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DESTACKER PCB LOADER

User's Manual



SC-460W-BN

Be sure to carefully read this manual before use * to ensure proper use of the product.

Preface

Thanks to buy the company's products,^{1st} the Company to express my sincere

thanks. This manual hardware configuration, device operation, and maintenance of electrical diagrams have been described. Please fully understand this manual, the proper use.

Although the contents of this manual seeks to correct, but if there is such as when questions or errors are found, please contact with the company.

Warning:

the device can only be maintained by professional and service personnel or the training of qualified personnel to operate

Before powered, make sure the external input power supply with the device rated voltage and power match

Please equipment of the reliable grounding

all of the mechanical of this equipment, the operation should attention to personal safety

Note:

Please read this user manual carefully before operating this equipment, remember Caution

Do not install this equipment in the vicinity electromagnetic interference source

Do not modify the electric box of hardware and software programs, the transformation in

danger, please keep this manual press the manual requires maintenance of equipment

packing list:

a device body

- of this machine (user Manual) one
- as customers have special requirements, please refer to procurement contracts check

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1 Introduction

1.1 Overview

packs applied to SMT send sent to boardplate

1.1.1 features:

- Lemire stepper control system, precision screw, stable and reliable performance.
- Can automatically adjust the track width
- can be adjusted anteroposterior The highly specific

1.2 Specifications

Item	Specifications
PCB conveying direction	left→right
power supply	AC220 50 / 60Hz power 150Wmachine.
control	Hondurens is under touch screen PLC control.
surfacetype transfer	beltsheet
PCBthickness of	0.7 ~ 30mm.
Conveying height	850 ~ 950mm (goblet adjustable).
serial number	
Machine model	

1.2.1 Preparation before using

- use220V single phase 50Hz power capacity of 200W or more fixing
- Mechanical must be secure and must be grounded on the ground bus access

- must be well secured to the body earth parts
- Metal to ensure safe operation is prohibited near the body of the device
- do not mechanically attached to the dust, oil mist, conductive powder dust, corrosive gases, flammable gases, moisture, shock and vibration, strong interference, high temperature and outdoor environments
- to avoid the corrosive solvent wipe the machine to be used in cleaners
- price Please keep this manual for future maintenance and repair

Note:

- there is no reliable grounding, there is danger of electric shock.
- After access gas cylinder valves will be action, do not put your hand into the machine, preventing the pinch.

2 Machine operator

2.1 turned precautions

2.1.1 to ensure the safety, physical contact is prohibited operation of parts

2.1.2 in the machine to check whether the debris.

2.1.3 Detecting presence or absence of debris on the track or PCB.

2.2 Instructions

2.2.1 Power page

turn on the device, a touch screen to enter the boot follows the initial page,



clicking button to enter the "operating page"



Figure 1

2.2.2 Operations Page Description:

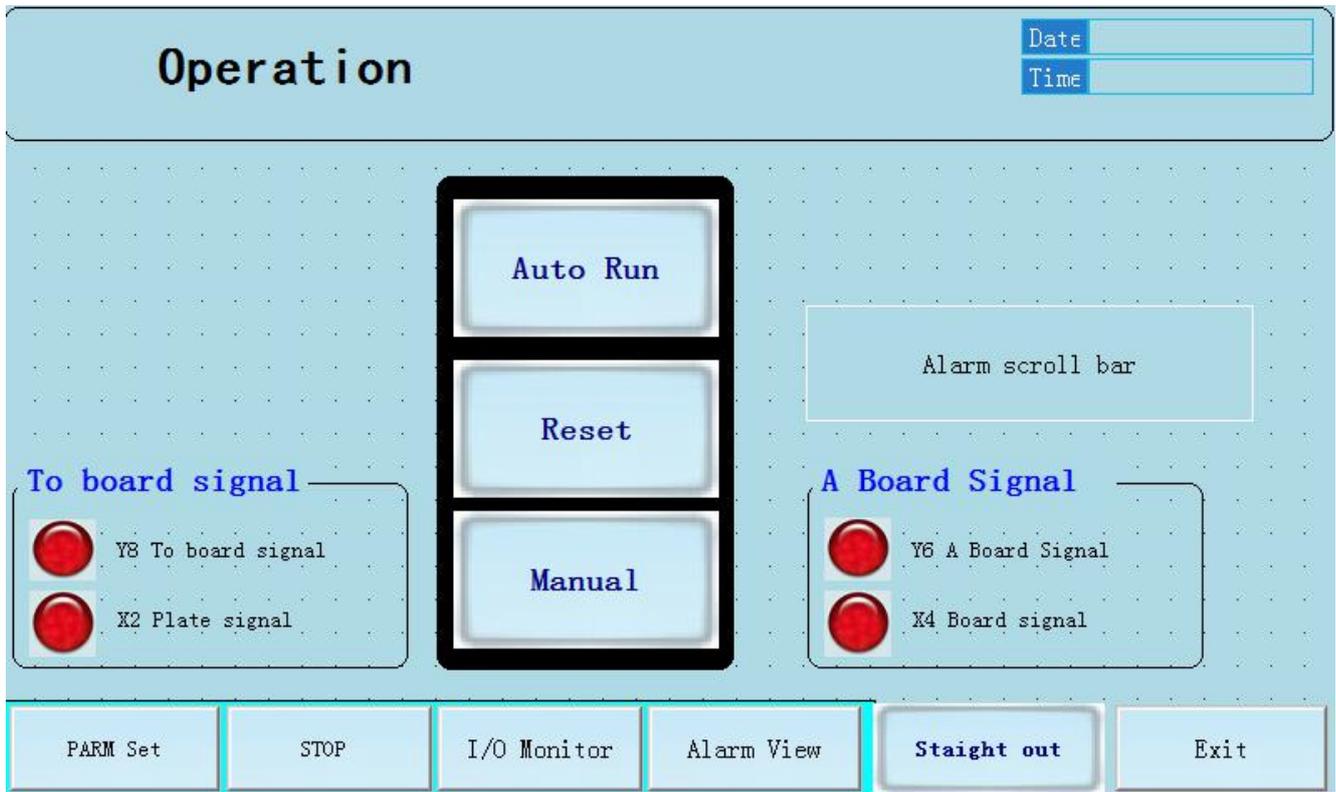


Figure 2

Button described

- automatic operation - Click, the device into the automatic operation
- reset- automatic machine running, fault alarm buzzer, abnormal processed, click on the button to release the alarm state of the device and continue
- stop button - clicking the button, the device stops operating state of the all
- manual switch- click into picture manual operation
- parameter set- into parameter setting click page
- I / O monitoring - click into the I / O monitoring page
- alarm view - click to go to the police to view page
- through mode- click on the device by entering the straight plate mode
- exit - click to go to the start page

signal indicator explanation

- "into the board signal" - when the PC board track, this indicator light turns green, the device receives a signal
- "to the signal plate" - automatic operation when no board within the unit, into the upper machine plate may be a signal, indicating light is green
- "plate out signal" - when the light turns green, to be And transfer to the lower plate, i.e. the lower plate unit is to be
- "board has signal" - automatic operation device, when the sensor circuit breakers plate tracks, this signal is sent down the crew, when light turns green

2.2.3 parameter setting Description page

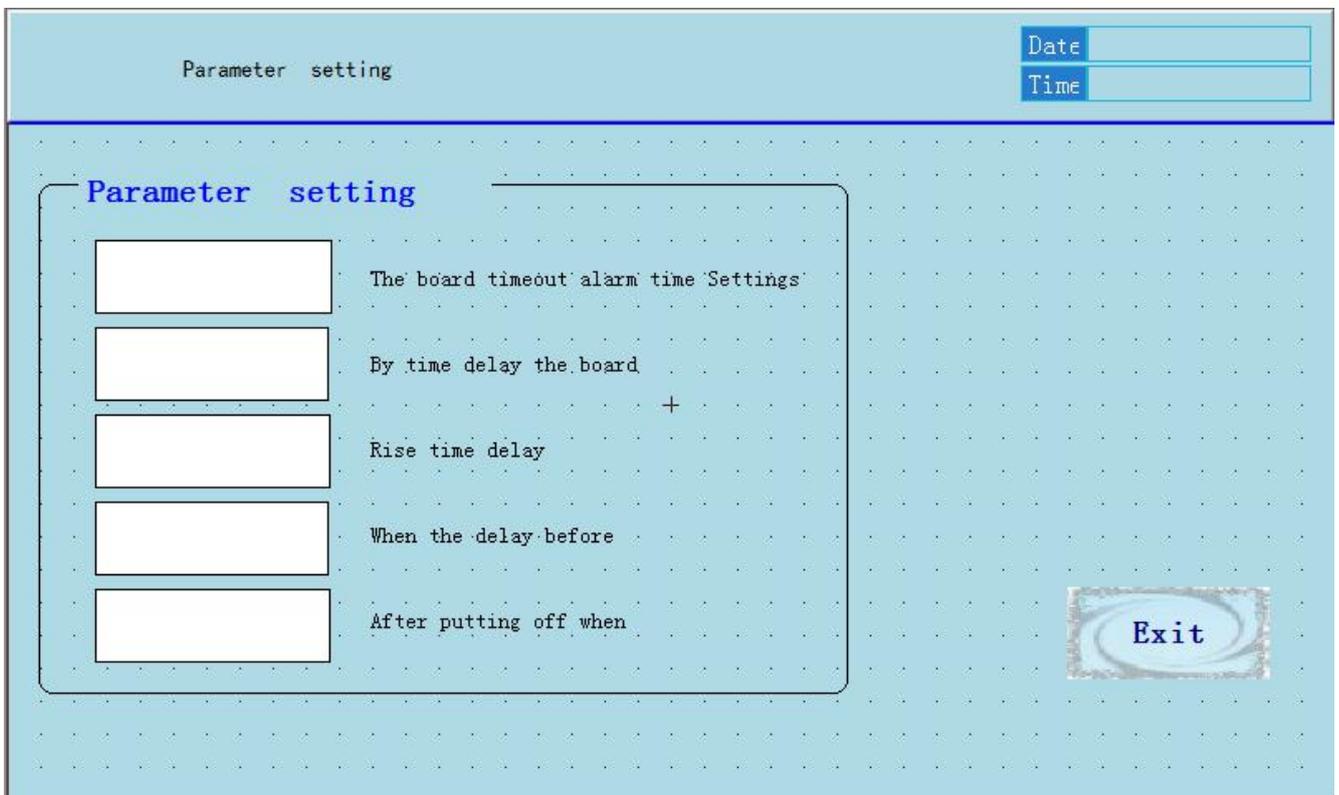


Figure 3

Description input box

- an plate timeout alarm time setting - a transfer plate reached the set time, the alarm whistle device
- fall delay time of the plate - after the fall of the cylinder reaches the set time for the transfer plate
- rise delay - Auto after rising cylinder reaches the set time, run automatically the next operation
- when before the delay - Auto, before pushing the cylinder reaches the set time after the launch, automatically run the next action
- push down delay - Auto, the push cylinder after the introduction of set time, automatically run the next motion

2.2.4 manual page explains

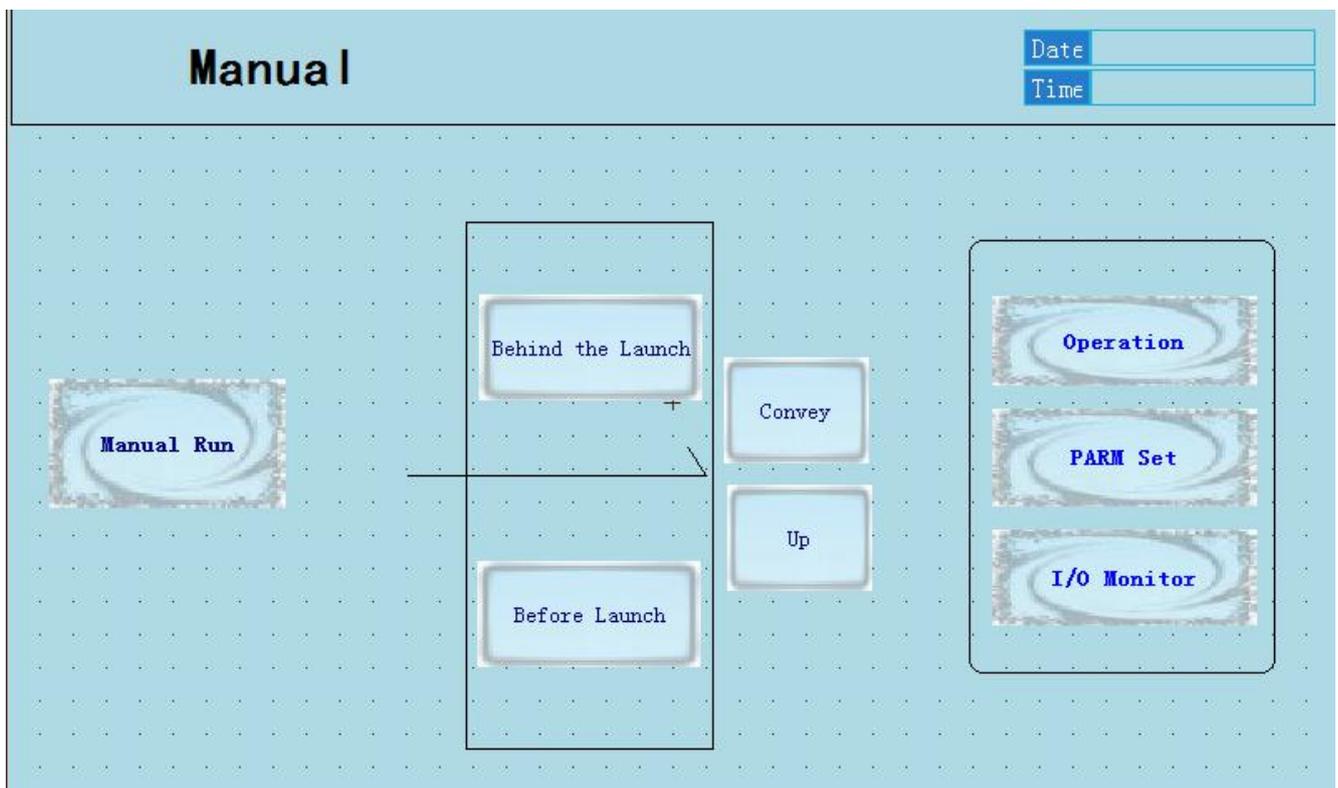


Figure 4

Button Description (following buttons are valid only in the manual operating state)

- Manual operation - device stop state, click on the "manual page" button to enter the manual page, click the button, the device enters manually run the state
- lifts rise - click the button, lifts increase the number of grid spacing
- lifts decline - click the button, lifts decline grid spacing number
- motivated frame-bit- click on the button, lifting platform rises the upper limit
- into the box at position - click on the button, lift the audience fell to the lower limit
- into the box- - the upper limit lift station, click on the button, the lift frame into transmission
- A frame - lifts the lower limit, click the button, lifts the frame relay
- clamping- click clamping cylinder moves
- the pushing plate - when lifting table is in place, click on the button, the push plate cylinder operation
- increased - click, stacked structure rising movement of the cylinder
- pushing the front cylinder -button is clicked, the push cylinder moves stacked structure before
- cylinder push - click, pack after the push cylinder moves structure of
- the stack the clamping plate - click, clamping cylinders stacked structure operation of

2.2.5 picture input and output as described

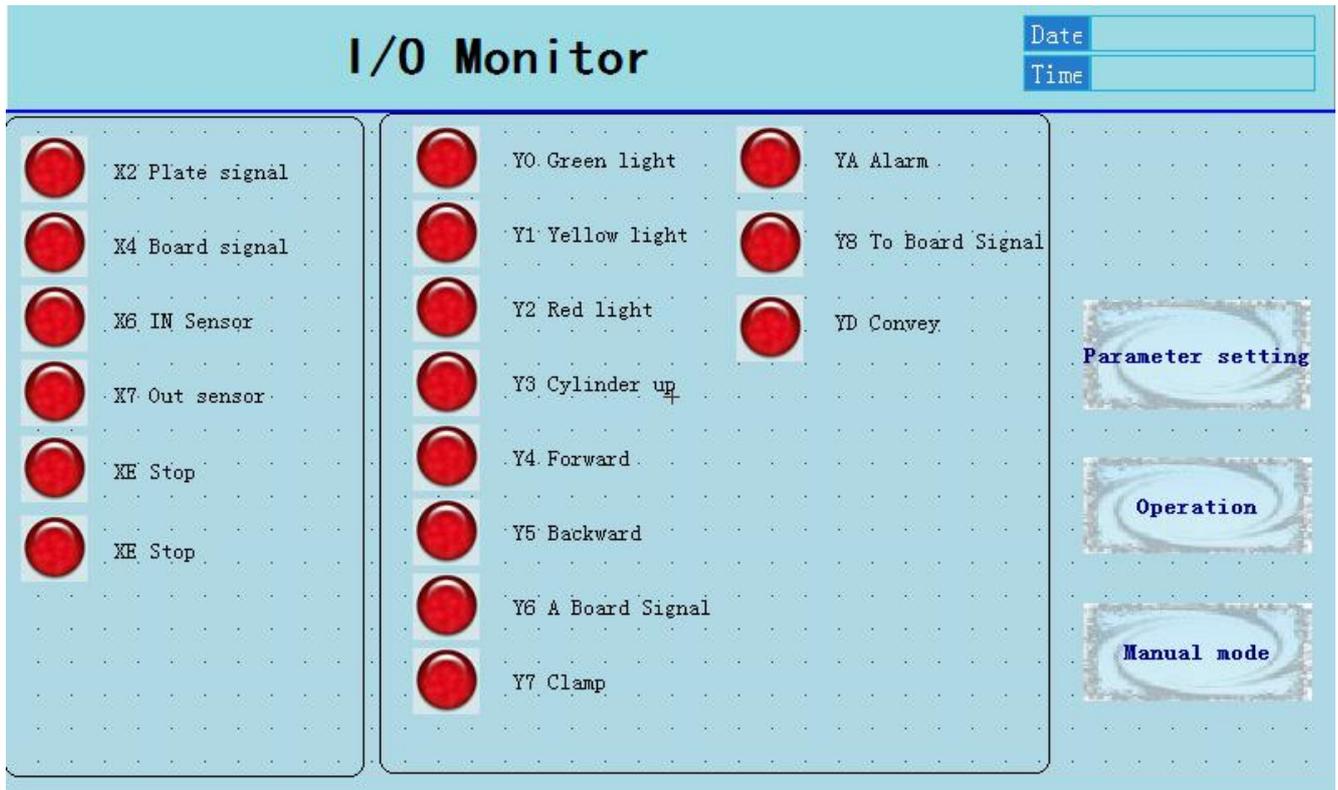


Figure 5

3 Troubleshooting and troubleshooting

principle familiar with the equipment and electrical schematics.

Familiar with the mechanical devices and electric elements in the mounted position of the device, and to understand its performance and function.

The correct analysis of the causes of failure.

Part failure element and failure found

targeted maintenance.

Fault causes and remedies

the failure the contents	cause of the failure	processing method of
Into stay board	the left PC height varying height	adjusting threaded rod with a spanner wrench, the height of the consistent with
belt is notrotation	the motor damaged or loose belt	Replace motor or Zhang adjusting the belt tension
indicator is off the main power switch	switches broken, loose thread, power supply line circuit,	unplug the before doing panel open, check are loose thread if there loose crimped again, without loosening, Please replacement

note:

repair or replacement of electrical components disconnect the power source, the charging operation is prohibited.

4 Maintenance and maintenance

- check whether the transport strip is too loose, keep the conveyor belt clean.
- Wipe dirty oil-free cloth or paper, then add oil to the ball screw.
- Transmitting a test product is smooth.
- Check whether the track wear.
- Each week screw Dayou