Hydraulic wireless truck lift

HIGH-LIFT
EQUIPMENT DISTRIBUTERS

Instruction manual

Please read this manual carefully before use

Catalog
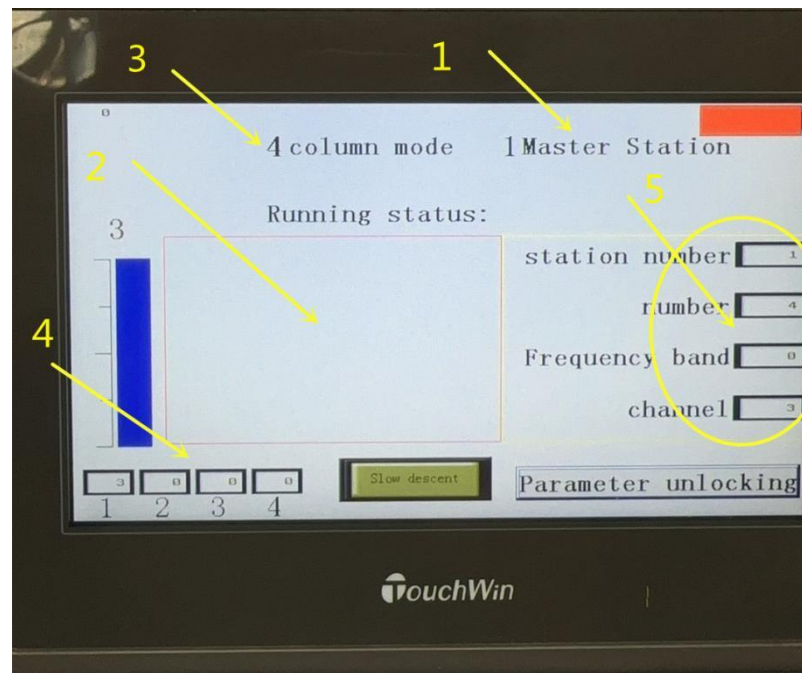
I. Control panel

1. Touch Screen 2. Up Led Indicator 3 Down Led Indicator 4 Single Column Up Button
5. All Columns Up Button 6. Single Column Down Button 7. All Columns Down Button

Functions-

1. **Touch screen : After turning on the power and enter the main interface, which can display functions such as lifting height, current use mode, fault alarm and setting parameters etc.**

2. **Rising light: Lights up when single column up or all up.**

3. **Drop light: Lights up when single column down or all down.**

4. **Single column up button: Control the lifting up Independently.**

5. **All up button: Control the rising of all the columns, the height sensor will automatically balance the height of each column when the columns lift, keeping all lifting poists balanced.**

6. **Single column down button: Lowers the column independently.**

7. **All down button: Lowers all columns automatically keeping balance.**

8. **Emergency stop switch: With dual functions of emergency stop and power switch, press down to stop and turn off the power, and vice versa. Press the emergency stop switch on each column, and all the columns will stop immediately.**
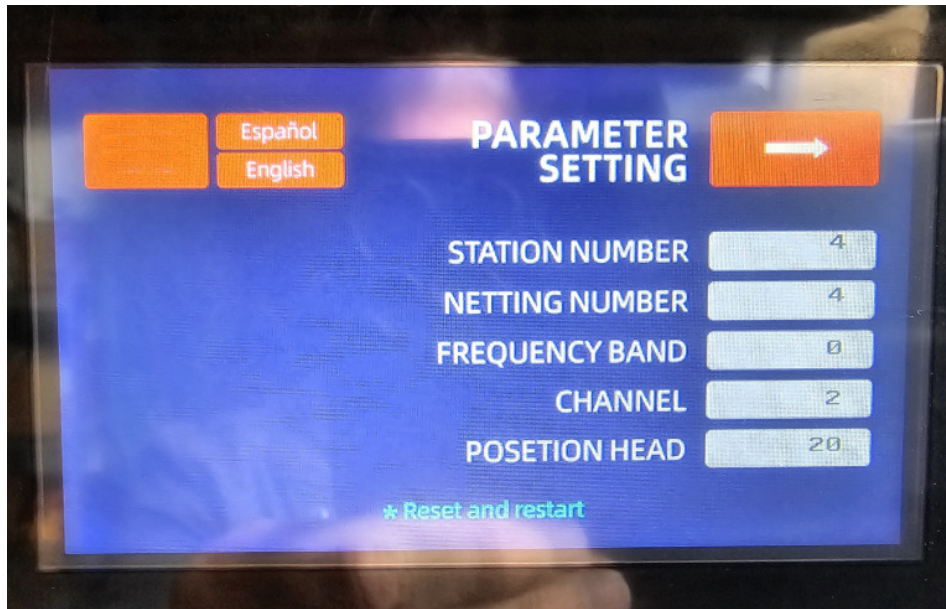
II. Touch screen main interface introduction

1. The Host 2. Fault Display 3. Current Mode
4. Height Each Column 5. Data Display

Function-

1. **The host**: Display the station number set by the machine

2. **Fault display area** Displays the operation status of the lift, and show the fault type (code).

3. **The current mode**：Displays the mode set by the machine

4. **Height display-**   Show the lifting height of each column, can display if there is a deviation in each columns height.

5. Displays the setting of station number, the column lift number ans the set frequency the column lift is set to.

III. Adding Extra Column Lift

SCREEN 2

To log into parameter settings push the unlock symbol on screen 1 🔒
The unlock code is 666666, after unlocked push the top right hand arrow you will then go to page 2. On page 2 set the column number (station number) make sure it is not being used eg if the are 4 columns and you are adding another column then set station number to 5, the netting number should also be set to the same as the set station number. Frequency for all columns should be set the same as well as the channel setting. The Default setting for the head height of High Lift column lifts should be set at 20.
This is the fault distance between each column eg if 1 column lifts 20mm higher than the other columns it will stop until other columns catch up keeping the columns balanced.
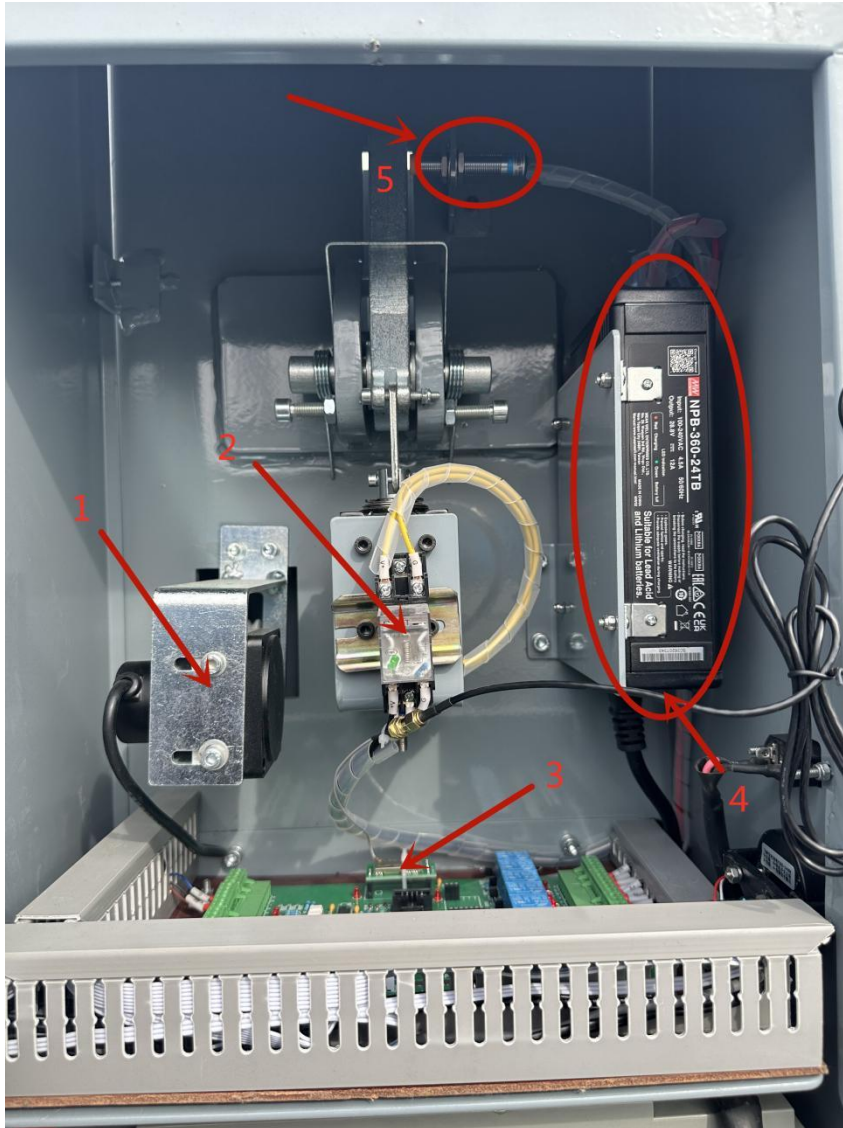
Adjusting The Lifting Pressure & Lowering Speed

To adjust the lifting pressure of column lift you need to turn allen screw No1 unscrew anti clockwise to increase lifting pressure, & clockwise to decrease Please only increase as required for increasing to much will decrease life of ram seals.

To increase lowering speed of column lift you need to turn allen screw No2, anti clockwise to increase downward speed, clock wise to decrease downward speed.

IV. Structure Introduction

1、Height sensor: detects the lifting height data and provides data to the controller to adjust the lifting speed.

2. Intermediate relay: controls the electromagnetic unlocking switch.

3. Communication module: sends and receives transmission signals between each column.

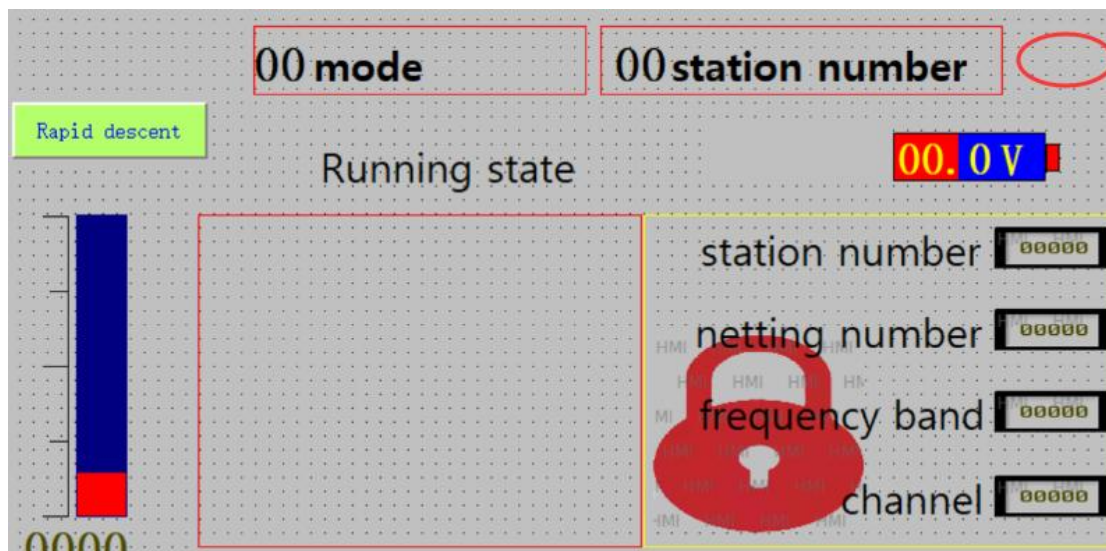4. Charger: charges the battery. There is a switch at the

arrow. The emergency stop switch and the main switch need to be turned on when charging.

5. Proximity switch: detects the opening and closing status of the electromagnetic lock. When descending, it must receive an opening signal before descending.
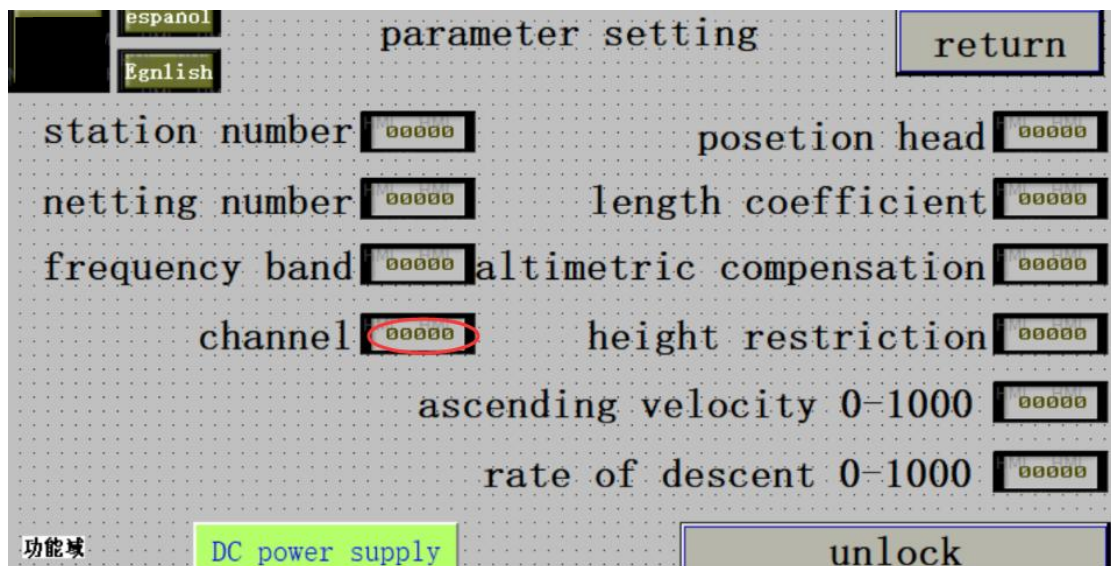
Ⅴ: Fault clearance

1. If there is a communication failure between the columns, the screen will display "No host communication" and the buzzer will sound an alarm.

Solution: Click the hidden button in the circle in the figure below to enter the parameter setting interface.

Set the channel parameters in the interface below, set the channel to the same channel as the others, for example, set it from the original channel 1 to channel 2, then power off and restart the device, then adjust the parameters of other

columns to channel 2, power off and restart, and check whether it can be connected to the network correctly. If you cannot see which column is reporting an error, the column that is not connected to the network correctly will not display height data.

1. If the device cannot be charged, please check whether the switch on the charger is turned on. The following two switches are turned on at the same time. Do not start the device while charging. The full bar on the display indicates that the device is fully charged. It takes about 10 hours to charge the device from low power to full power.

Ⅵ. Preparation before use

1. Install the battery in place.

2. Check for oil leakage. If there is oil leakage, check whether the fasteners are loose.

3. Turn on the power switch and emergency stop switch, and the equipment will automatically connect to the network.

4. Ensure that there is no alarm information and alarm sound on the screen.

5. Check whether the height information on the screen is basically consistent with the actual height.

6. Total lifting without load.

7. If there are no above problems, push the lift to the center axis position of the vehicle tire, keep the left and right consistent, and the support arm and tire touch the vehicle normally.

8. Load rises.