MARS I

An instruction manual

Version Number 20210122

⚠ **Important Notice**

★ Please read the manual firstly before the machine is used.

★ Please keep this manual well so that the user could read it at any time.

★ Product will be improved constantly, and we reserve the right to update the manual without prior notice.

Matters to Attention

Notice

◆ DO NOT place the machine in a place that is uneven, tilted or easy to be shaken.

◆ Check the wires condition regularly once a week and check the machine comprehensively every month.

◆ Please prepare the small fire extinguisher to ensure the workplace safety and turn off the power when the staff is off work.

◆ Take care of wires and prevent pest from damaging wires.

◆ DO NOT place the machine where the sunlight shines directly to avoid to damage the internal parts of the machine.

Warning

◆ Machine should be connected to ground wire and its three-hole plug should be inserted into the power socket with the ground wire.

◆ There are precision parts in the machine, please do not drop it or make it to physical impact.

◆ DO NOT place the machine close to objects with high magnetic fields or strong radio waves.

◆ Machine is not waterproof, to avoid fire or electric shock, please don't make any liquid in the machine or expose it to the environment of dripping water or moisture.

◆ Machine is not fireproof, please do not place it close to any fire source.

Danger

◆ DO NOT touch the power plug with wet hands.

◆ DO NOT scratch, cut off or over-bend the power cord.

◆ DO NOT place heavy objects on the power cord.

◆ DO NOT use power cords with damaged insulation.

◆ DO NOT allow non-professionals to inspect or repair the machine at will, turn off the power when the machine is inspected or repaired.

Table of Contents

Ⅰ. How To Install

Triangle Shape

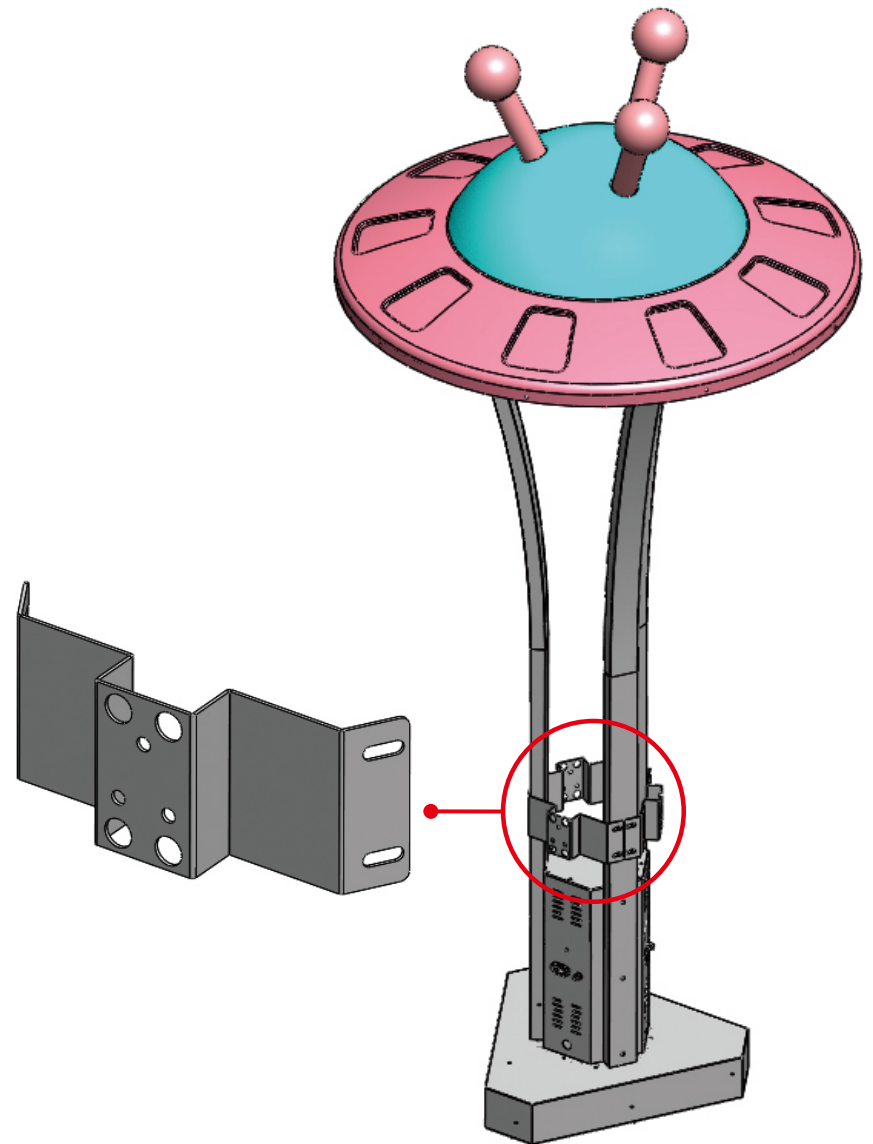| No.	Name	Quantity	Picture
1	light cabinet base connect bracket	1	
2	UFO Decorative light	1	
3	Cabinet	3	
4	Connect power cable	3	
5	UFO light Connected Signal Wire	3	
6	Main power cable	1	

Parts list

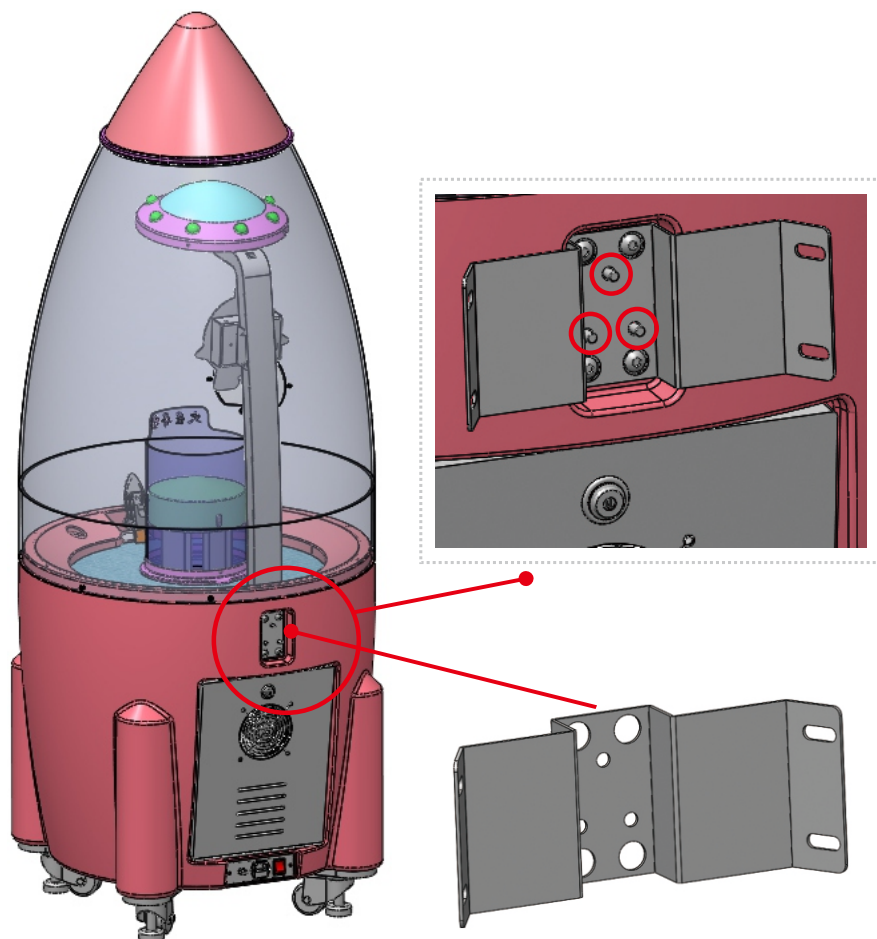## Install Step

1. UFO light connect wire
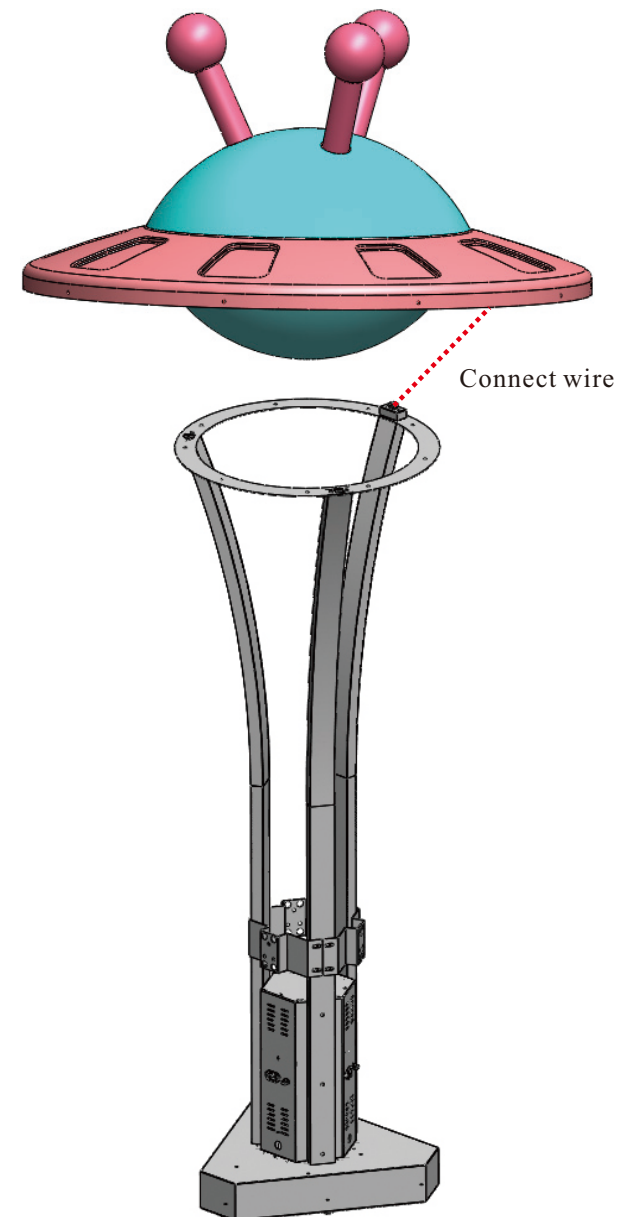
Connect wire

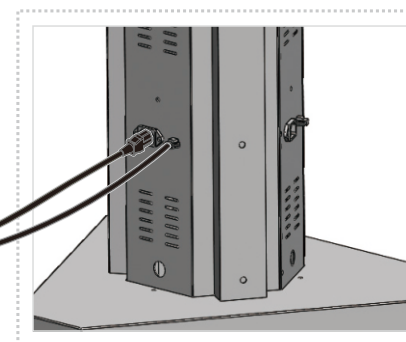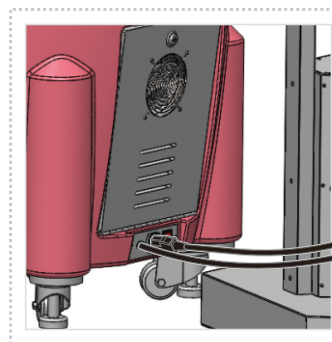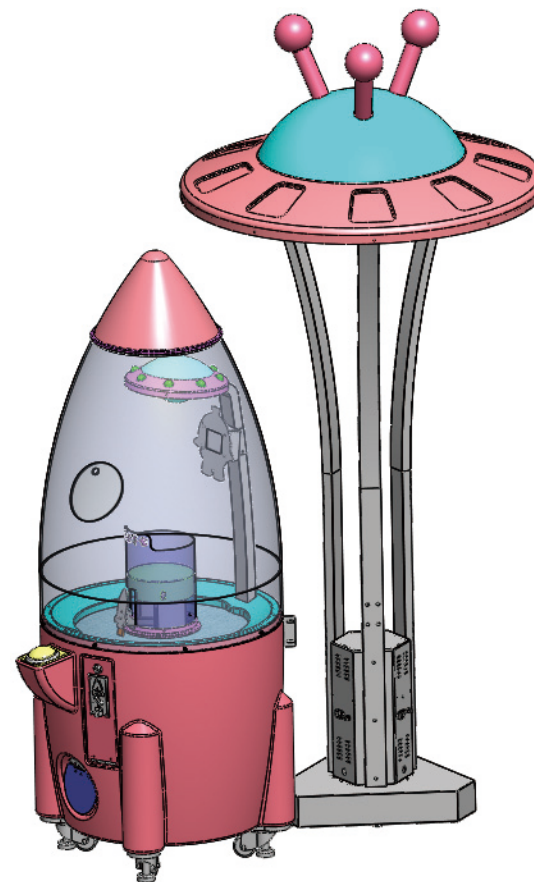2. Fixed screw (9x M6*16 screws)
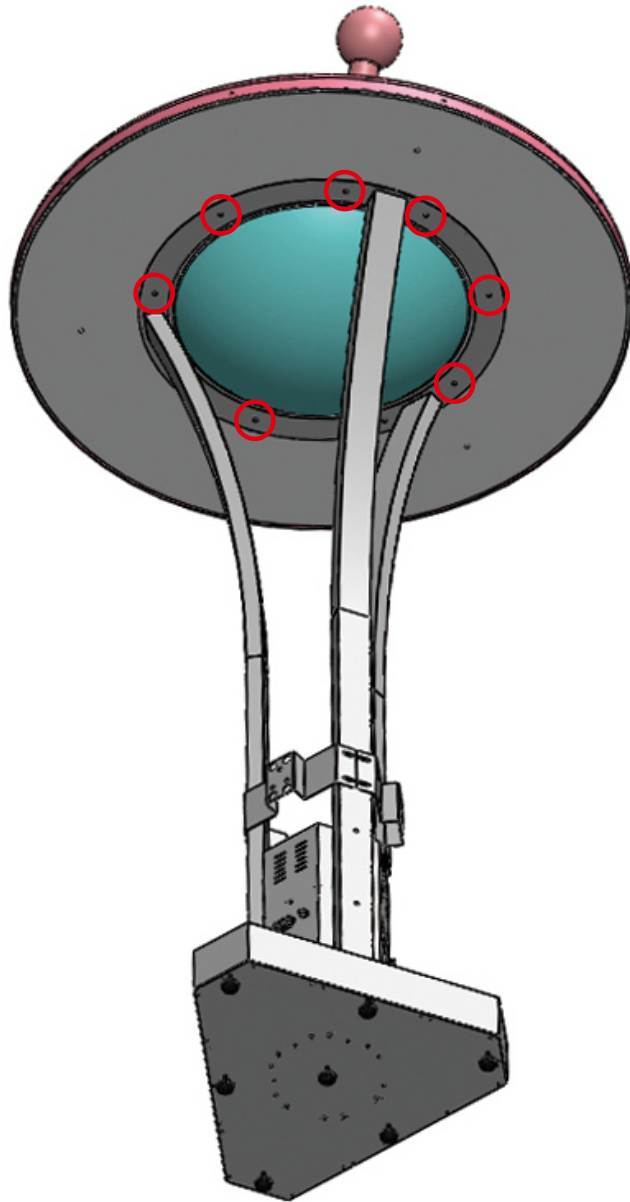
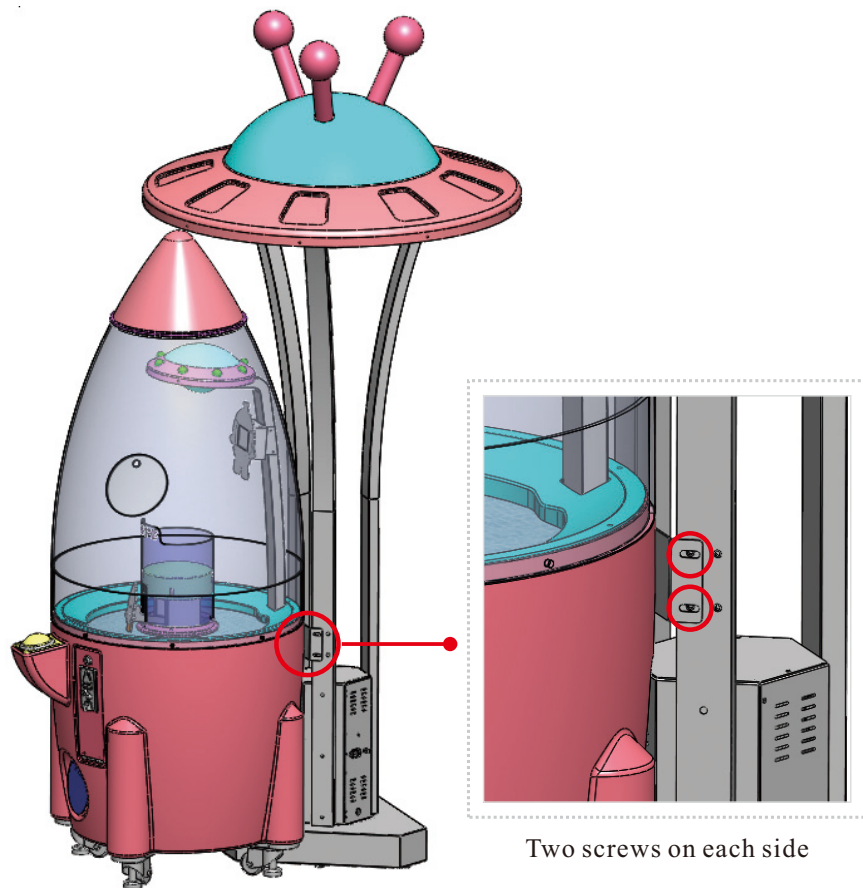3. Take apart hardware bracket, total of 3
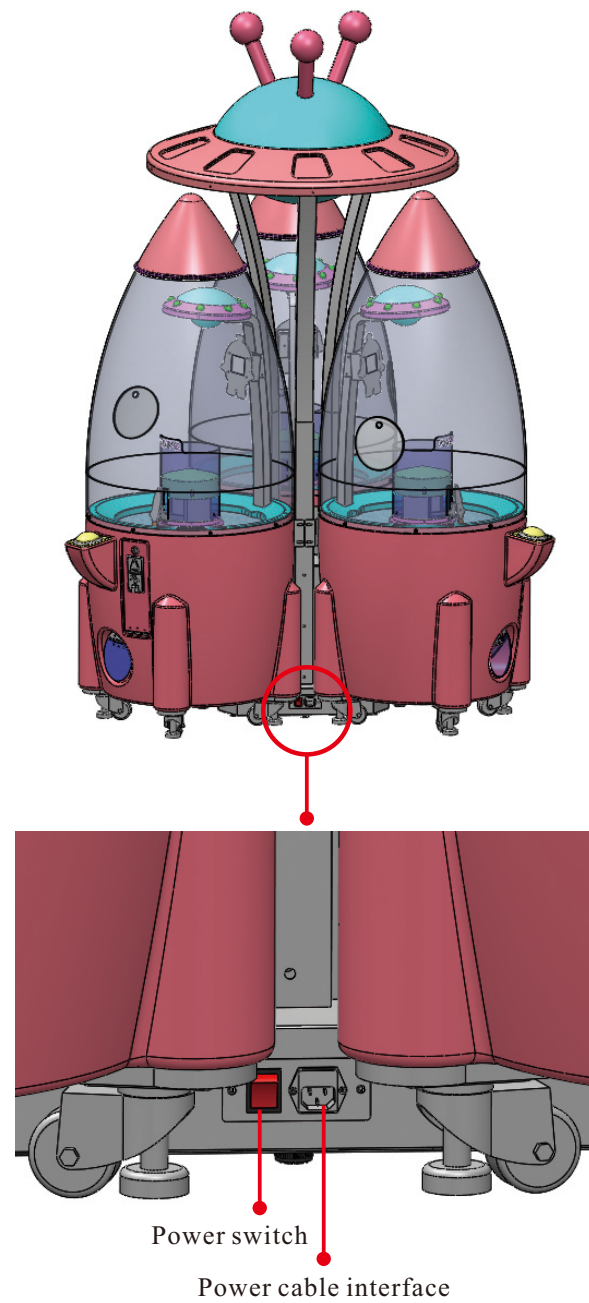   (12x M6*16 screws)

4. Connect bracket screws (3x M6*16 screws)

5. Connect the power of the machine and UFO light signal wire
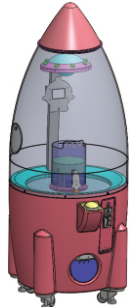
6. Fixed screws (4x M6*16 screws)

Two screws on each side

7. Repeat step 6

Power switch

Power cable interface

One Line Shape

Parts list			
No.	**Name**	**Quantity**	**Picture**
1	light cabinet base connect bracket	1	
2	UFO Decorative light	1	
3	Cabinet	3	
4	UFO light Connected Signal Wire	3	
5	Main power cable	4	

Install Step

1. Connect the base and the leftmetal bracket
   (4x M6*40 hexagon inner screws)

Plug wiring before assembly
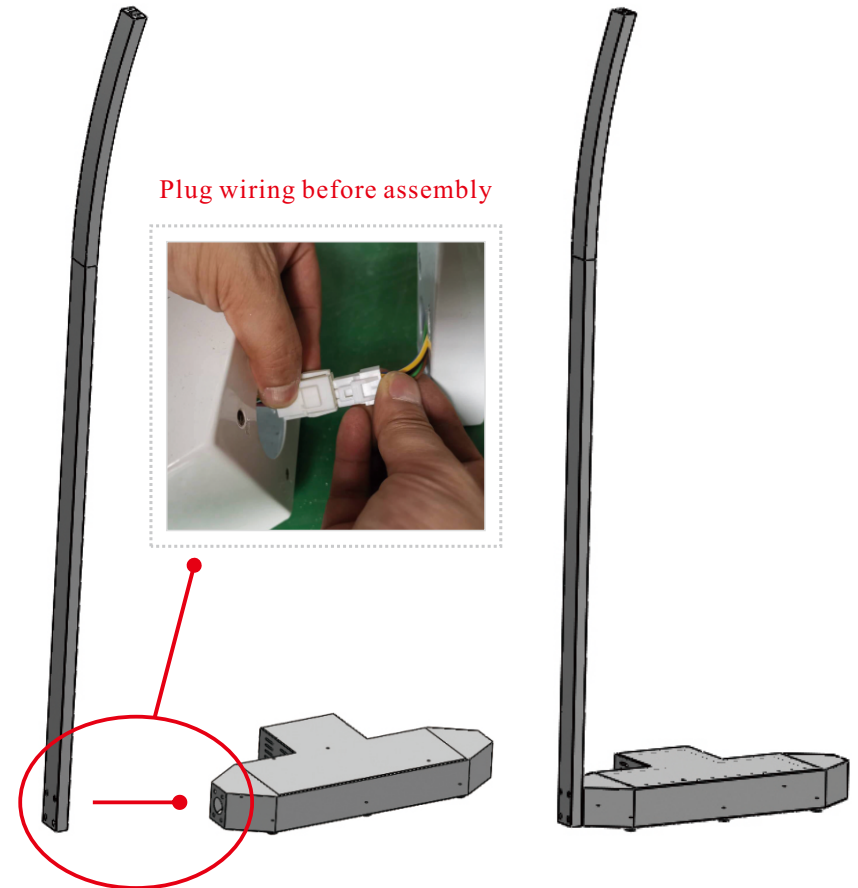
2. Connect the base and the right metal bracket
   (4 x M6*40 hexagon inner screws)
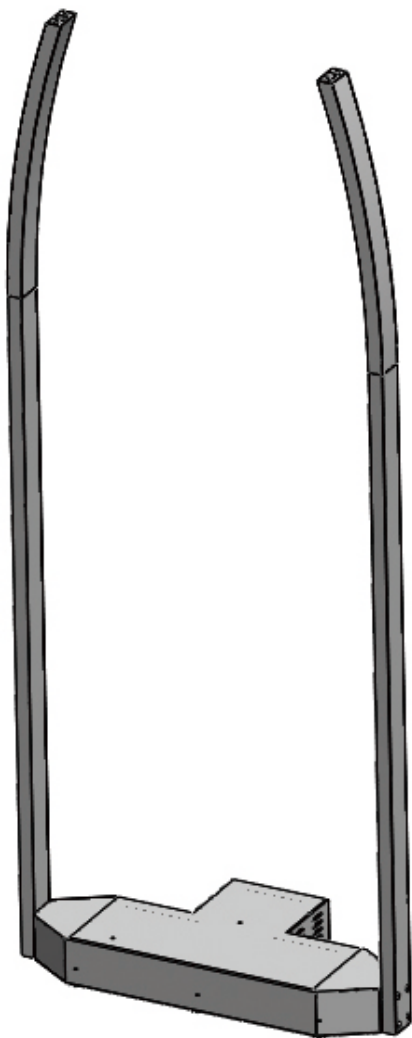
3. Connect the left and right support bars
   (4 x M6*16 hexagon inner screws, 8 in total)
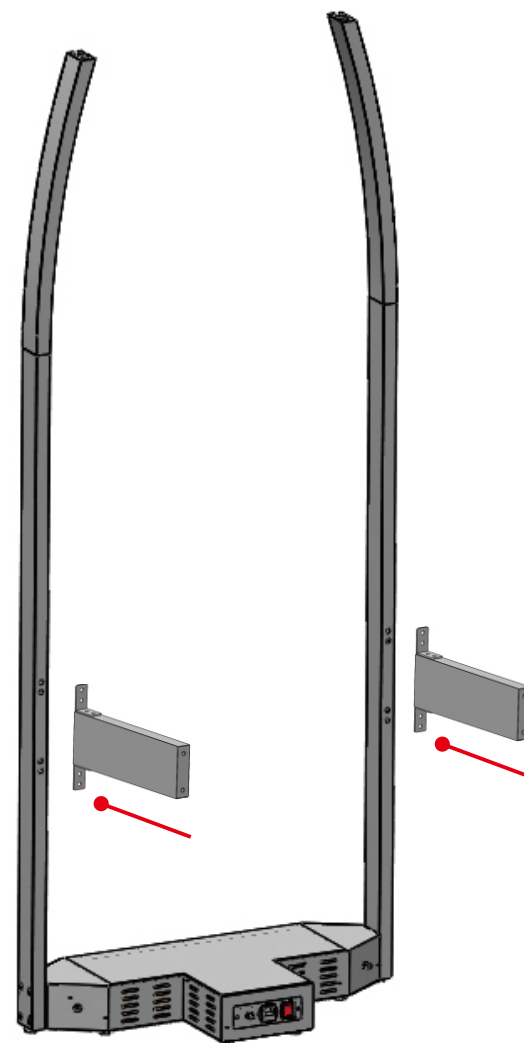
4. Connect the back fixed bracket
   (4 x M6*16 hexagon inner screws)
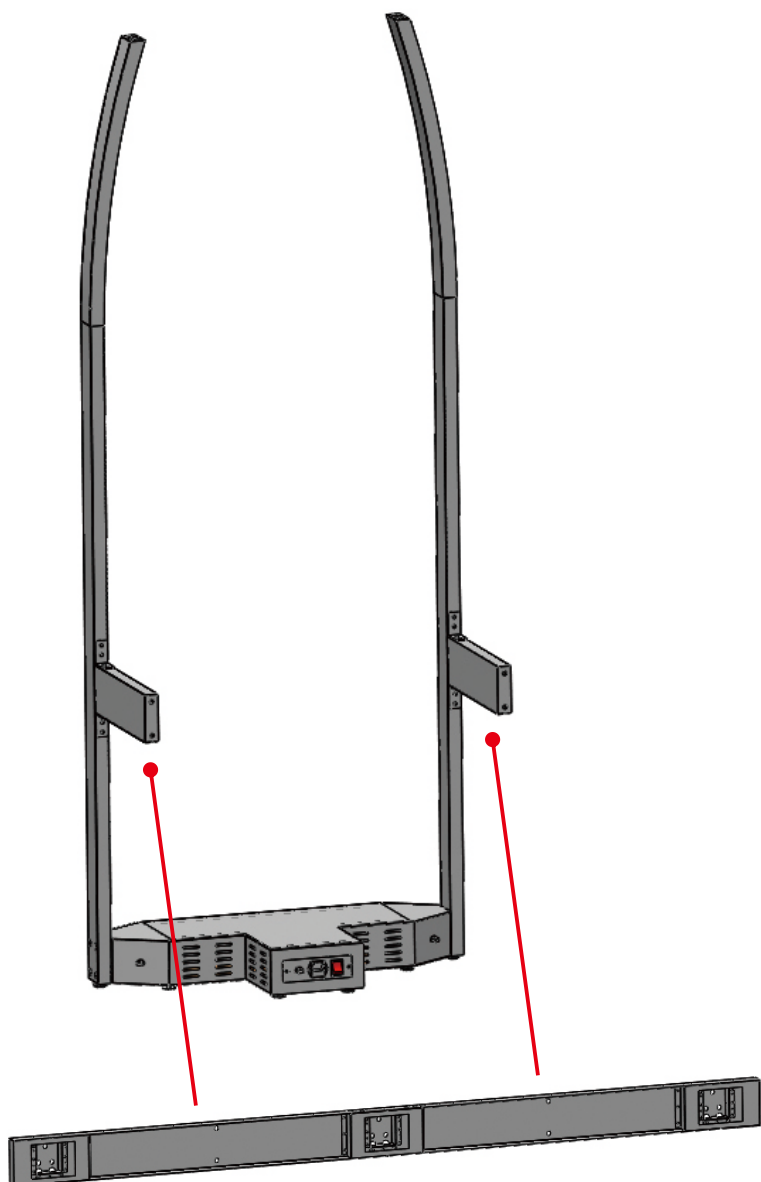
5. Connect the top light fixed bracket
   (4 x M6*16 hexagon inner screws)
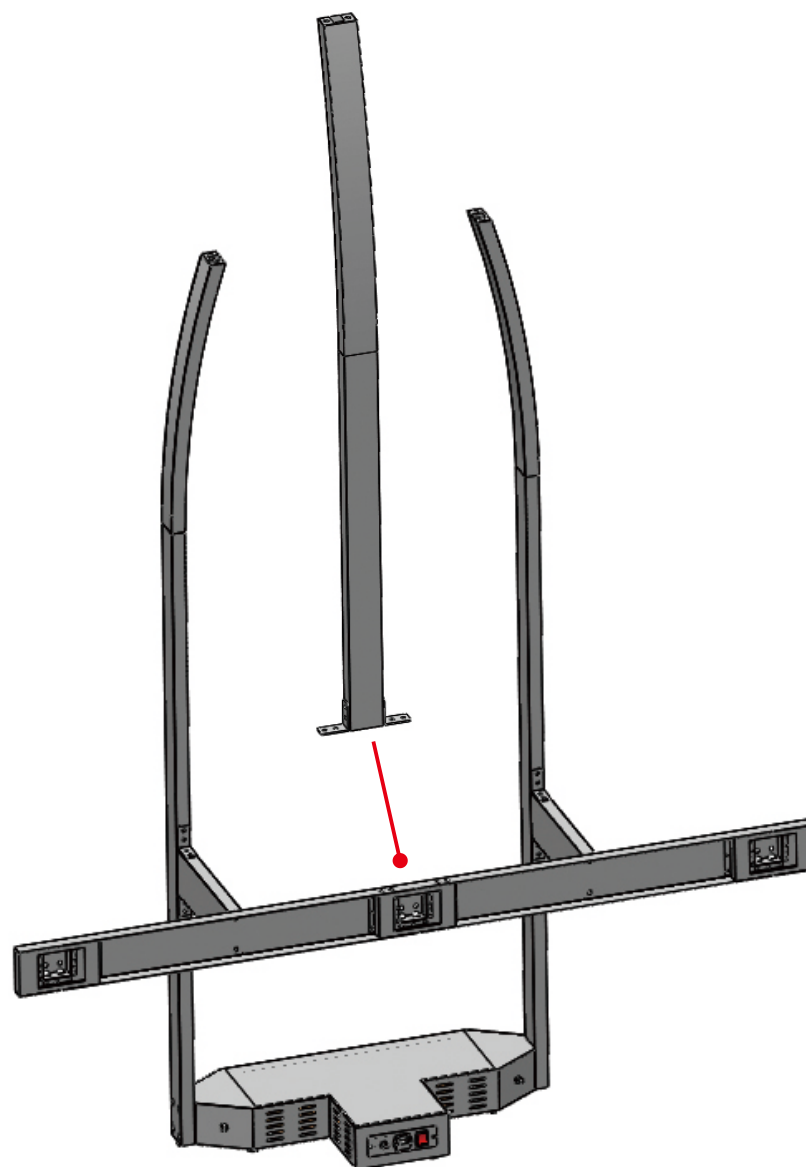
6. Connect the top circle bracket
   (4 x M6*16 hexagon inner screws)
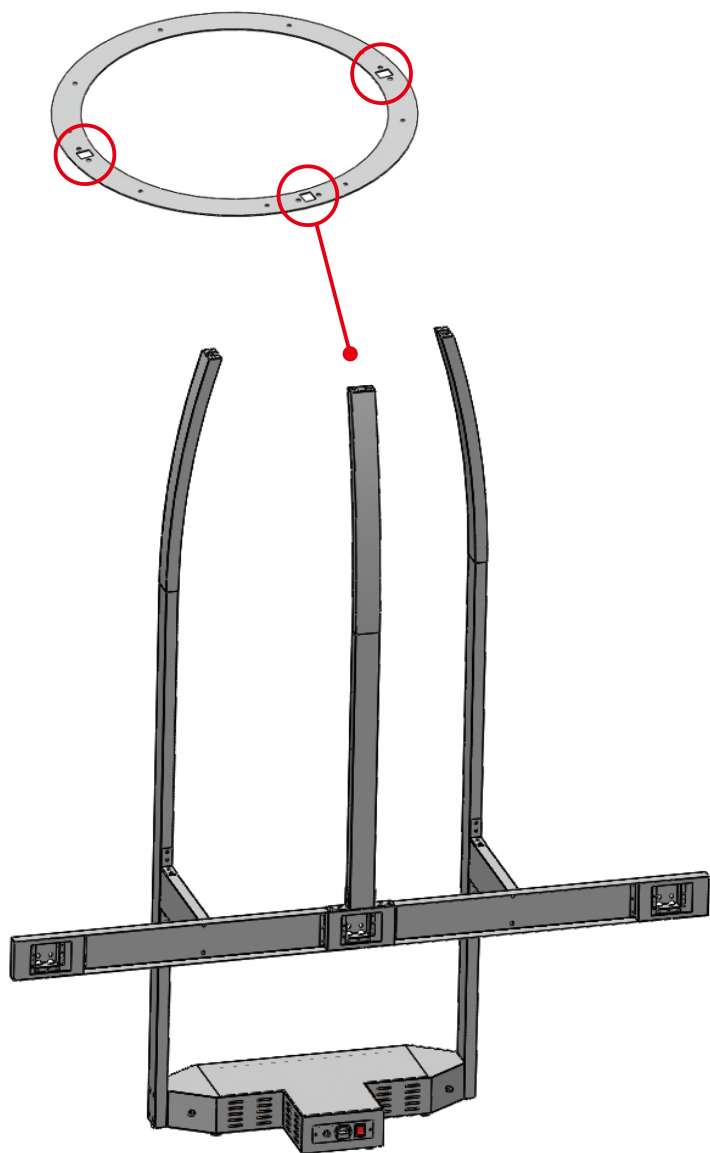
7. Assemble connecting ports
   (2 x M6*30 hexagon inner screws)

8. Put machine cabinet on the connect bracket
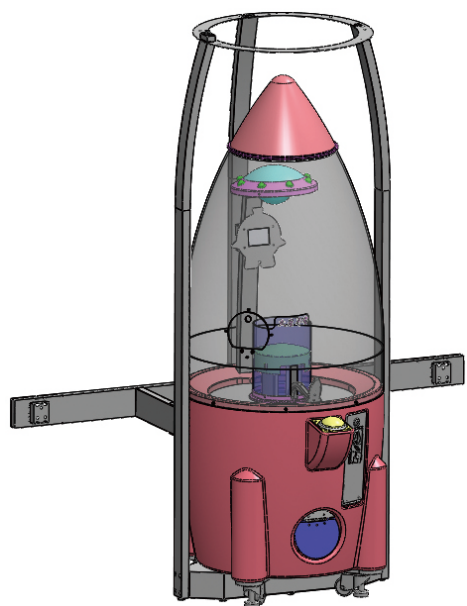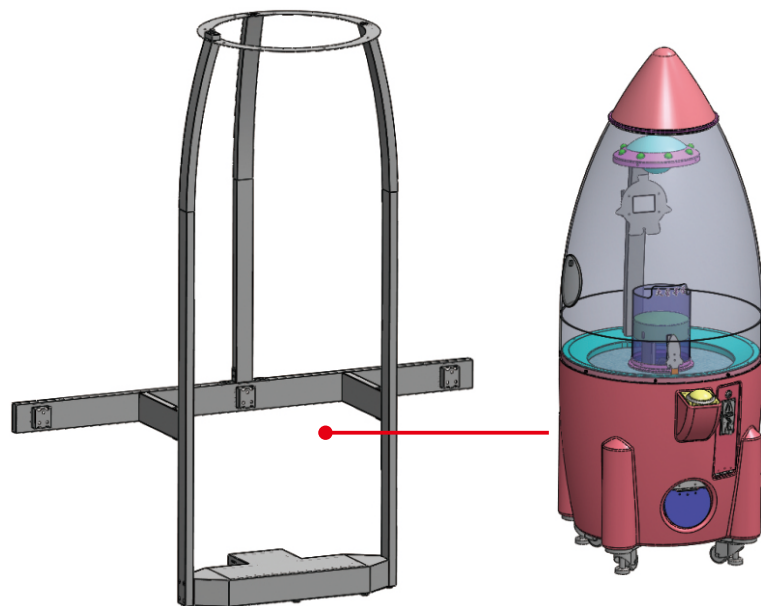
9. Fixed cabinet (3 x M6 screws)
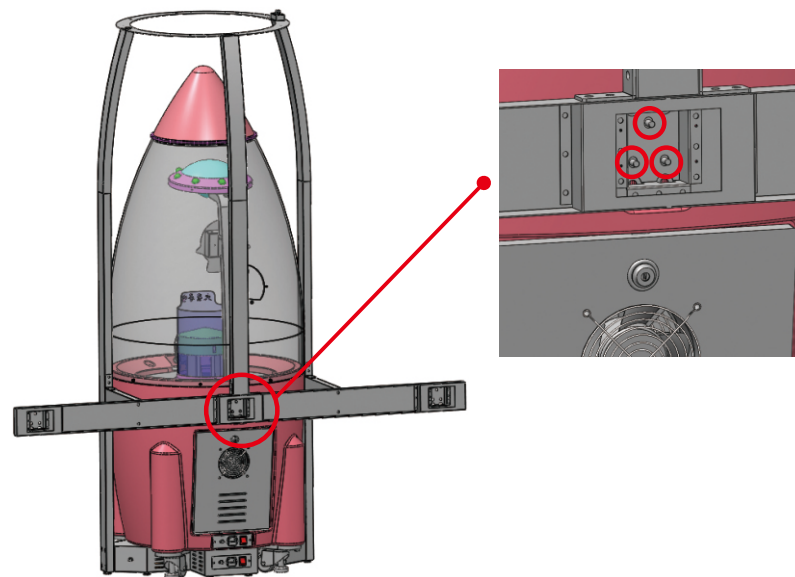
10. Repeat step 9
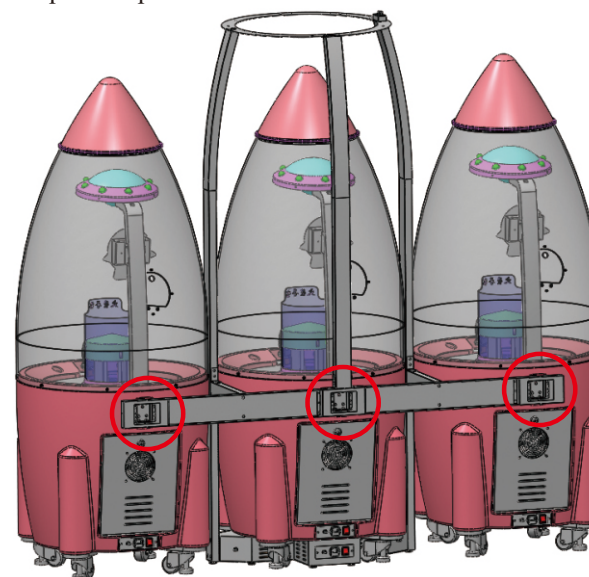
11. UFO light connect wire

Connect wire
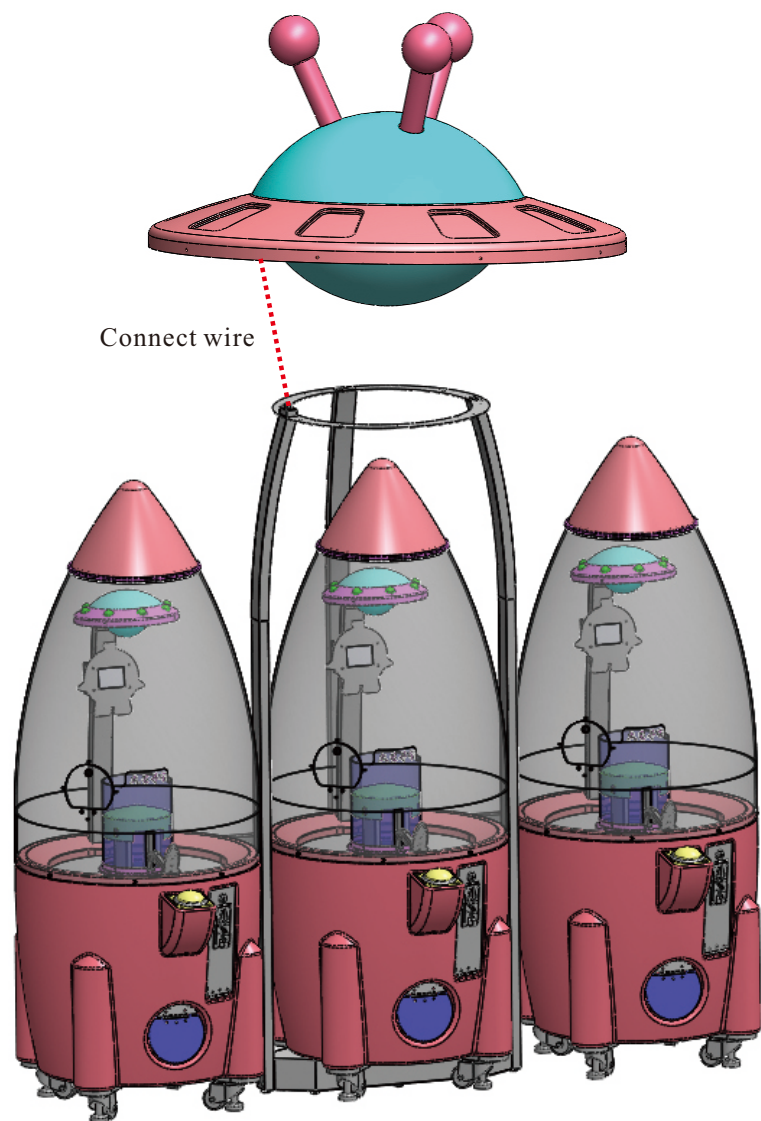
12. Fixed UFO decorative light (9 x M6*16 screws)
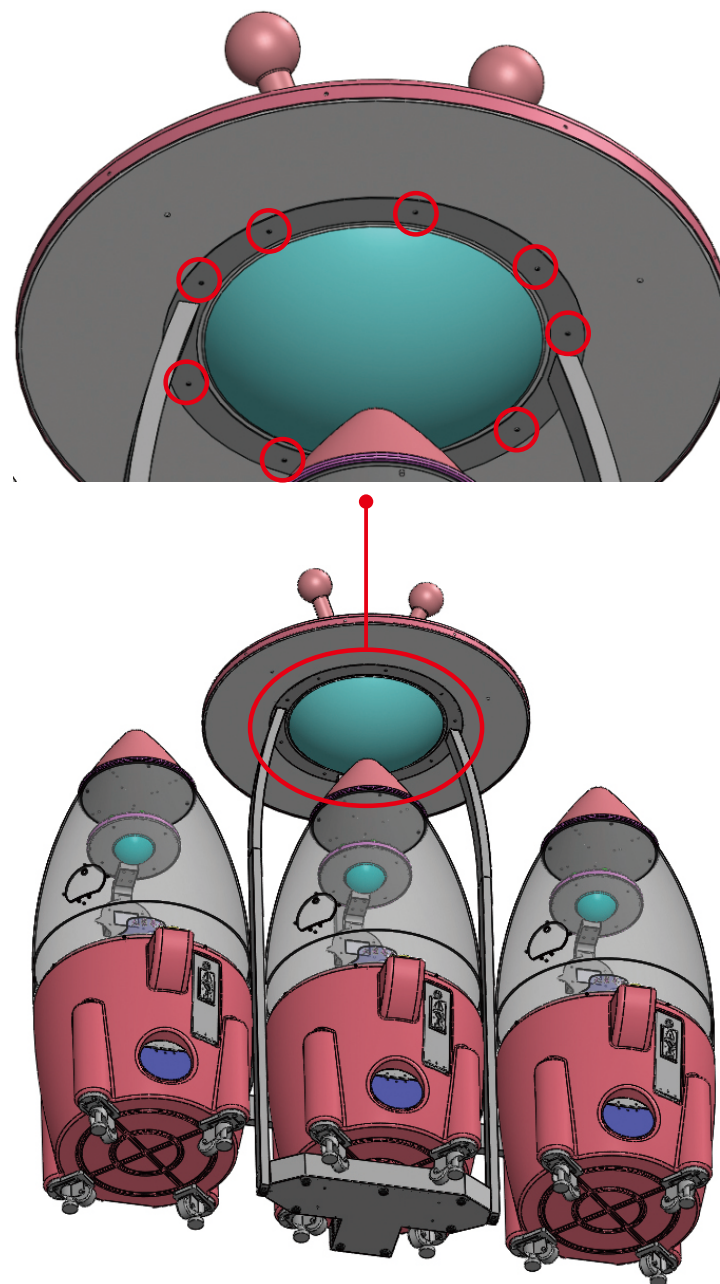
13. Wiring and connecting connectors

Connect power cable position

UFO light Connected Signal Wire
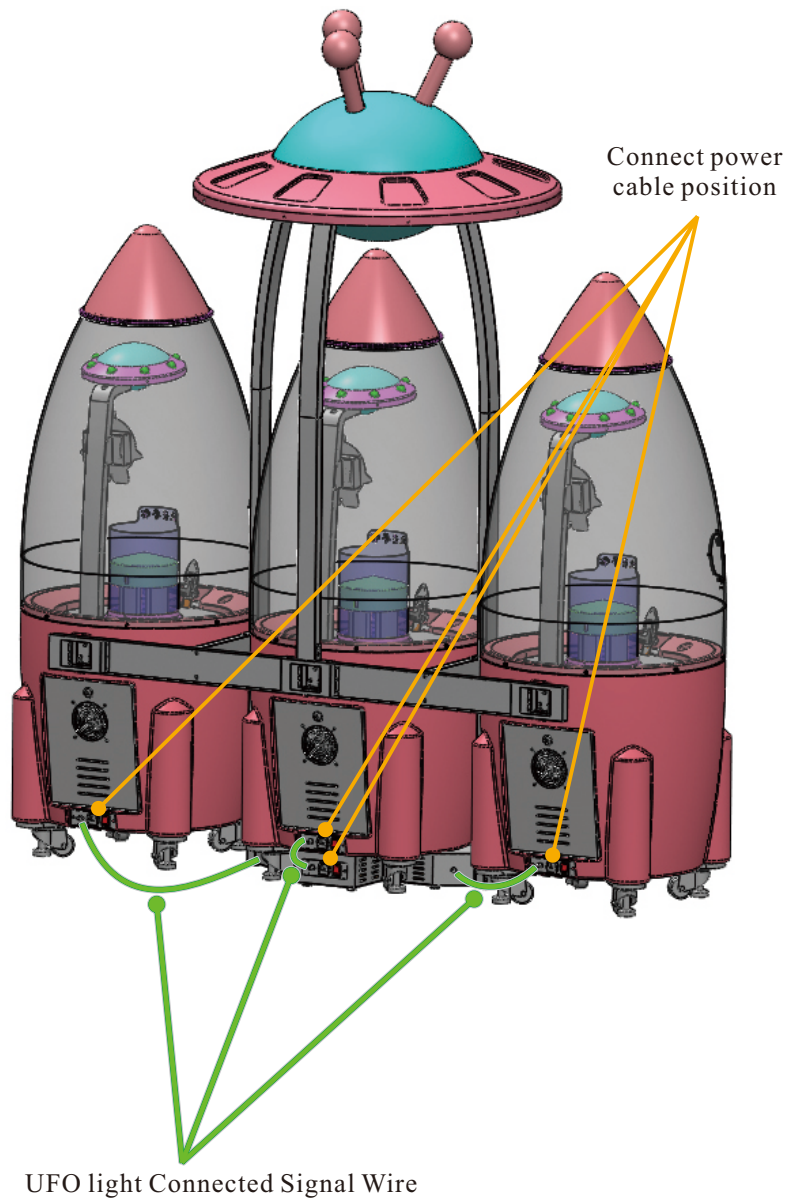
Ⅱ. Specification And Parts

1. Technical Parameters

Name: Mars I (Triangle shape)
Size: D1530*W1655*H2370 (mm)
Weight: 200KGS
Voltage: AC220V
Power: 580W

Name: Mars I (One line shape)
Size: D855*W2220*H2370(mm)
Weight: 200KGS
Voltage: AC220V
Power: 580W

Tip: The prizes for this machine are smaller than 50mm diameter. (Notice for changing specification is not advised,due to upgrading in property and design)

2. Parts

No.	Name	Quantity
1	Keys	2
2	Manual	1
3	Pusher reset mic-switch	1
4	No.2 brush	1
5	No.4 brush	1
6	M4 hexagonal wrench	1

Ⅲ. How To Play

1. Insert Coins
2. Press Button to push prizes
3. Collect any prizes from below

Note: After insert coins, the prizes storage area will rise up a certain height and then fall down, which makes the prizes overflow on the wheel (turntable).

Ⅳ. Product Appearance

Top plastic cover

Floodlight

Nixie Tube

Nameplate

Prize Storage Area

Pusher

Press Button

Turntable

Coin Acceptor

Prize Out
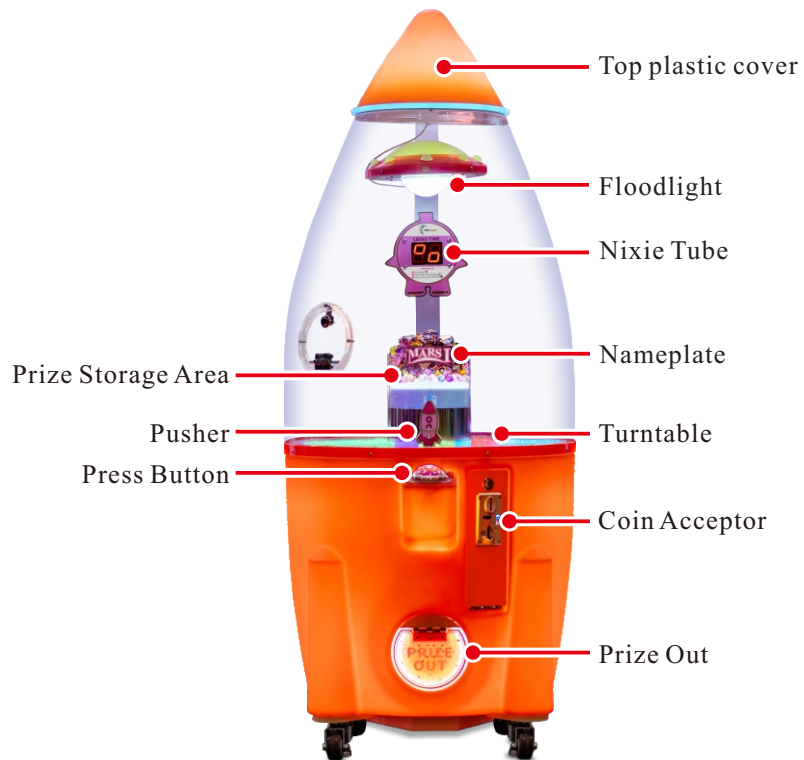
Ⅴ. How To Refill Prizes

1. Open the door as the shown
2. Refill prizes into storage area

Lock

Prize Storage Area

Note: Before adding gifts, please press and hold the "Reset" button to reset prizes storage area to the bottom.

VI. Structure Diagram

Target hole baffle sensor

Target hole baffle Motor

Anti-shake warning device

Relay

Power supply

PCB/Main board

Power supply

Power switch

Power plug

Interface for connecting the middle UFO lamp

Pusher reset mic-switch

Motor of wheel

Pusher motor

Refill motor
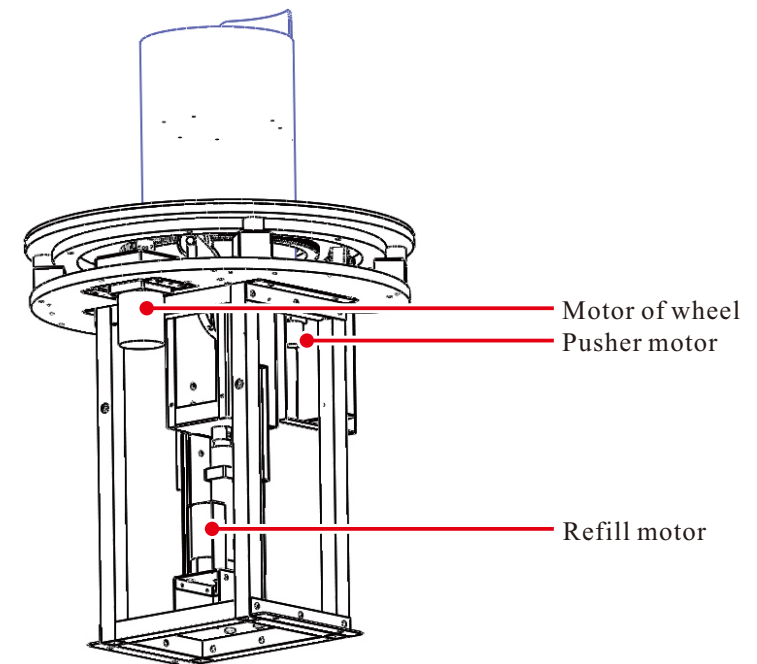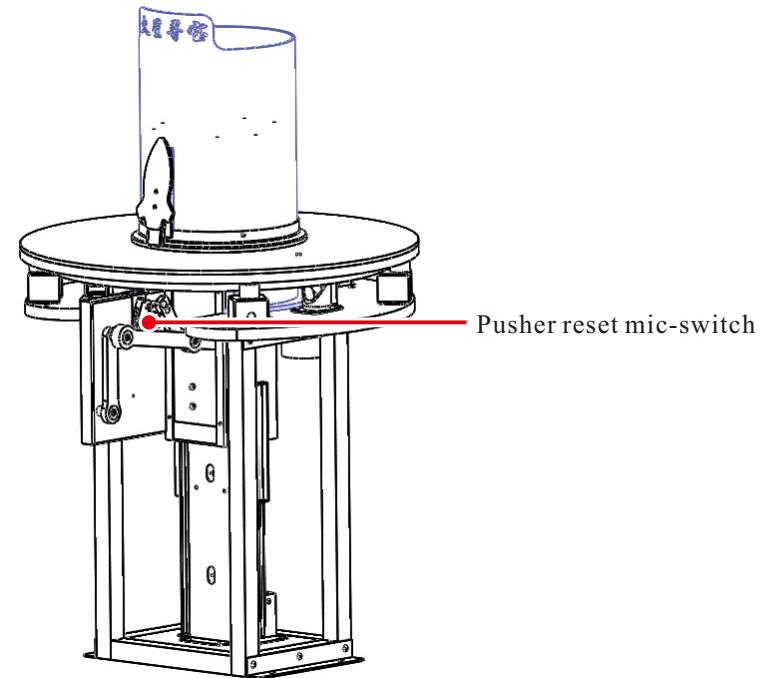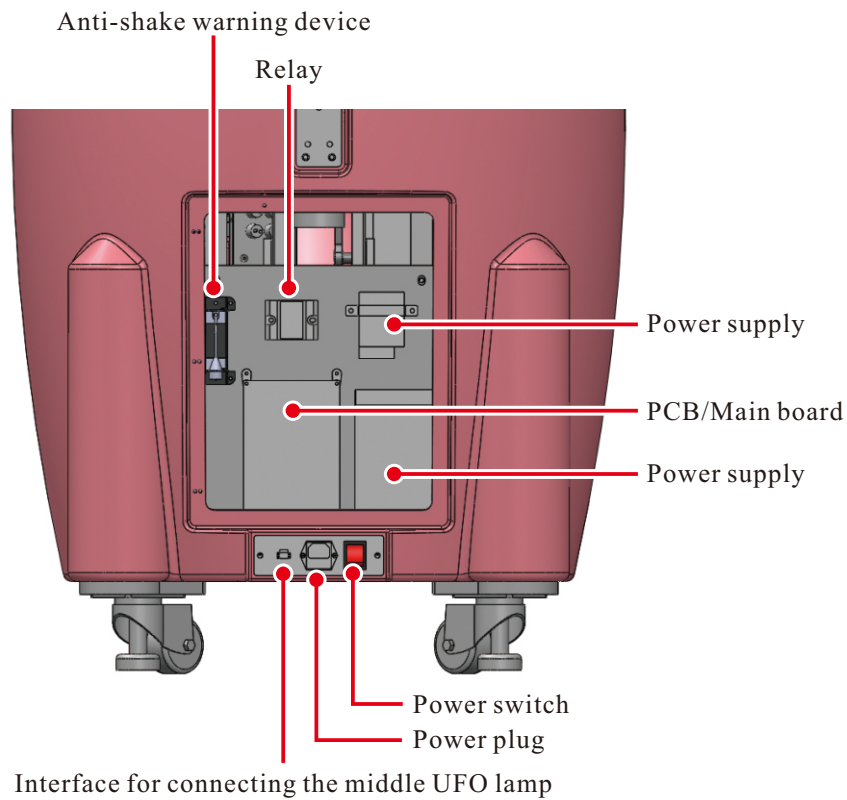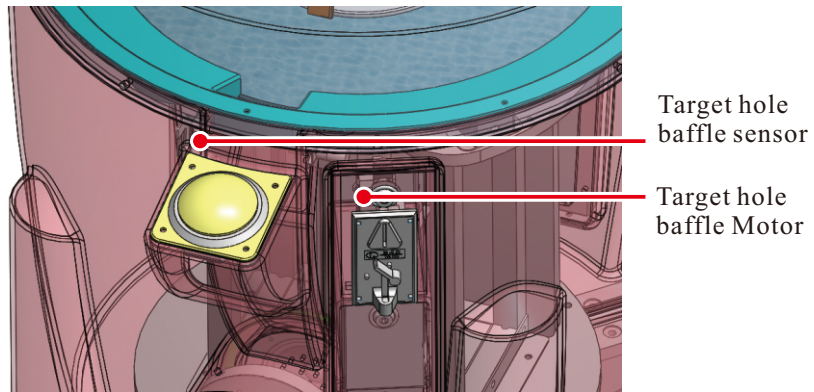
Ⅶ. Setting

1. Setting Button

(Up)   (Reset)

(Down)   (Menu)
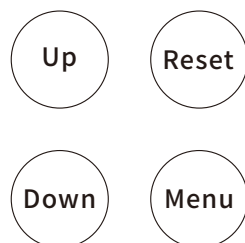
Note: Setting panel behind the coin acceptor

2. Setting Button Introduction

Standby mode		
Name of button	Press	Long press button
Reset	None	Reset prizes storage area and go down to the bottom
Menu	Play one time for free	Access setting
Up	None	None
Down	None	None

Long press "Menu" button into setting

Setting options		
Name of button	Press	Long press button
Reset	None	Reset prizes storage area and go down to the bottom
Menu	Switch P1/P2······	Save and exit
Up	Adjust P1/P2 amount	None
Down	Adjust P1/P2 amount	None

Note: P1/P2...... How to setting P1/P2, please refer to "How to set"

The rising speed of the prizes storage area introduction	
Degree of rising speed	Credit
5	50
6	60
7	70
8	80
9	90
10	100
11	110
12	120
13	130
14	140
15	150
16	160
18	180
20	200
22	220
24	240
26	260
28	280
30	300

Note: credit: it means in how many credits that all the prizes will be overflow to the turntable

3. How To Set

A. Coin setting: P1
   (1) Long press "Menu" to access setting.
   (2) Press " Menu" switch to "P1".
   (3) Press "up"/ "down " adjust the coins.
   (4) Long press "Menu" to save and exit.

B. Degree of prizes storage rising speed setting:P2
   (1) Long press "Menu" to access setting.
   (2) Press " Menu" switch to "P2".
   (3) Press "up"/ "down " adjust the rising speed (The number
      is rising speed, if number is "5" that is 50 credits all prizes
      will be refilled to the turntable,More details please refer to
      " The rising speed of the prizes storage area introduction").
   (4) Long press "Menu" to save and exit.

C. Anti-shakewarning setting: P3
   (1) Long press "Menu" to access setting.
   (2) Press " Menu" switch to "P3".
   (3) Press UP/ DOWN to adjust warning level (The number
      on the screen is the warming level)
      0: Turn off Anti-shake alarm
      1: Low sensitivity alarm
      2: Medium sensitivity alarm
      3: High sensitivity alarm
      4: Highest sensitivity alarm
   (4) Long press "Menu" to save and exit.

D. Prizes storage lighting switch setting: P4
   (1) Long press "Menu" to access setting.
   (2) Press " Menu" switch to "P4".
   (3) Press UP/DOWN to switch on/off, 1 is on, 0 is off.
   (4) Long press "Menu" to save and exit.
   Note: Please turn off the lighting if you put some candies
   or snacks into storage area.

E. Volume setting: P5
   (1) Long press "Menu" to access setting.
   (2) Press " Menu" switch to "P5".
   (3) Press up/down to adjust volume (The larger the number,
      the higher the volume).
   (4) Long press "Menu" to save and exit.

Ⅷ. Error Code

Error code	Reason	Solution
E1	Start button damaged	Replace new start button
E2	Pusher motor damaged or pusher switch damaged	1. Check the wire whether it is loose or replace new pusher motor if the motor doesn't work. 2. Replace new reset micro-switch or check the pusher reset micro-switch whether it loose if the motor still works.
E3	The upper limit sensor or the bottom limit sensor is damaged	Replace new refill motor
E5	Shake alarm	After the machine's anti-shake device is not triggered, it will not alarm
E7	Memory failure	Replace new PCB

NOTE: When machine faults occur, please check parts' circuit whether loose or not.

IX. Circuit Diagram

Triangle shape/One line shape

Ⅹ. Circuit Diagram

5V
12V
Pusher reset micro-switch
Menu
Up
Prizes storage area rising upper limit
Ground
Ground

Ground
Ground
Target hole baffle sensor-Top
Prizes storage area bottom limit
Down
Reset button
Shake alarm signal
12V
5V

12V
12V
Coin meter
Light
Top Light
Relay
12V
12V

Digital monitor

Speaker+
Speaker-

5V
Ground
12V
12V

Start button light-
Ground
Start button light+
Start button

12V
Coin signal
Ground
Refill motor-
Refill motor+
Target hole baffle Motor-
Target hole baffle Motor+

5V
Ground
Pusher motor-
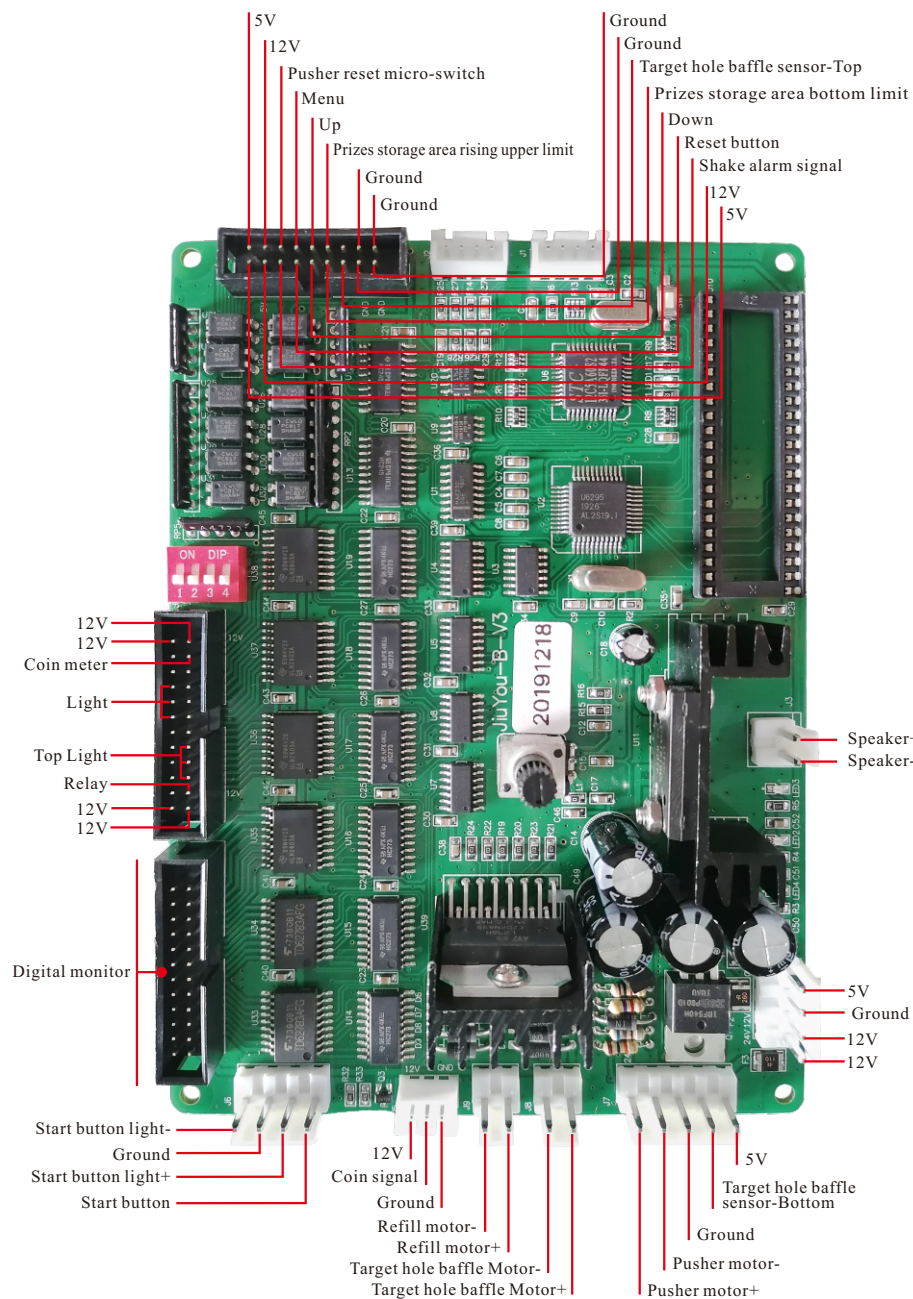Pusher motor+

Target hole baffle
sensor-Bottom

ⅩⅠ. Maintenance

1. When there is dirt on the outer of the machine, please wipe it with a soft dry cloth. If the dirt is quite serious, wipe it with a soft cloth with 5-6 times diluted detergent, and then wipe with a dry cloth.

2. Never use alcohol or volatile solvent-based liquids to wipe, which will damage its surface treatment paint. Do not use cloth containing chemical agents to wipe or place it on the machine for a long time.

ⅩⅡ. Warranty Terms

To ensure the consumers could use our products with rest assured and satisfaction, we will reasonably stipulate our after-sale service system in strict accordance with relevant laws and regulations issued by the state.

1. Due to product's particularity, the product won't be refund once sold.

2. For all machines we sold, we will provide all technical support, including how to check account, difficulty adjustment, reset, various troubleshooting.

3. One-year Warranty: All machines are guaranteed within one year for non-human damage after receiving machines (except for the consumable parts);

Life-long Free Maintenance: When the free replacement or free warranty service expires after one year, we will continue providing technical service, for the part that need to be replaced, only charge the part cost and the maintenance fee is free, and the buyer need to responsible for the express cost.

4. Warranty period starts from the date the buyer receives the machine.

5. Warranty doesn't cover one of the following factors:

(1) All failures and damages caused by man-made, using in abnormal working environment, without following the manual to use, or without following the manual indication environment to use, etc.

(2) Without our consent and permission, user disassembles, repairs, or modifies the product, etc.

(3) Damage caused by poor transportation after purchasing the product.

(4) Damage caused by other irresistible factors (such as flood, lightning stroke, earthquake, abnormal voltage, etc).

(5) Normal use becomes old, abrasion, rupture or dip-dye etc.

(6) Product that is not belong to ours (such as fake, counterfeit product).