

# Instruction of Family Machine - Excavator



Please read the instruction first before the machine is used.

# Safety Precautions

## Attention

- ◆ DO NOT put the machine on places uneven, sloping and easily be shaken.
- ◆ Check wires and cables regularly
- ◆ Protect wires from damage by rats.
- ◆ DO NOT put the machine under the direct sunlight, it will damage the inside parts.

## Warning

- ◆ Always plug into a grounded circuit.
- ◆ The power must be turned off before any movement.
- ◆ DO NOT let the machine fall down or be hit.
- ◆ DO NOT put pour any liquid to the machine or put it them leaking or any web location.
- ◆ DO NOT put the machine near fire.
- ◆

## Danger

- ◆ DO NOT touch the power cord with wet hand.
- ◆ DO NOT let the power cord be scraped, cut or over bended.
- ◆ DO NOT put heavy objects on the cord.
- ◆ DO NOT use any damaged power cord.
- ◆ DO NOT let Non-professionals check or repair the machine.
- ◆ DO NOT perform repairs or maintenance on this machine with the power on.

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# **I. Technical parameters and parts**

## **1. Technical parameters**

Name: Machine Family - Excavator

Dimensions: W1450\*D1450\*H1220 (mm)

Weight: 250KG

Power: 650W

## **2. Parts**

No.	Name	Quantity
1	Key	2
2	Manual	1
3	Wearing Parts	Several

# **II. How to Play**

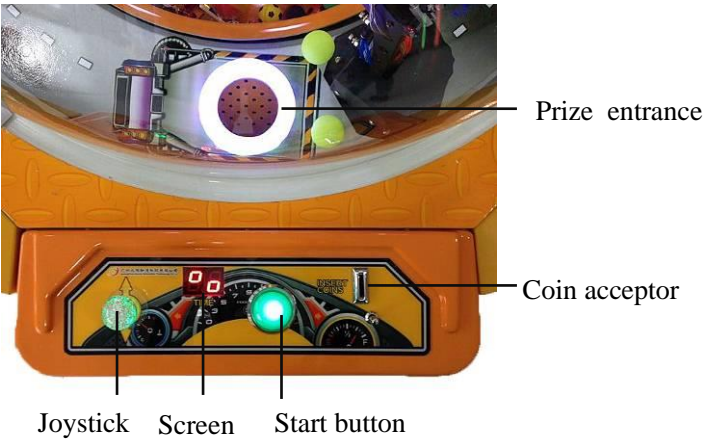
1. Insert coin.
2. Control the joystick to move the hook.
3. Press button, the hook dig candy and pour them to the exit.
4. Get candy from the exit.

# III. Appearance

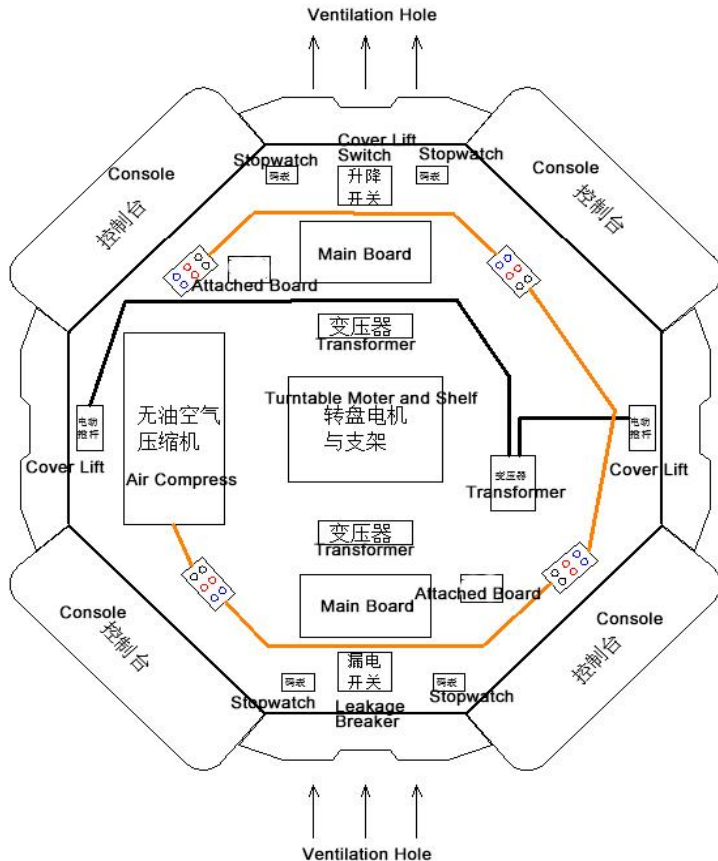
## Outside View



**Remark: 4 same consoles, as following:**



## Inside View



## Lifter Switch

Switch control acrylic cover's up and down, use it when adding prizes or clean the turntable.



Remark: Make sure there is no heavy objects on or near the acrylic cover.

## Air Compressor



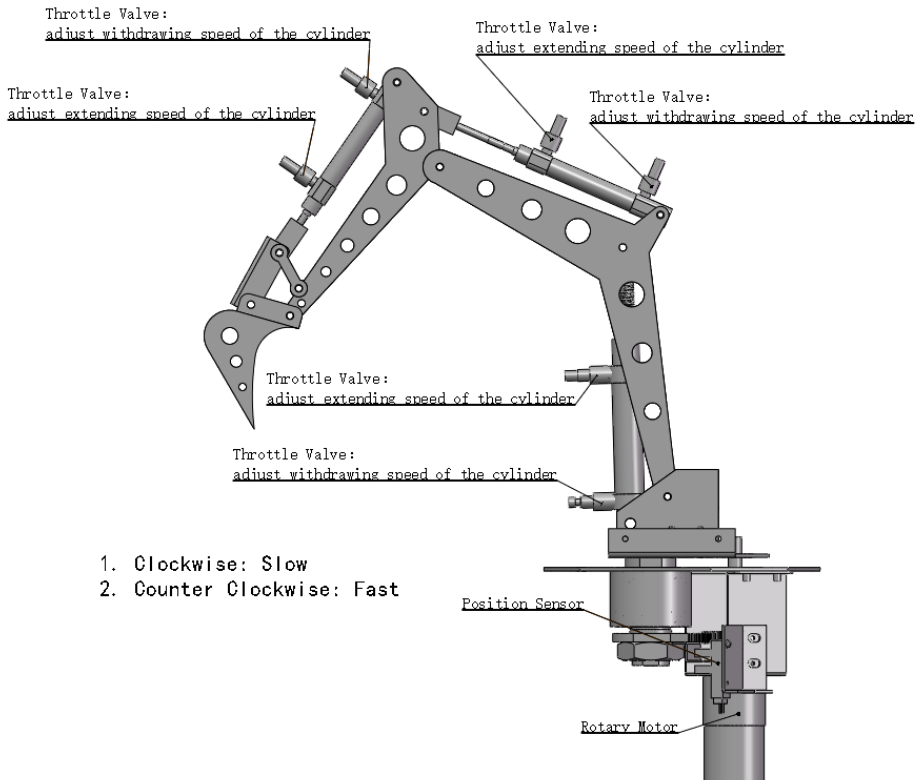
### Remark:

Drain the air compressor for every 70 working hours. The main console will show “E7” once total running time is over 70 hours.

Please drain the air compressor. Restart the machine. Press clear key inside the main console. The total running time is clear and the machine will stop report error.



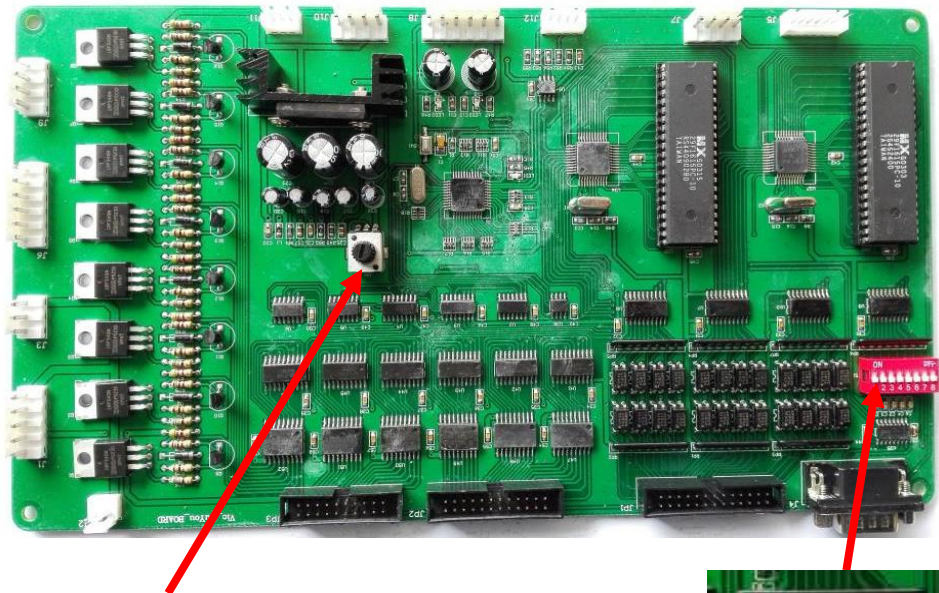
## Mechanical Arm Structure and Airflow Adjustment





# IV. Set Up

**Main Board:** (There are 2 Boards. One main board, one attached board)



Voice

DIP Switch:  
No. 8. OFF: main



**Attached board** (driver board) located next to the main board





1. Press Setting and Next key, coins per play, turntable speed and game time can be set up.
2. Press Check key to check total coins and total prize.
3. Hold on press Clear key to clear all data.

## V. Error Code

Error Code	Error Content	Investigation methods
<b>E0</b>	Motor	Check if electric circuit is disconnected, or the motor damaged.
<b>E1</b>	Left micro switch of the arm	Check if electric circuit is disconnected, or the micro switch damaged.
<b>E2</b>	Right micro switch of the arm	Check if electric circuit is disconnected, or the micro switch damaged.
<b>E3</b>	Middle micro switch of the arm	Check if electric circuit is disconnected, or the micro switch damaged.
<b>E4</b>	Middle sensor of the arm	Check if electric circuit is disconnected, or the sensor damaged.
<b>E5</b>	Prize Sensor	Check if electric circuit is disconnected, or the sensor damaged.
<b>E6</b>	Coin Acceptor	Check if electric circuit is disconnected, or coin acceptor damaged.
<b>E7</b>	Air compressor full of water	Drain the air compressor and press clear key.
<b>E8</b>	Joystick	Check if electric circuit is disconnected, or the joystick damaged.
<b>E9</b>	Start button	Check if electric circuit is disconnected, or micro switch damaged.
	Air compressor's clear button	

## **VI. Maintenance**

Keep the machine clean by using mild types of cleaners

Use NON-FLAMMABLE solvents for cleaning. DO NOT use gasoline kerosene or thinners.

## **VII. Warranty Terms**

1. 1 year limited warranty from date of delivery, other than abuse, natural calamities or improper servicing.
2. This warranty does not cover the following:
  - ◆ Damage due to improper installation and/or use.
  - ◆ Game abuse or misuse
  - ◆ Stuck or jammed coin mechanisms (caused by improper coin usage).
  - ◆ Damage from repairs or modifications without our authorization.
  - ◆ Damage incurred during shipping/transit from our warehouse.
  - ◆ Damage caused by weather, water, lightening or electrical damage.
  - ◆ Damage due to extreme heat over 90°F or temperatures below 65°F.