
2. Email: postmaster@dscr.com.cn ;
3. Website: <http://www.dscr.com.cn>.

Thank you for your cooperation!

I. Overview:

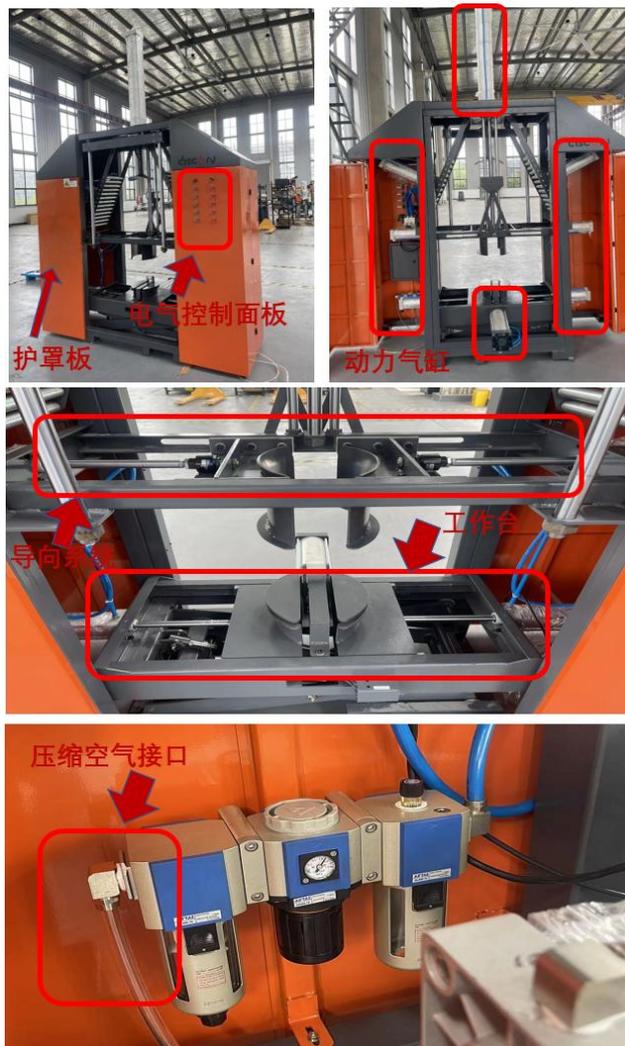
This Tire packer consists of a control panel, a main frame and pneumatic components, etc. The pneumatic tire sleeve machine can compress and pack tires of

different sizes from large to small, which greatly reduces the storage space and transportation cost of tires. This equipment is easy to assemble and simple to operate, and only one manual can complete all the work. With this equipment, a skilled worker can pack 100-120 tires per hour.

II. Main structure and working principle:

2.1 Main structure:

1. Shield plate: protect the safety of parts and personnel.
2. Workbench: The tire is covered on this table.
3. Electrical control panel: used for the control of tire expansion, tire support, tire pressing, and tire pushing action.
4. Power components: a total of 7 cylinders provide power.
5. Guidance system: transverse and longitudinal guide track to ensure the smooth operation of the machine.
6. Compressed air interface.



2.2 working principle:

Tire packer Using 0.6Mpa~0.8Mpa air source as power, when used, the cylinder top open the mechanical tire support structure, the large tire is stretched open, the top tire pressure mechanism under the action of the cylinder, the smaller tire is pressed into the large type of tire, and the flat push mechanism pushes the tire flat and is placed in the large type tire. The tires are pressed into the smaller one in turn, and the tires are put in from the largest to the smallest, saving storage space and reducing transportation costs.

III. Parameters:

Efficiency: 100~120pcs/h;

Maximum number of tires: 4;

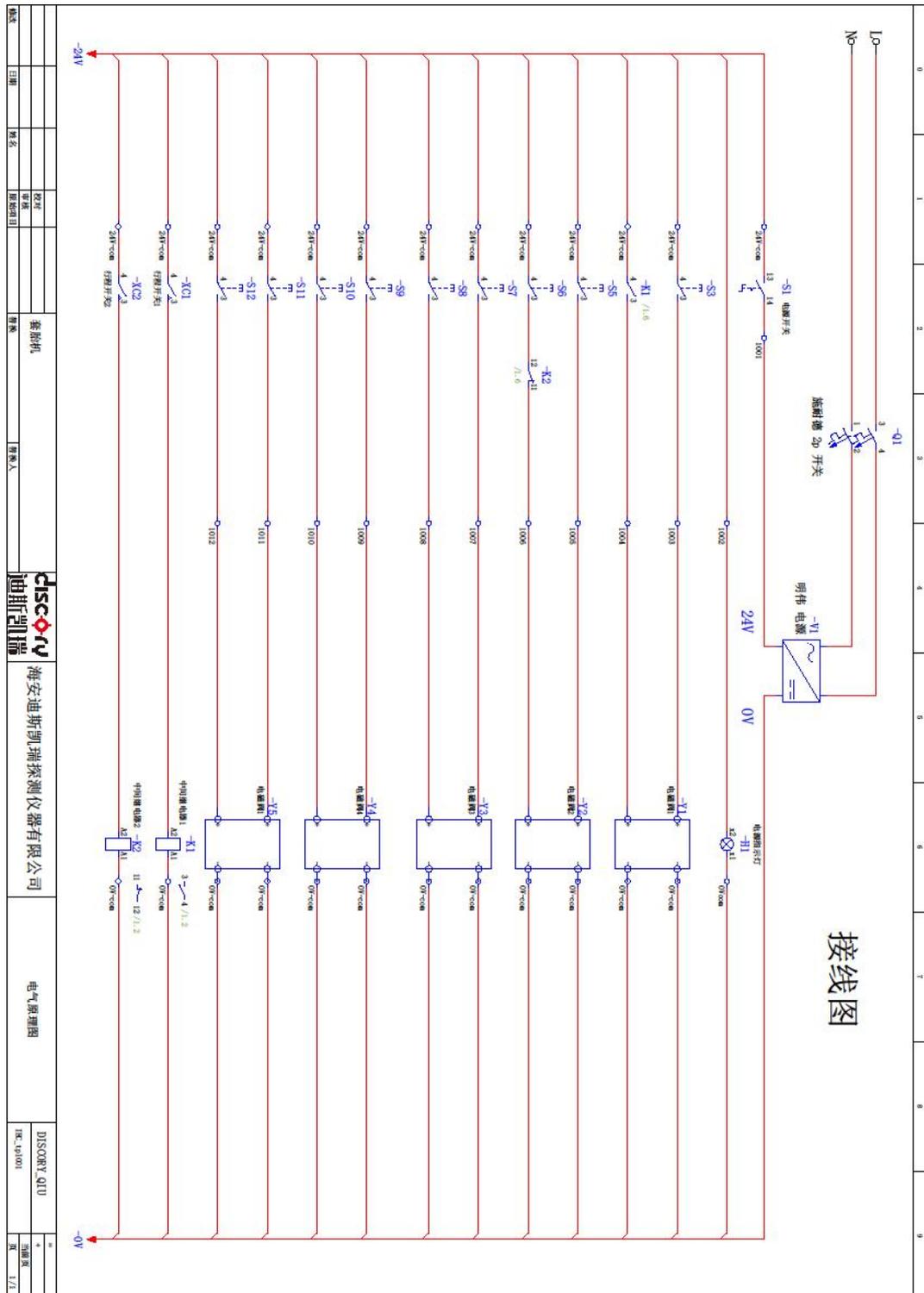
Dimensions: 2240*2240*650mm;

Equipment weight: 760kg;

Electrical parameters

1. Input power: single-phase 100AC~240AC;
2. Input frequency: 50Hz~60Hz;
3. Electrical power: 50W;
4. Air source: compressed air;
5. Air source pressure: 0.6Mpa~0.8Mpa;
6. Air flow: 3.2m³/h

Electrical diagram:



审核	日期	姓名	设计	日期	姓名	审核	日期	姓名
设备名称			海安迪斯凯瑞探测仪器有限公司			电气原理图		
DISCORV_Q10			DK-19101			第 1 / 1 页		

IV. Operation Guide:

1. Introduction to button functions

 電源表示	 オン オフ	电源开关，打开电源指示灯亮。
 サイトブッシュ/ 前進	 サイトブッシュ/ 後退	轮胎平台小推杆，当轮胎接触到底部平台时，及时按下前进按钮，推杆到位后会自动后退，后退按钮根据实际情况而定是否中途后退。
 プレスバー/ 上昇	 プレスバー/ 下降	顶部气缸的下降上升按钮，当需要下压轮胎时按下红色下降，轮胎压入后及时按上方推杆前进按钮，同时按压杆上升按钮，协调操作。
 スイングクランプ/ クローズ	 スイングクランプ/ オープン	夹胎功能按钮，轮胎防止好后，可将夹板夹紧或打开。
 タイヤサポート/ クローズ	 タイヤサポート/ オープン	撑胎功能按钮，可将轮胎左右方向撑开，视被套入轮胎大小而定撑开大小，不宜过大或过小。
 台 / 上昇	 台 / 下降	平台上升下降功能，轮胎防止好后，将轮胎上升至上撑胎挂钩位置，轮胎左右撑开之后，下降平台，上下将轮胎撑开，套入轮胎之后，在左右撑胎放开之前，将平台稍微上升，防止平台下坠。

2. The button corresponds to the action icon

按钮	示意图
 電源表示	电源指示灯
 サイドプッシュ/ 前進	
 プレスバー/ 上昇	
 スイングクランプ/ クローズ	
 タイマサポート/ クローズ	
 台 / 上昇	

按钮	示意图
 オン オフ	左旋开机，右旋关闭
 サイドプッシュ/ 後退	
 プレスバー/ 下降	
 スイングクランプ/ オープン	
 タイヤサポート/ オープン	
 台 / 下降	

3. Working process:

Before operation, please carefully check whether there is leakage in each pipeline system and whether there is loosening of each pipeline interface; Whether there is a

short circuit in the electrical components. If everything is in order, production can begin.

1. Put the tire of the larger one on the platform table, press the platform rise button, and the high-pressure air acts on the platform rising cylinder, and the platform rises into place.



1. Press the expansion tire cylinder button, and 4 expansion tire cylinders act on the upper and lower sides of the tire at the same time to stretch out and fix the tire.



2. Put the small tire on the upper table, press the clamping cylinder button, push the

tire down, and squeeze the tire;



3. At the same time, press and hold the downward pressure cylinder button, press down the cylinder to press the tire down, the tire touches the platform and press the roller forward button instantly, cooperate with the downward pressure cylinder to sleeve the small tire into the large tire, if it is not successful once, this step can be repeated.



4. Repeat the above actions to put into the third and fourth wheel tires, according to the capacity of the large tire sleeve the corresponding small tire, full, generally loaded with 4 tires. The tires that have been put on are removed from the platform and a working cycle is completed.



Notes:

1. At the end of the time, all cylinders are manually operated to the position shown in the figure below, the cylinders are unified to the contraction state, and the action is confirmed to be completed, and then the power and air supply are turned off to prevent malfunction, damage to equipment or injury after the next ventilation.



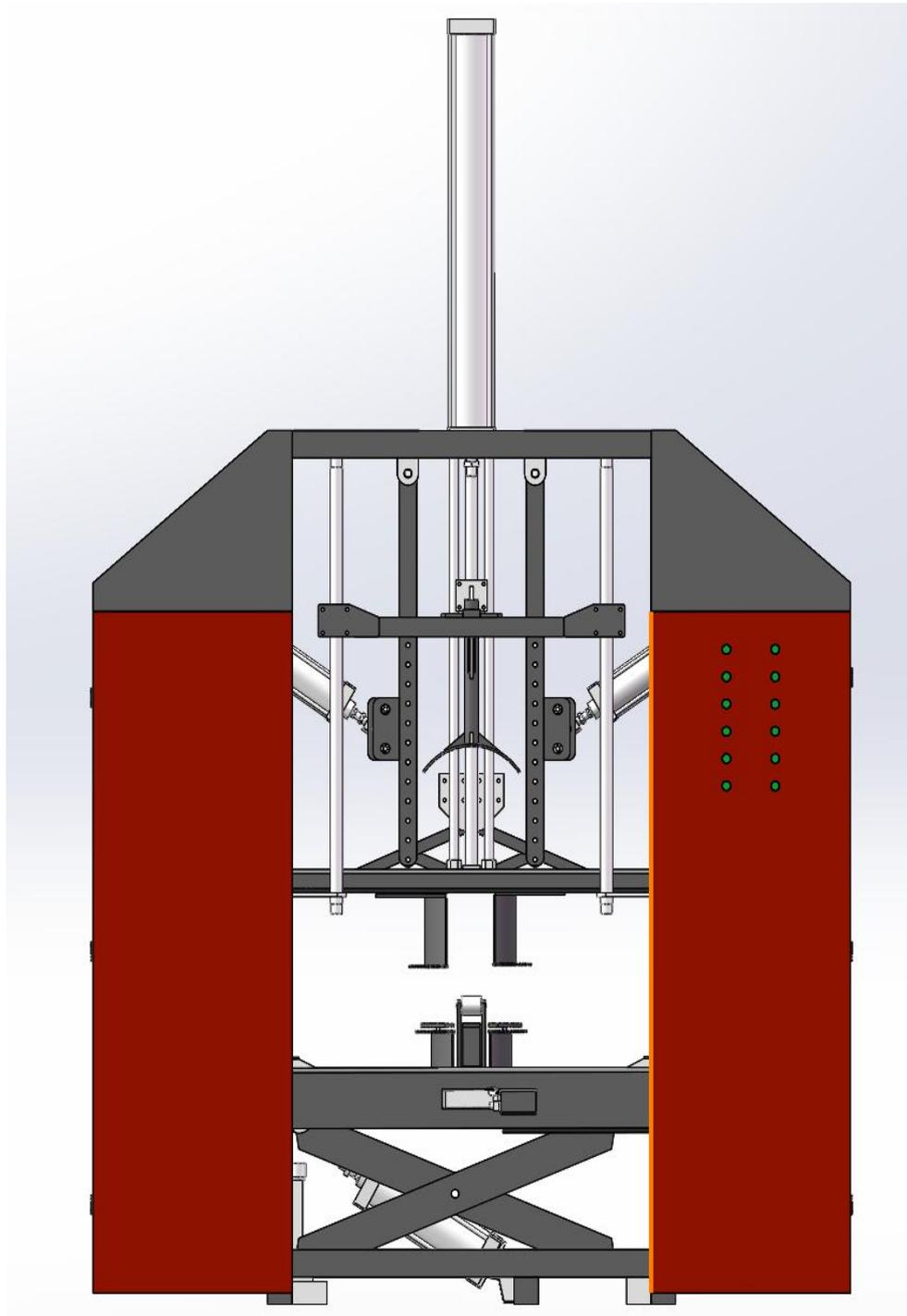
2. The electrical part is strictly protected from water spraying, and the air source processor should be lubricated.
3. When putting tires on, only small tires can be placed in large tires.
4. It is strictly forbidden to open the electric box door during operation, otherwise it will damage the cylinder.



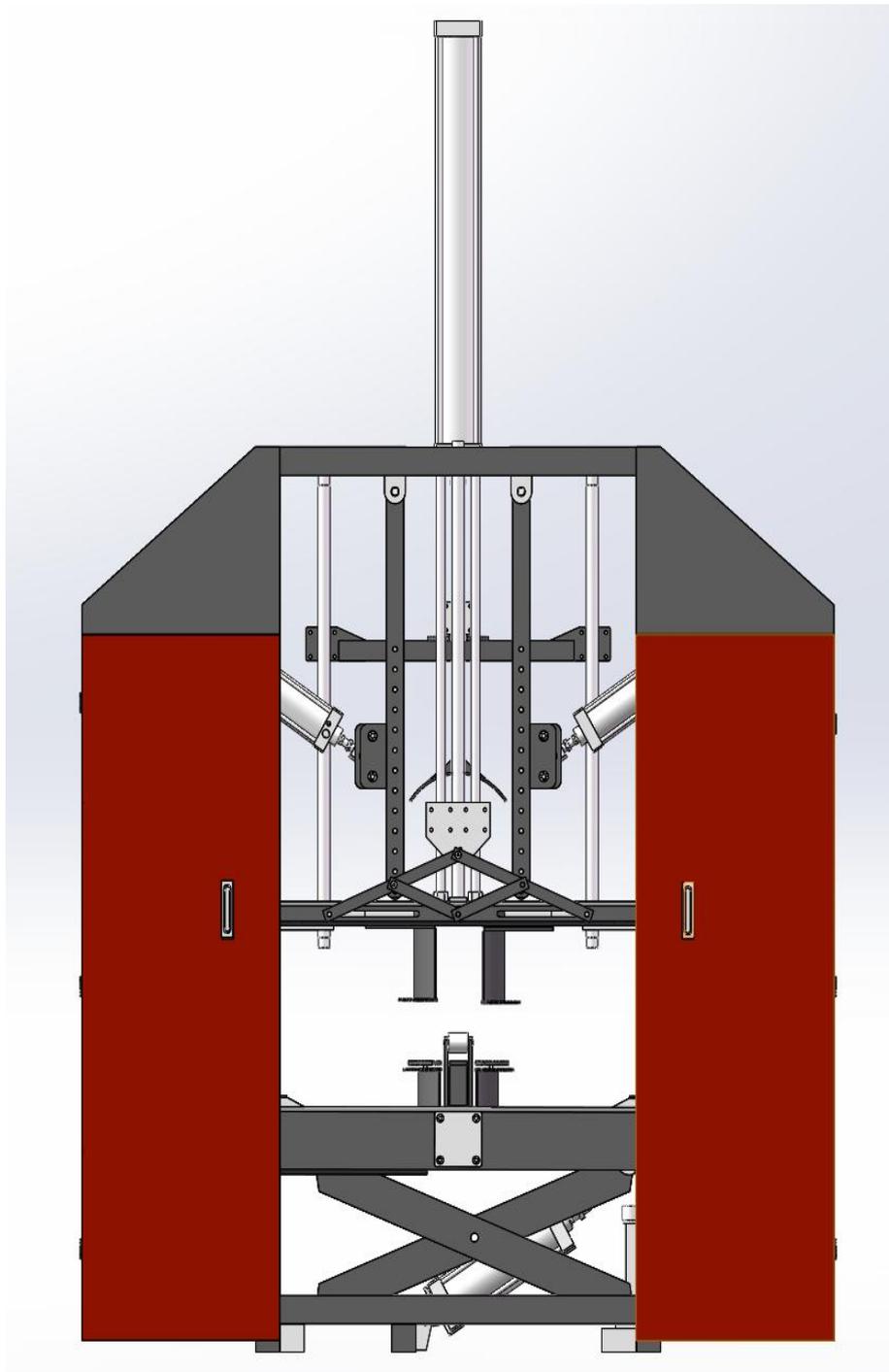
V. Equipment maintenance:

1. The tire packer must be placed in a clean, dry and ventilated place, and keep the machine clean and there is no leakage of the pipeline.
2. When the equipment is handled, do not collide according to the prescribed lifting method.
3. The main engine and accessories should pay attention to rust prevention, should not be oiled for a long time, and the bearings should be oiled regularly.
4. The on-off interval of the machine must be guaranteed to be more than 1 minute.
5. If not used for a long time, it should be powered on every other week.
7. Air circuit maintenance and repair require professional operation.
8. Overpressure is strictly prohibited in the tire packer.

VI. Installation Guide:

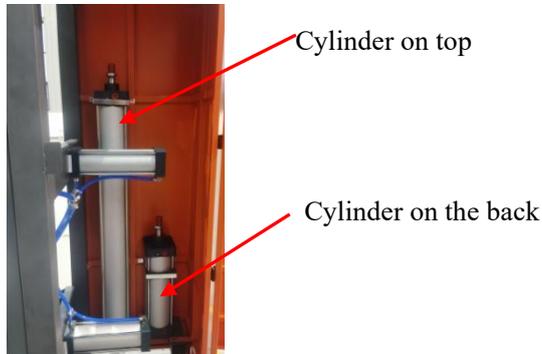


Front view of the machine



Back view of the machine

The machine has been commissioned and installed at the factory, and in order to facilitate transportation, the top cylinder and the back cylinder have been removed and installed on the left door panel.



1、 The fixing screw of the cylinder has been on the cylinder, after the arrival of the goods, disassemble the wooden box, put the machine in a stable place, take out the cylinder, (the top is a long cylinder, the back is a short cylinder), loosen the screw, the top cylinder in the corresponding screw hole, fix it, and then twist the piston rod and the connecting rod, install the corresponding air pipe, and complete the installation of the top cylinder.



2、 The back cylinder is the same as the top cylinder, first remove the screw, twist the piston rod and slider, and then fix it to the screw hole corresponding to the rear plate with the screw, and then install the air pipe to complete the installation of the back cylinder.



The whole machine is installed, connect the power supply, air source, press the button on the control panel, and be familiar with the corresponding action can be used.

检验证书

海仪（字）第 325 号

制 造 商：海安迪斯凯瑞探测仪器有限公司

产品名称：气动式套胎机

规格型号：

出厂编号：

检验结论：

主 管：

检 验：

核 验：

检验日期： 年 月 日

有效 期：一年

Product warranty card

Date of filling in the card Year, Month, Day

Product name	Tire packer	Date of purchase	
Model number		Factory number	
Purchase unit		User name	
Contact number		Mobile	
Contact address		Postal Code	

Notes on Maintenance

Number of repairs	1	2	3
Symptom			
Handling the situation			
Repair date			
Maintenance personnel			

Warranty Card Description:

1. Warranty period: one year from the date of sale.
2. Warranty conditions: The user operates and keeps the equipment in full accordance with the provisions of the manual, and if there is a failure due to quality problems during the warranty period, the user will give the warranty with the warranty card or valid invoice.
3. Paid maintenance is carried out in the following cases:
 - (1) The warranty card or valid invoice cannot be presented.
 - (2) Equipment failure caused by the user's disassembly, maintenance and modification of the equipment.
 - (3) The failure of the equipment caused by improper storage.
 - (4) The user's failure caused by man-made damage, improper operation or irresistible natural disasters.
 - (5) Equipment failure beyond the warranty period of one year.
4. The user shall keep this card properly, and if it is lost, it shall not be altered.
5. The warranty card with the special seal of the factory's warranty is valid, and when the equipment needs to be repaired, it is repaired with this card and inspection certificate.
6. After-sales service telephone: 400-012-6866
7. Address: No. 159, Tan Gang Road, High-tech Zone, Hai'an City, Jiangsu Province.

After-sales service commitment

Dear Customer:

Thank you very much for choosing our company's products, our company takes quality as life,

reputation and development, service as the purpose, is our development criterion.

Our commitment

1. All production processes of our company strictly implement the ISO9001 international quality standard system, which fully complies with enterprise standards;
2. 24-hour telephone special line service, our company will provide our customers with the latest information and technical information at any time;
3. Our company can send professional and technical personnel to provide free operation guidance and technical training for users who purchase equipment;
4. Our company promises: from the date of purchase of the equipment, the warranty is one year, lifelong maintenance;
5. Provide long-term high-quality technical support to users, and provide relevant spare parts to users at any time;
6. Timely follow-up service, regular investigation of the market, listening to feedback and suggestions, and then improve and adjust;
7. Online acceptance, online clarification, expert guidance;

After-sales service items

- 1、 24-hour technical service hotline (technical service hotline: 400-012-6866).

When the after-sales service personnel receive the fault and repair call, they will immediately arrange the engineer to call back and make a preliminary judgment on the fault, if there is no need to solve it on site, it will be solved by telephone and other methods within 4 hours.

If you need to solve it on site, you can contact the technical engineer to rush to the site. Provincial capitals are resolved within 24 hours, other cities within 48-72 hours.

If a hardware failure occurs, technical engineers can be arranged to rush to the site with spare parts to ensure that the problem is solved for customers within 2 working days.

- 2、 Email Reply Service (Email: postmaster@dscr.com.cn).

Provide users with email-based technical support services, and the response time of user help e-mail is 12 hours.

- 3、 Website Services (Company Website: www.dscr.com.cn).

Provide customers with product technical introductions

- 4、 Fax reply service (Fax: 0513-88931551).

Provide users with technical support services based on fax, users use fax for technical communication for help, and the response time is 4 hours.

- 5、 Emergency on-site service

In the event of an emergency or an event that cannot be solved by other support methods, we provide on-site service and arrive at the customer's site as soon as possible.

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打造国际化品牌

地址：江苏省海安市高新区谭港路 159 号

电话：+86-513-88931553 88931552

传真：+86-513-88931551

网址：Http: //www.dscr.com.cn

邮编：226600