

CRAZY PUSHER 2



User Guide

Remark: Photos are for your reference only,
please regard the actual product as the truth.

⚠ Warning

- Please read this user guide carefully before operation to ensure the safe operation of this machine.
- Please keep this user guide in order to check when you need in the future.

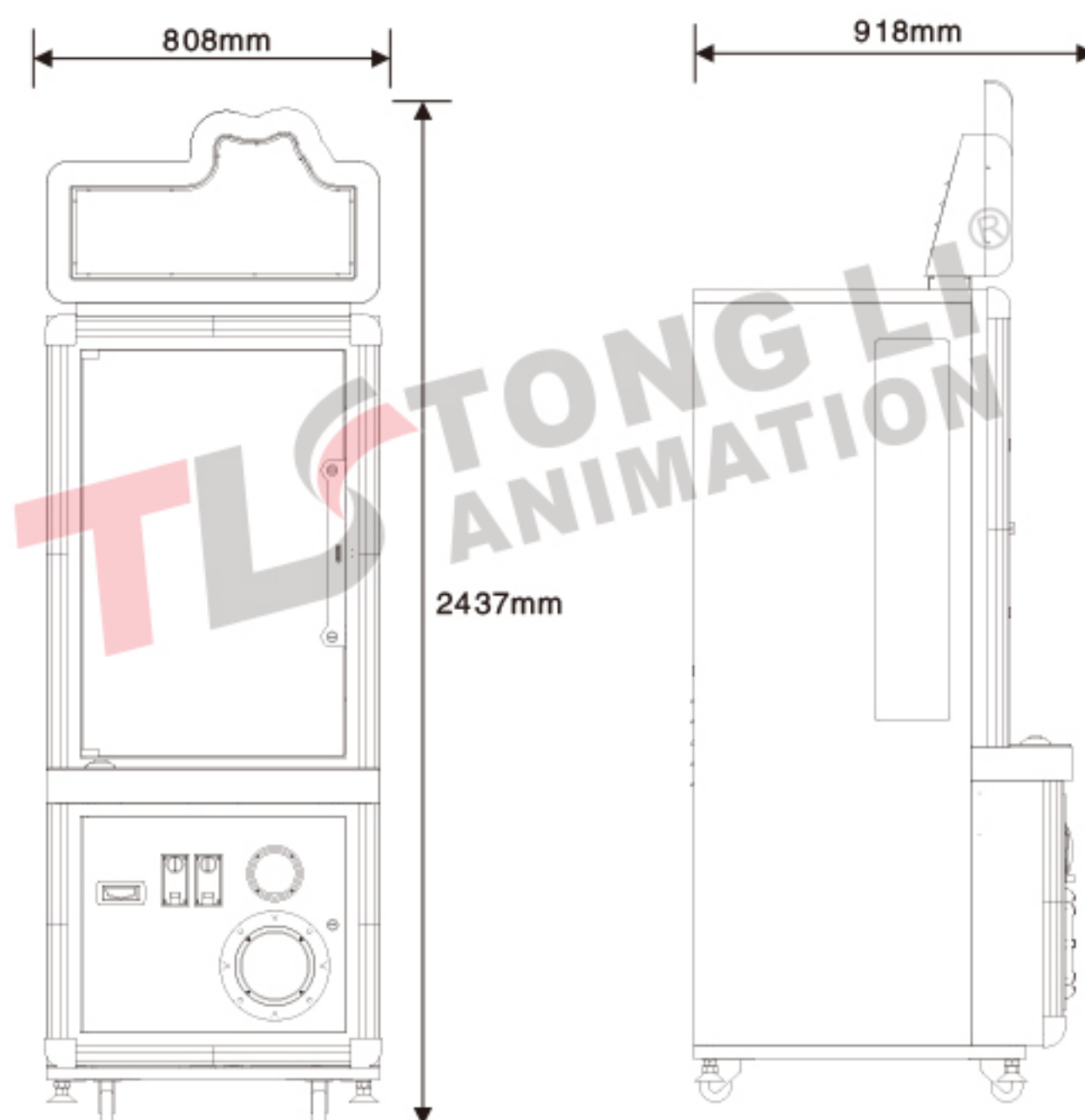


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1.Specification and dimension

1-1. Dimension



1-2. Specification

Dimension (W × D × H)	808x918x2437 (mm)
Weight (KG)	240kg
Voltage	220V
Frequency	60Hz
Rated power	205W

1-3.Parts

No.	Part name	Spec.	Qty.
1	Ac power cord	220V 	1
2	Key		2
3	Polybag	450*650mm 	3
4	Allen wrench	2.5mm 	1
5	Manual		1

2. Installation

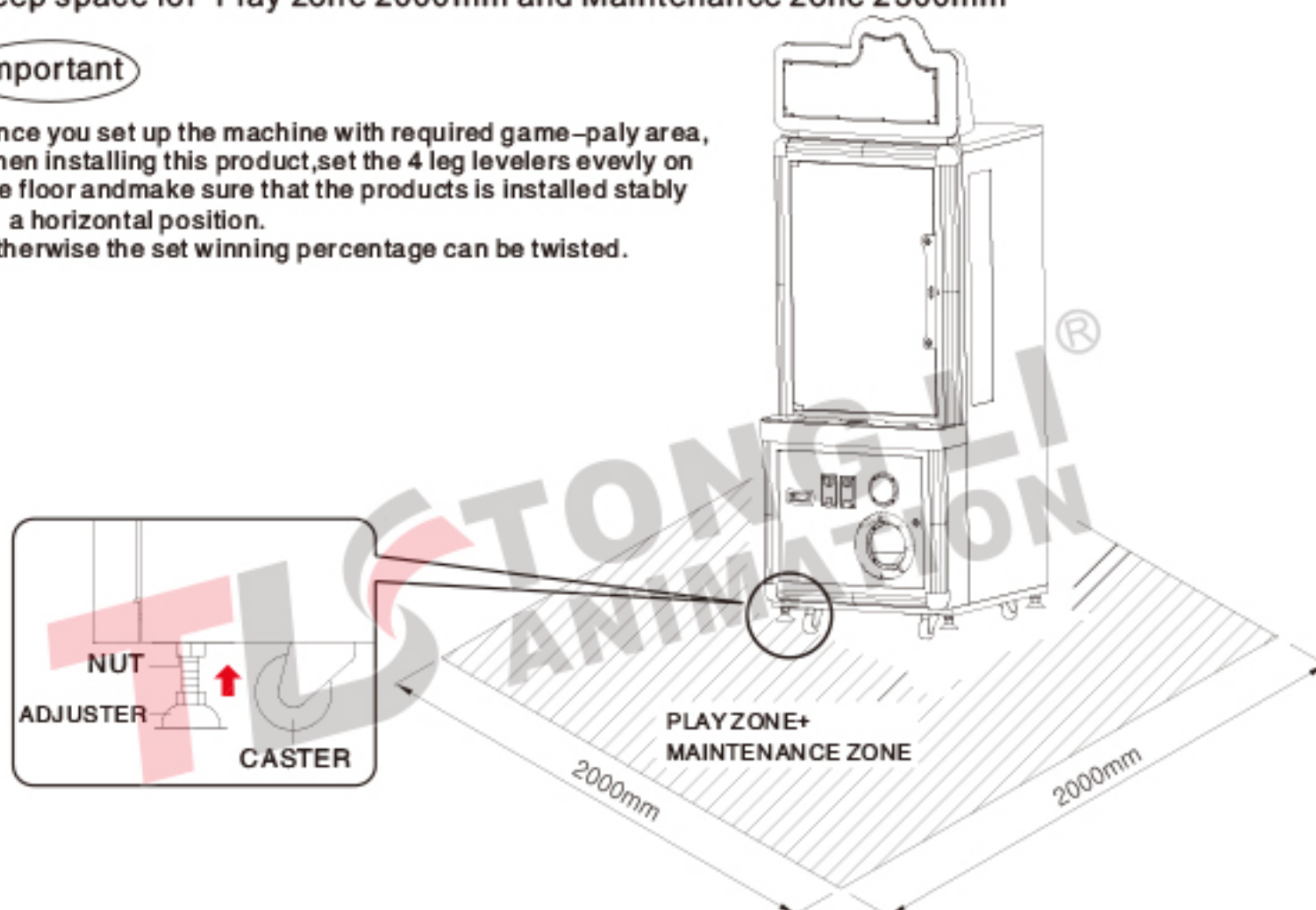
2-1. Floor space

Floor space is belowing:

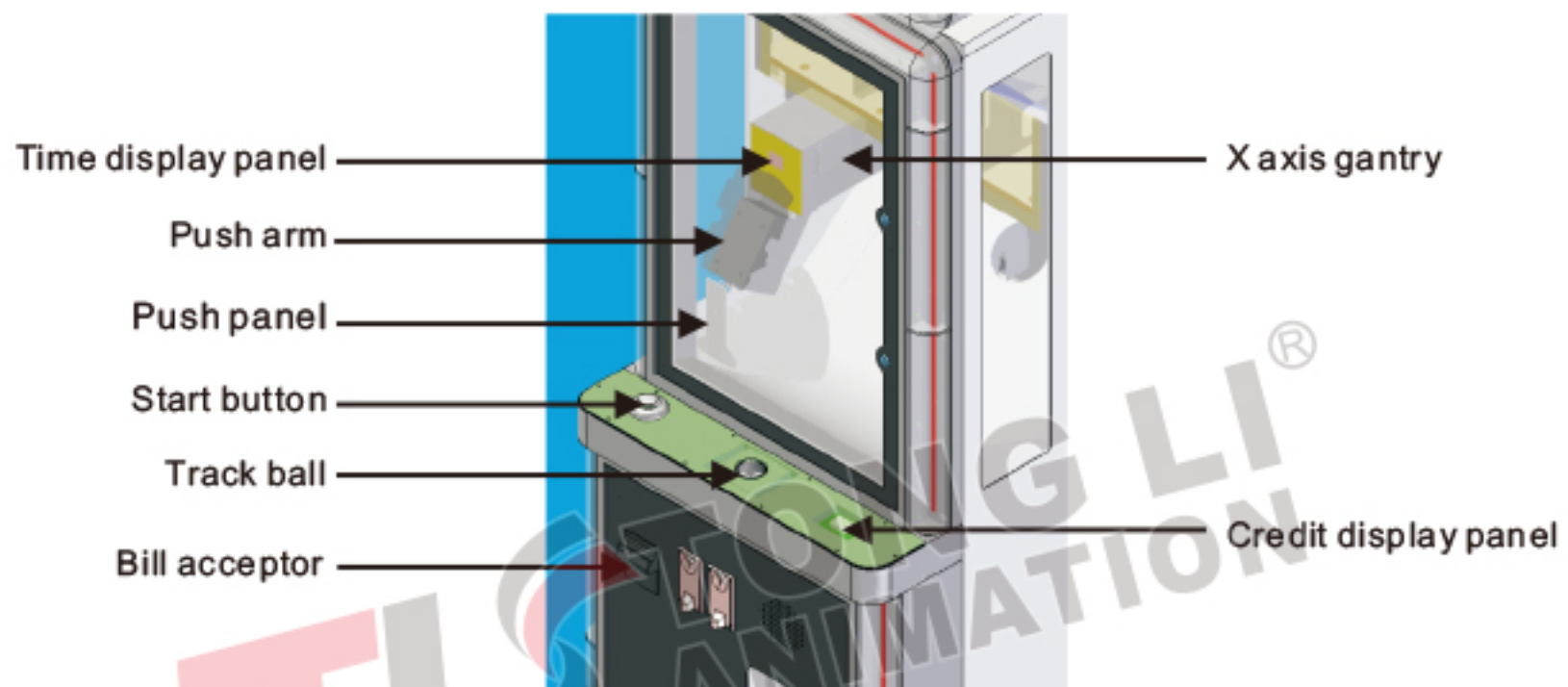
Keep space for Play zone 2000mm and Maintenance zone 2500mm

Important

- Once you set up the machine with required game-paly area, when installing this product, set the 4 leg levelers evenly on the floor and make sure that the products is installed stably in a horizontal position. Otherwise the set winning percentage can be twisted.



3.How to play



1. Insert token or RMB bill,game time start to count down,credit display panel deduct relevant credit.
2. Move the trackball left or right,select the prize you need.
3. Press start button,push arm start to act,move the trackball left or right to control the capsule direction,if don't press the start button in the play time,the push arm will act automatic.

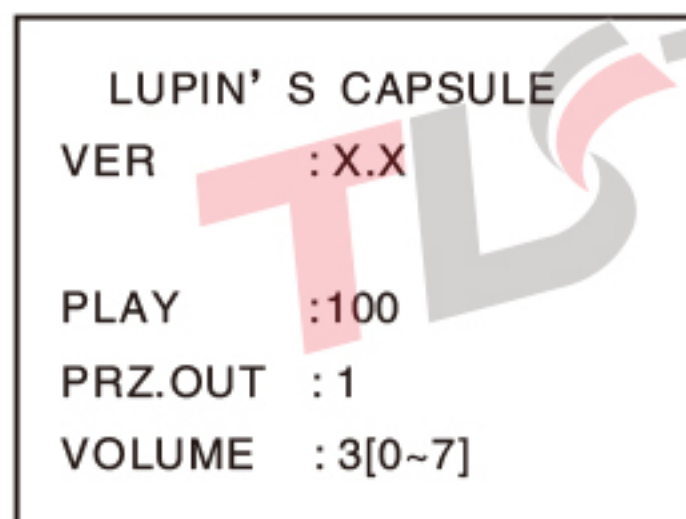
Challenge Fail

- (1)Driver program reset,push panel motor reset and locked,then push arm and x axis gantry start to reset.

Challenge succeed

- (1)Driver program play party program,party music will be start and party light flashing,congrats to get a capsule toy.
- (2)Driver program start to reset,push panel motor resets and locked first,then push arm and x axis gantry start to reset.

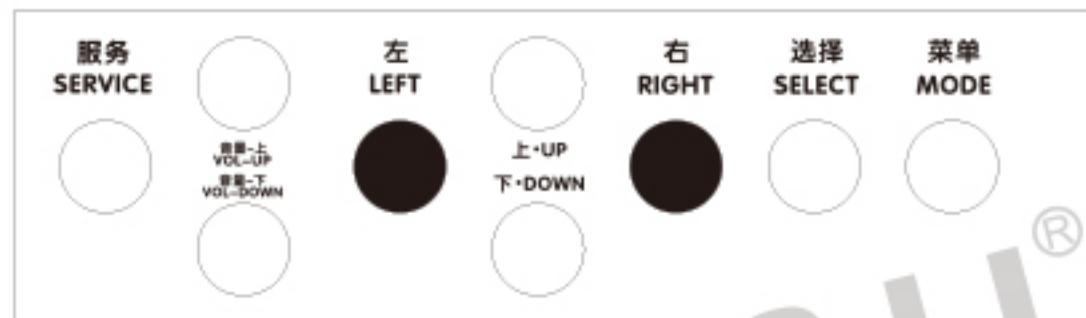
[Display instruction]



1. Control panel display menu
PLAY=Total credits
PRZ.OUT=The qty. of prize out
VOLUME=Volume value(Range:0-7,Default=3)
Volume button may adjust (VOL-UP/VOL-DOWN)

4.Push arm kit setting

1.Hold&press left+right button,and enter to push arm kit setting.



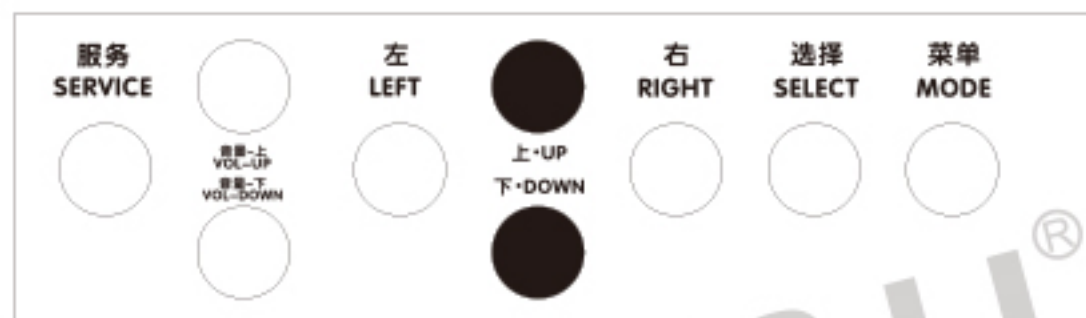
TIP SET	
> UNLOCK TIME	: 1
X MOT SPD	: 90
SWING MOT SPD	: 90
SAVE&EXIT	

- ※ Press up and down button to select setting mode(Sensor '>')
- ※ Press SELECT button to confirm to enter to setting mode.
- ※ Press left or right to modify the value.
- ※ Push arm setting value is not synchro with initialization.

Item	Instruction	Detail	Default
UNLOCK TIME	-1~50	Value is higher,and the unlocking speed is faster Setting=1(Unlocking speed is slow.) Setting=50(Unlocking speed is fast.)	1
X MOT SPD	-1~100	- X axis motor moving speed	90
SWING MOT SPD	-1~100	- Push arm motor moving speed	90
SAVE&EXIT	Saving and exit mode		

5. Testing mode

1. Hold & press up and down button and enter to testing mode

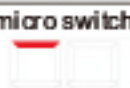
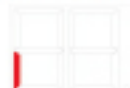
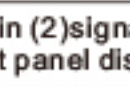


TEST MENU	
> FND&LED	: OFF
CAP.DISPENSER	: OFF
X MOVE	: OFF
TIP SWING	: OFF
TIP LOCK	: OFF
INPUT	: OFF
COIN&BILL	: OFF
COUNTER	: OFF
SOUND	: OFF
AGING TEST	: OFF
EXIT	

※ Press up and down button to select testing item (Sensor '>')

※ Press SELECT button and enter to testing item to control OFF and ON status.

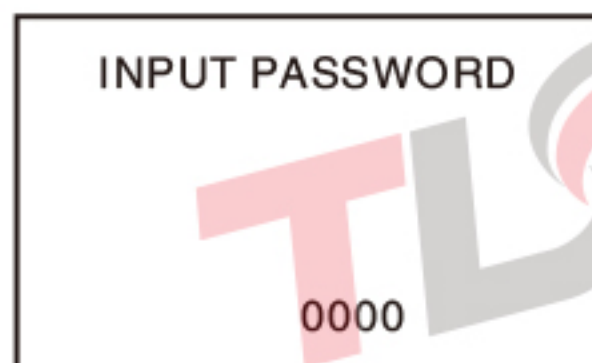
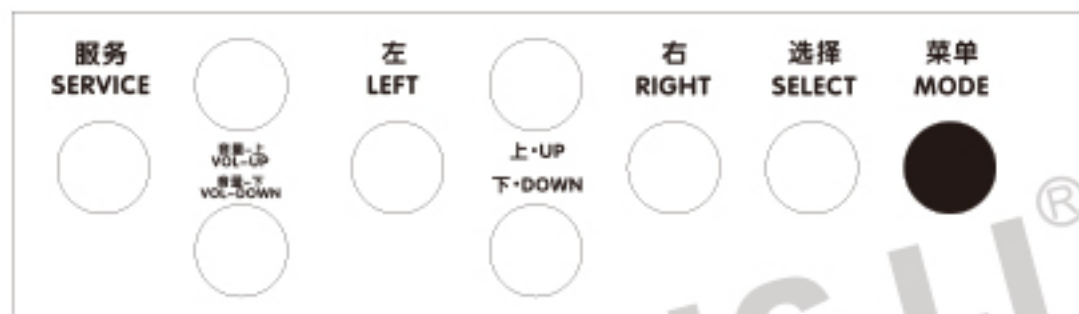
Test Item	Content	Detail	Display content (Time display panel)
FND&LED	1. Credit display panel, time display panel test display 2. LED light panel display different color.	Press SELECT button=Test start From OFF → ON status Press SELECT button again=Close testing From On → OFF status	
CAP.DISPENSER	- Test capsule out from capsule box.	Press SELECT button=Test start From OFF → ON status Capsule box driver motor testing Capsule box prize out sensor switch testing Press SELECT button again=Close testing From On → OFF status	Prize out, switch signal
X MOVE	- X axis moving gantry motor testing	Press SELECT button=Test start From OFF → ON status XAXIS move to the far left and micro switch testing Trackball left/right moving testing X axis moving and the sensor signal testing XAXIS move to the far right and micro switch testing Press SELECT button again=Close testing From On → OFF status	Left micro switch signal Right micro switch signal Sensor normal flashing signal

Test Item	Content	Detail	Display content (Time display panel)
TIP SWING	- Push arm kit testing	-Press SELECT button=Testing starts From OFF ON status Push arm kit upward driver testing Push arm kit upward moving micro switch signal Push arm kit downward driver testing Push arm kit downward moving micro switch testing -Press SELECT button again=Close testing From ON OFF status	Downward micro switch signal  Upward micro switch signal  Sensor normally flashing signal 
TIP LOCK	- Push panel lock/unlock (Motorµ switch testing)	-Press SELECT button=Testing starts From OFF ON status Push panel locking motor driver Locking micro switch testing Unlocking micro switch testing -Press SELECT button again=Close testing From ON OFF status	Locking micro switch signal  Unlocking micro switch signal 
INPUT	-Input sensor micro switch testing -Trackball testing -Starting button testing	-Press SELECT button=Testing starts From OFF ON status (Left)Input sensor micro switch testing Micro switch flashes red light once reacting normally. (Middle)Input sensor micro switch testing Micro switch flashes red light once reacting normally. (Right)Input sensor micro switch testing Micro switch flashes red light once reacting normally. Trackball ,left moving test Trackball ,right moving test Start button testing -Press SELECT button again=Close testing From ON OFF status	(Left)Hole micro switch  (Middle)Hole micro switch  (Right)Hole micro switch  Trackball leftward signal  Trackball rightward signal  Start button signal 
COIN&BILL	-Coin acceptor testing -Bill acceptor testing	-Press SELECT button=Test start From OFF ON status Coin acceptor(NO. 1) testing Coin acceptor(NO.2)testing Bill acceptor testing -Press SELECT button again=Close testing From ON OFF status *Coin meter not recording.	Coin (1)signal (Credit panel display)  Coin (2)signal (Credit panel display)  Bill signal (Credit panel display) 

Test Item	Content	Detail	Display content (Time display panel)
COUNTER	– Counter Test	-Press [SELECT] to start test. Turn OFF to ON Left button to test Coin Counter Right Button to test bill counter [MODE] button to test prize counter - Press [SELECT] button to finish, Turn ON to OFF	
SOUND	– Demo Sound Test	-Press [SELECT] to start test. Turn OFF to ON Test the demo sound from 1 Left and right button to choose - Press [SELECT] button to finish, Turn ON to OFF	
AGING	– Aging Test	-Press [SELECT] to start test. Turn OFF to ON Auto test in following order All Micro Switch test X-axis moving base right direction test X-axis moving base middle position test ⑤ Pusher forward pushing test Pusher lock sensor test ④ Pusher backward moving test Pusher unlock sensor test ⑥ X-axis moving base returning test ⑦ Auto test needs 30s a round ⑧ Repeat above process for retesting Under aging test, all signal of Micro Switch and photosensor shows on the display - Press [SELECT] button to finish, Turn ON to OFF	
EXIT	Test mode exit		

6.Menu setting

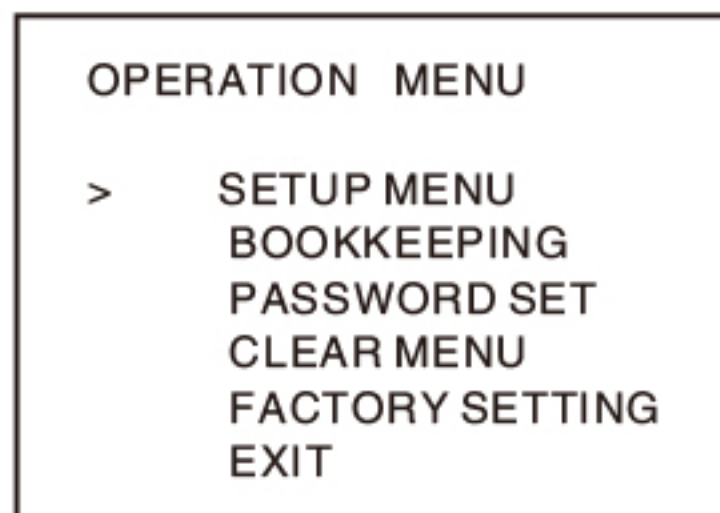
1.Keep press [MODE] to enter menu mode.



Enter the menu mode after press the correct PASSWORD

- Press [UP] or [DOWN] to change the value
- Press [LEFT] or [RIGHT] to choose the position
- Press [MODE] to successfully enter the menu page

2.Operation Menu

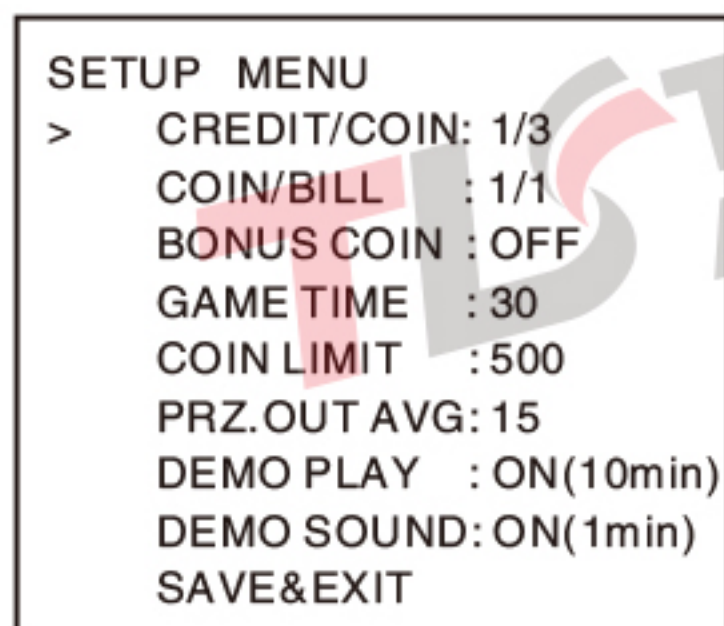


- 1.SETUP MENU
- 2.BOOKKEEPING
- 3.PASSWORD SET
- 4.CLEAR MENU
- 5.FACTORY SETTING
- 6.EXIT

*Press [UP] or [DOWN] to choose setting items (based on cursor)

*Press [SELECT] to enter the setting mode

(1).SETUP MENU



*Press [UP] or [DOWN] to choose setting items (based on cursor)

*Press [SELECT] to enter or exit the resetting

*Press [LEFT] or [RIGHT] to change the value

SETUP MENU	SPECIFICATION	SETTING RANGE	DEFAULT
CREDIT/COIN	Coin Setting: set the coin amount for each round, credit/coin	– FREE(play by free) – 1/1,1/2,1/3	1/3
COIN/BILL	Bill setting: set the exchange of currency and coin	– 1/1,2/1,3/1,4/1,5/1 – 1/2,1/3,1/4,1/5	1/1
BONUS COIN	Bonus setting: set the bill amount of bonus	– OFF (关) – 1/5,1/10,1/20,1/50,1/100	OFF
GAME TIME	Game time setting: set the time for a round	– 10~60 5s per unit	10
COIN LIMIT	Coin limit: set the maximum amount of coin	– 100~1000 50 yuan per unit	500
PRZ.OUT AVG.	PRZ. OUT AVG.:set the payout rate(the rate is based on the prize value)	1:1coin 1~100 games	100
		1:2coin 1~100 games	100
		1:3coin 1~100 games	100
		Free play 100 games	100
DEMO PLAY	Demo play: open or close the demo play video.	– OFF – ON[5,10,15,20,25,30,40,50,60min]	Open(replay in 10mins)
DEMO SOUND	Demo sound: open or close the demo sound	– OFF – ON[1,2,3,4,5,10,15,20,25,30min]	Open(replay in 10mins)
SAVE&EXIT	Save setting: save and exit the setup mode		
CANCLE&EXIT	Cancel the setting: Cancel and exit the setup mode		

(2).BOOKKEEPING

BOOKKEEPING	
>	TOT.PLAY 9999999
	TOT.COIN 9999999
	TOT.BILL 9999999
	TOT.PRZ 9999999
	SVC COIN 9999999

– Press[UP] or [DOWN] to choose (based on the cursor)

– EXIT:press [SELECT] and exit the Bookkeeping

BOOKKEEPING ITEMS	DESCRIPTION	SPECIFICATION	REMARK
TOT.PLAY	Total play	999999	
TOT.COIN	Total coin	999999	
TOT.BILL	Total bill	999999	
TOT.PRIZE	Total prize	999999	
SVC COIN	Press [SERVICE] the total coin of history	999999	Not the same as total coin
RUN TIME	Run time record	00:00	
PLAY TIME	Play time	00:00	
EXIT	EXIT Bookkeeping		

(3). PASSWORD SET

PASSWORD SET

0000

- Press [UP] or [DOWN] to change the value
- Press [LEFT] or [RIGHT] to choose the position
- Press [MODE] to confirm password setting

PASSWORD SET

0000

YES NO

- Press [LEFT] or [RIGHT] to select YES or NO
- Choose YES and press [SELECT] to save
- Choose NO and press [SELECT] to cancel

(4). CLEAR MENU

CLEAR MENU

> CREDIT

CLEAR

GAME DATA

BOOKKEEPING

EXIT

- Press [UP] or [DOWN] to choose (based on the cursor)
- press [SELECT] to clear
- Display "CLEAR" means clearing the record successfully
- EXIT: press [SELECT] and exit CLEAR MENU

CLEAR MENU	DESCRIPTION	SPECIFICATION	REMARK
CREDIT	Clear the coin		
GAME DATA	Clear all game data	- PLAY - PRIZE OUT - PRZ.OUT AVG.	
BOOKKEEPING DATA	Clear all Bookkeeping Data	Clear 3 kinds of game data in bookkeeping	Clear the bookkeeping data will not initialize data
EXIT	Exit the CLEAR MENU		

(5).FACTORY SETTING

FACTORY SETTING

YES NO

FACTORY SETTING

YES NO

YES NO

Press [LEFT] or [RIGHT] to choose YES or NO

Press [SELECT] to confirm

“YES” will confirm the FACTORY SETTING

(When two times confirmation, it will exit the factory setting)

“NO” will cancel and exit the factory setting

(6). Exit OPEARTION MENU

OPERATION MENU

SETUP MENU

BOOKKEEPING

PASSWORD SET

CLEAR MENU

FACTORY SETTING

> EXIT

*Press [UP] or [DOWN] to choose [EXIT]

(Based on cursor)

*Press [SELECT] to confirm and exit the operation menu

System back to play mode

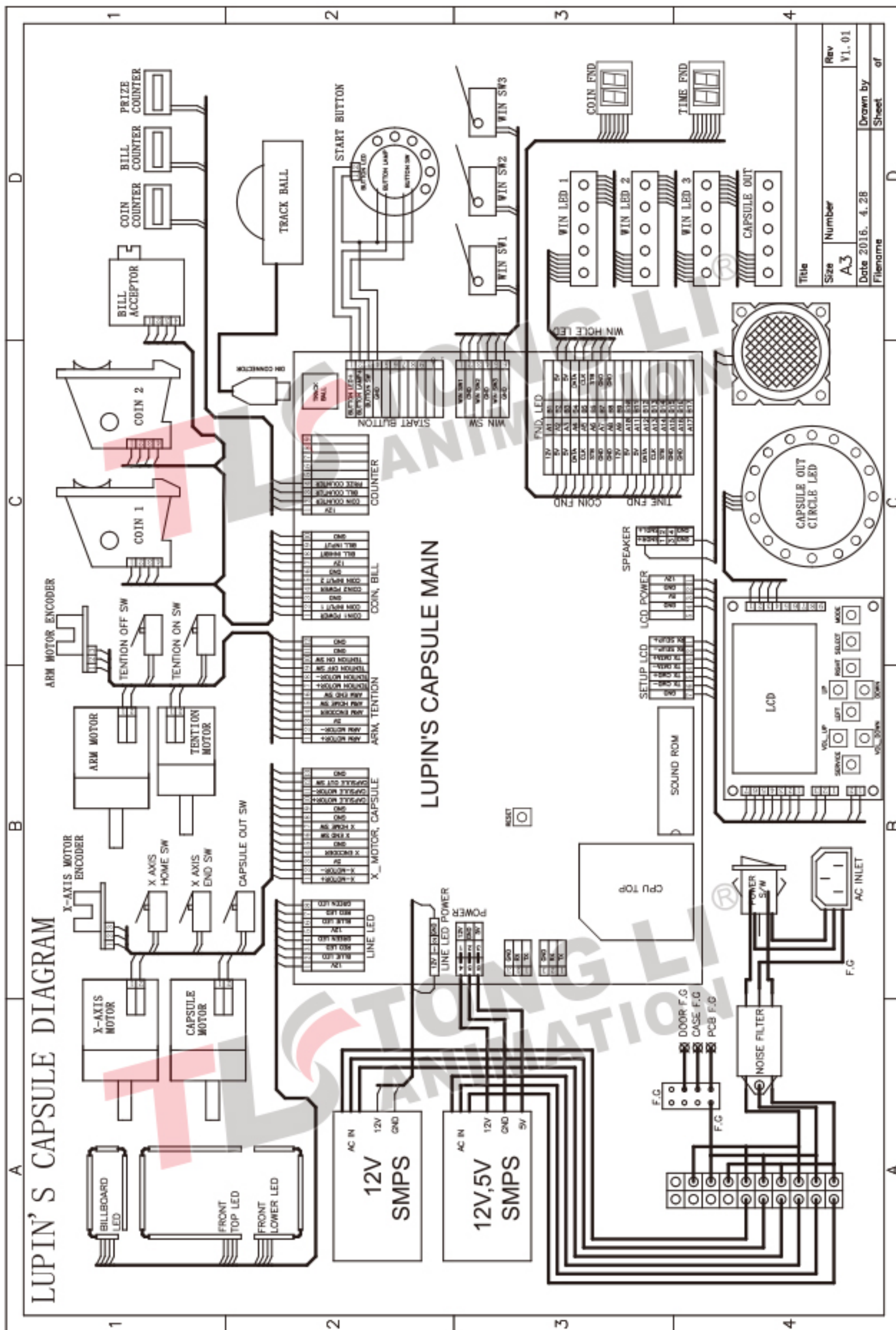
7.Trouble shooting

NO.	TIME BOARD DISPLA	PLAY BOARD DISPLAY	SPECIFICATION	POSITION	SOLUTION
1			Coin acceptor input signal error(No. 1)		1.Check all switches of coin acceptor 2.Check the wire connection 3.Replace the coin acceptor
2			Coin acceptor input signal error(No. 2)		1.Check the switch of coin acceptor 2.Check the wire connection 3.Replace the coin acceptor
3			Bill Acceptor input signal error		1.Check the wire connection 2.Check if the bill acceptor is stuck 3.Replace the bill acceptor
4			X-axis moving base Left-direction reposition micro switch sensor error		Enter Testing Mode: 1.Check micro switch connection 2.Check the wire connection 3.Replace the micro switch
5			X-axis moving base Right direction reposition		Enter Testing Mode: 1.Check micro switch connection 2.Check the wire connection 3.Replace the micro switch
6			Pusher Upwards pusher reposition micro switch sensor error		Enter Testing Mode: 1.Check micro switch connection 2.Check the wire connection 3.Replace the micro switch
7			Pusher Downwards pull back pusher limit micro switch sensor error		Enter Testing Mode: 1.Check micro switch connection 2.Check the wire connection 3.Replace the micro switch
8			Push Pedal Push Pedal lock limit micro switch sensor error		Enter Testing Mode: 1.Check micro switch connection 2.Check the wire connection 3.Replace the micro switch
9			Push Pedal Push Pedal unlock limit micro switch sensor error		Enter Testing Mode: 1.Check micro switch connection 2.Check the wire connection 3.Replace the micro switch
10			No. 1 prize hole micro switch sensor error		Check if the hole stuck with capsules Enter Testing Mode: 1.Check micro switch connection 2.Check the wire connection 3.Replace the micro switch

NO.	TIME BOARD DISPLA	PLAY BOARD DISPLAY	SPECIFICATION	POSITION	SOLUTION
11			No. 2 prize hole micro switch sensor error		Check if the hole stuck with capsules Enter Testing Mode: 1. Check micro switch connection 2. Check the wire connection 3. Replace the micro switch
12			No. 3 prize hole micro switch sensor error		Check if the hole stuck with capsules Enter Testing Mode: 1. Check micro switch connection 2. Check the wire connection 3. Replace the micro switch
13			X-axis moving base The signal photosensor switch sensor error when X-axis moving base is moving		Enter Testing Mode: 1. Check if the photosensor is damaged 2. Check the wire connection 3. Replace the micro switch
14			Pusher The signal photosensor switch sensor error when pusher is moving		Enter Testing Mode: 1. Check if the photosensor is damaged 2. Check the wire connection 3. Replace the micro switch
15			Capsule Storage Capsule drop sensor micro switch error		Enter Testing Mode: 1. Check micro switch connection 2. Check the wire connection 3. Replace the micro switch
16			Capsule Capsule fault		Enter Testing Mode: 1. Check if the motor is working well 2. Check if the Capsule Storage is empty 3. Check if capsule is broken

 TONG LI[®]
ANIMATION

8.WIRING DIAGRAM



9.MAINTENANCE

Dear Customers:

Thanks for your purchasing from Tong Li! We will constantly improve our quality and service, and provide you better quality, high-efficiency, professional products and after-sales service. For protect your legitimate rights and interests, please read this manual detail, and knowing our service content, if the products and accessories were broken without according to this manual, we will not responsible for warranty, and only provide products and accessories for value.

1. Guarantee term.

Guarantee period of crane machines electronic components is 12 months from the purchasing. (Base on the PI date.).

2. The situation without guarantee.

After you purchase this product, if the machines were broken by below reasons, we can not provide guarantee according to this term, and will provide you service for value.

- (1) The whole machine or the parts is over the guarantee period.
- (2) LCD monitor surface is scuffing, weeping, fracture by human error.
- (3) User breached this manual, install, keeping and use wrongly causes to broken.
- (4) Fixing by person without our company authentication, user fixed (Wrong operation, scuffing, knock mark by human error, water-dampness, supply improper voltage.) causing to broken.
- (5) No purchase and guarantee voucher.
- (6) Guarantee and purchase voucher are modified by human.
- (7) The model and number are not match with matter.
- (8) The machine broken due to using the accessories without our authentication
- (9) The machine broken due to natural disaster (earthquake, fire).

3. Service type.

- (1) Once the products are broken down, please notice to us at once.
- (2) Products breakdown maintenance, please must send the unserviceable component to us, and provide the related purchasing voucher.

4. Reminder

- (1) The accessories during the fixing are belong to our company.
- (2) The service for value is containing cost of labor and fixing material.

5. Service and support.

- (1) Please review our website www.tonglianimation.com to get the latest information.
- (2) Technical support and after-service tel: 86-20-39960806/23885090

Memo

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Product name: CRAZY PUSHER 2

Company name: Guangzhou Tong Li Animation Technology co., Ltd.

Address: H19 Startoon City, No. 143 Yingxing East Road, Donghuan Street, Panyu, Guangzhou. China

Version: Ver1.0

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