

# WHEEL 'M IN



Be Sure  
to Read this  
Manual  
Before Use

## Operation Manual

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This manual contains valuable information about how to operate and maintain your game machine properly and safely. It is intended for the owner and/or personnel in charge of product operation. Carefully read and understand the instructions.

If you need any help during installation and setup please utilize this manual and troubleshooting guide. If the product fails to function properly, *non-technical personnel should under no circumstance attempt to service the machine*. Contact your distributor or manufacturer for help.

Before use, please read **IMPORTANT SAFETY INSTRUCTIONS**.

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## IMPORTANT SAFETY INSTRUCTIONS

**To ensure the safe usage of this product, carefully read and understand these instructions before operating your game. Save these instructions for future reference.**

Use this product only as described in this manual. Other uses not recommended may cause fire, electric shock or personal injury. Unplug the game from the outlet when not in use, when moving from one location to another, and before cleaning/servicing.

Explanations which require special attention are indicated by signs of warning. Depending on the potential hazardous degree, the terms: **NOTE**, **NOTICE**, and **WARNING** are used.

**NOTE:** A NOTE indicates useful hints or information about product usage.

**NOTICE:** A NOTICE indicates potential damage to product and how to avoid the problem.

**WARNING:** A WARNING indicates a potential for product damage or serious personal injury.

It is important to understand the meaning of the following **HAZARD SIGNS** before continuing:

### High Voltage and Shock Hazard:

High voltage can cause electric shock.  
Turn off/unplug power before servicing.



### High Temperature Hazard:

This part may cause scalding.  
Do not touch. Surface may be hot.



**No Touching Hazard:**

This part may be hot or can cause electric shock.

Do not touch.



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Use the following safety guidelines to help ensure your own personal safety and to help protect your equipment and surrounding environment from potential damage.

 **This product is an indoor game machine. Do not install outdoors.**

Avoid installing in the following places to prevent fire, electric shock, injury and/or machine malfunctioning:

- Places subject to rain/moisture, or places subject to high humidity.
- Places subject to direct sunlight, or places subject to extremely hot or cold temperatures to ensure that it is used within the specified operating range.
- Places where inflammable gas may be present or in the vicinity of highly inflammable/volatile chemicals or items that can easily catch fire
- On unstable or sloped surfaces. The machine may topple or cause unforeseen accidents.
- Vicinity of fire exits, fire extinguishers etc that may block/prevent safety measures

**WARNING**

Non-technical personnel who do not have technical knowledge and Expertise should refrain from performing such work that this manual require or perform tasks which are not explained in this manual. Failing to comply can cause severe accidents such as electric shock or other serious injuries.

**WARNING: To reduce the risk of fire, electric shock or personal injury, unplug or disconnect the machine from the power supply before servicing.**

Note: The contents of this manual may be updated without notice.

## 1. SPECIFICATIONS

Rated power supply: AC110V 50/60Hz  
 Min. Power consumption: 100W  
 Max. Power consumption: 180W  
 Dimensions: 1205(L)X625(W)X1540(H) (mm)  
 Weight: 175 Kg



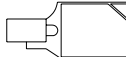
**NOTICE:** After turning off the game, please wait at least 1 minute before restarting again.

**Note:** Game parameters are subject to change without notice.

## 2. PACKAGE CONTENTS

Open the package and make sure all the items are included:

- 1 x Body Assembly
- Following accessories

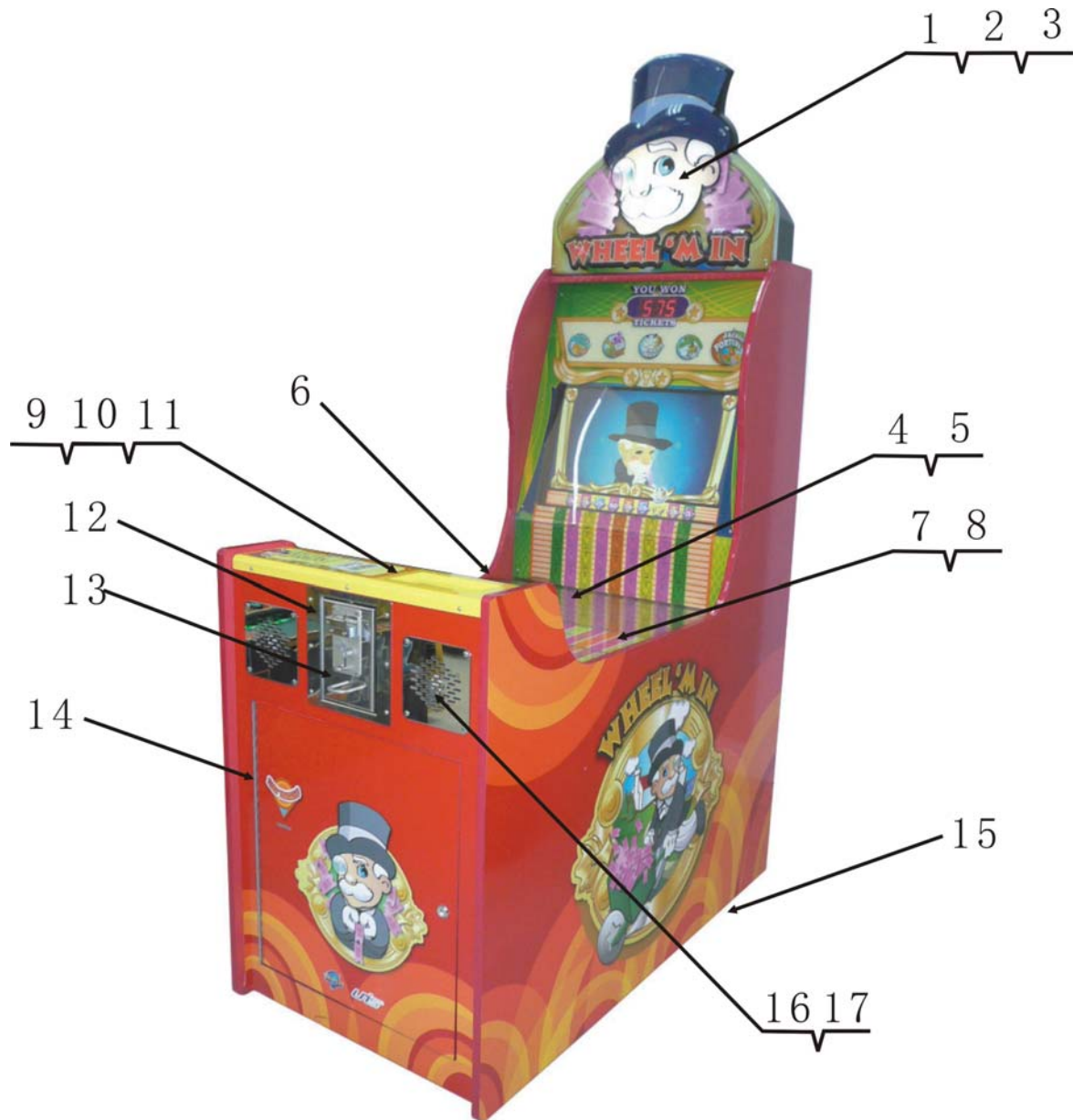
No.	Part No.	Name	Spec.	Qty.	Illustration	Note
4	S101-425-000	Key	GU071 #1	2		

If any items are found to be missing, please contact your sales representative for help immediately.

**NOTE:** Part models are subject to change without notice.

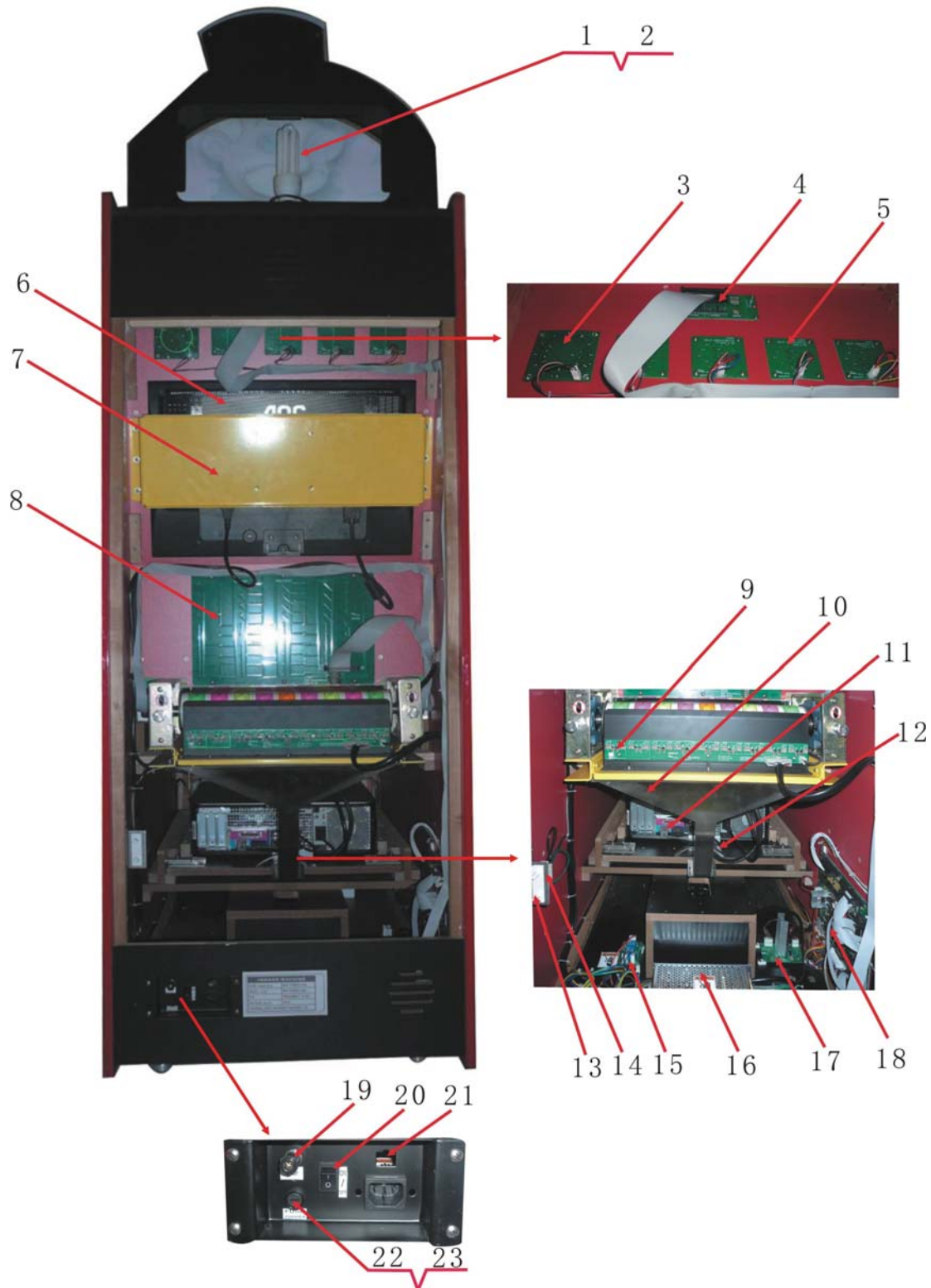
**3. PART NAMES**

**FRONT VIEW**



<b>NO.</b>	<b>Part NO.</b>	<b>Drawing NO.</b>	<b>Content</b>	<b>Qty</b>	<b>SPEC.</b>	<b>Note</b>
1	W103-001-000		Marquee	1	Assembly	
2	W103-101-000	DFW.-06-01	Marquee holder	1	Q235	
3	W103-102-000	DFW.-06-04	Lamp holder	1		
4	W103-601-000	DFW.-00-09	Glass	1	6MM Tempered glass	
5	W103-401-000		Belt	1		
6	W103-801-000		Lighting 1	2	DFW-LED02.PCB(V1.1)	
7	W103-103-000	DFW.-00-07	Two sidelight bracket	1		
8	W103-802-000		Lighting 2	1	DFW-LED03.PCB(V1.1)	
9	W103-104-000	DFW.-00-11	Control panel-1	1	Q235	
10	W103-105-000	DFW.-00-12	Control panel-2	1	Q235	
11	W103-106-000	DFW.-00-13	Hinge	1	Stainless steel	
12	W103-107-000	DFW.-04-04	Coin mech outer frame	1	Q235	
13	W103-108-000	DFW.-04-05	Coin mech inner frame	1	Q235	
14	W103-109-000	DFW.-00-17	Front door hinge	1	Stainless Steel	
15	W103-402-000		Caster	4		
16	W103-110-000	DFW.-00-05	Grill	2	Stainless Steel	
17	W103-403-000		Speaker	2	8Ω10W	

**REAR VIEW**





NO.	Part NO.	Drawing NO.	Content	Qty	SPEC.	Note
1	W103-419-000		Lamp	1	YPZ110/15-S(110V15W)	
2	W103-420-000		Lamp Holder	1	E27-408 E221399	
3	W103-804-000		Lamp board 2	1	XMG.LED18	
4	W103-805-000		Display	1	LED15B3.PCB	
5	W103-806-000		Lamp board 1	4	ZBLJF-LED01.PCB(V1.0)	
6	W103-421-000		AOC Monitor	1	TFT22W90PS(code 210V)	
7	W103-131-000	DFW.00-06	Monitor Frame	1	Q235	
8	W103-807-000		Indicator lamp board	1	DFW-LED01.PCB(V1.0)	
9	W103-808-000		Sensor board	2	DFW-HM01.PCB(V1.2)	
10	W103-132-000	DFW.00-01	Funnel	1	Stainless Steel	
11	W103-422-000		Serial sockets	1	9P-Female	
12	W103-133-000	DFW.00-20	DELL sheet-2	1		
13	W103-423-000		Door SW	2	250V/0.25A	
14	W103-134-000	DFW.00-18	SW base	2		
15	W103-809-000		Motor control board	1	CQT-DJ.PCB(V1.0)	
16	W103-424-000		Power supply	1	EPT-S150S12(12V/12.5A )	
17	W103-810-000		AMP board	1	2.1AMP.PCB(V2.0)	
18	W103-811-000		Main board	1	T8-MB.PCB Ver1.2	
19	W103-425-000		Terminal	1	910A/110V/250V/15A	
20	W103-426-000		SW	1	T125/55	
21	W103-427-000		Filter	1	10SS1-PB 115/250V10A	
22	W103-428-000		Fuse	1	Φ5X20 220V/3A	
23	W103-429-000		Fuse socket	1	R3-11 110V/250V/10A	

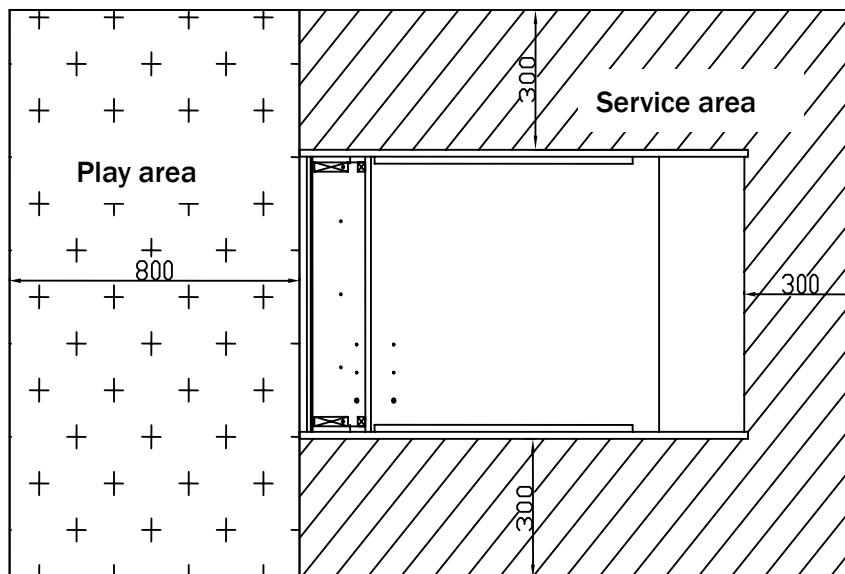
## 4. SET UP & INSTALLATION

 **This product is an indoor game machine. Do not install outdoors.**

- Refer to IMPORTANT SAFETY INSTRUCTIONS (Pg. 2) for places to avoid
- Place the unit on a dry level surface
- Ventilation openings in the back of the unit must not be obstructed by objects or by wall.

### 4.1 Play Zone

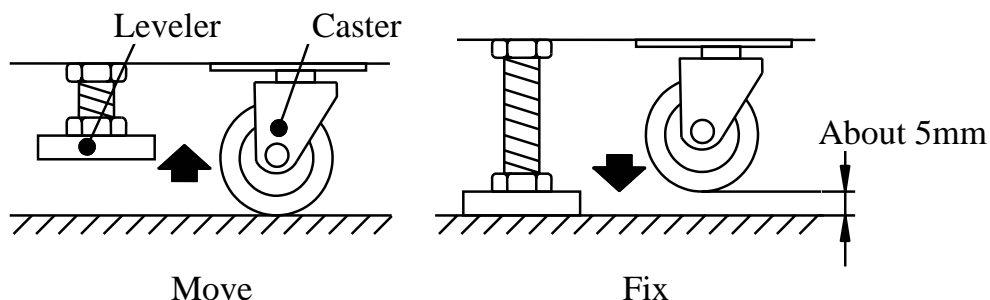
This machine requires space for playing and for maintenance as shown below.  
Leave space around the game upon installation:



## 4.2 Level Adjustment

Install this machine on a flat surface. Adjust levers to lift casters off the ground to level the game. If the game is installed on an unsuitable floor, it could cause a malfunction.

To fix the game, adjust the Leveler down until it touches the floor, lifting the casters off the ground by 5mm. Repeat the same for all levelers.



### NOTICE

Make sure the machine is level with the ground and all the adjustable legs should stick to the floor closely.

## 4.3 Transporting the Game

If you need to move the game, adjust the levelers back to an “up” position so the casters touch the ground.

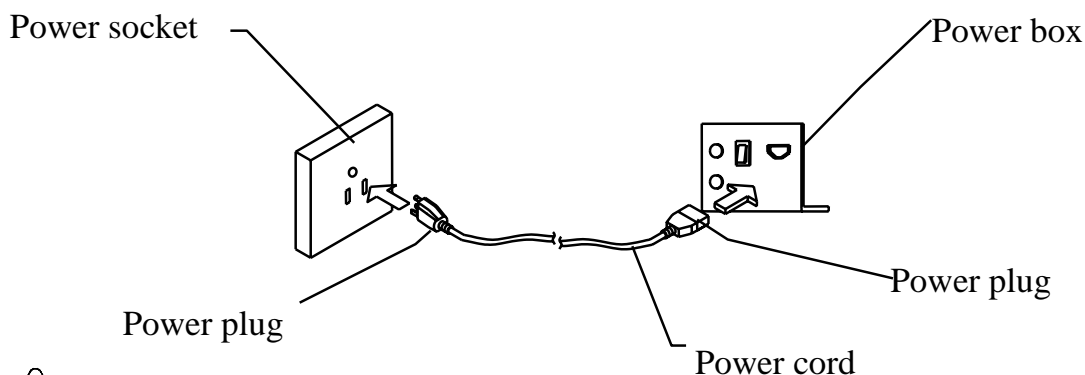
### NOTICE

- Be careful not to damage the machine during transport.
- The machine should be handled with care when bringing it down from a higher level.
- Always unplug the game before moving.
- Keep the machine in upright position during transport.
- For longer distance transport, package the game properly to prevent damages

## 4.4 Connecting Power

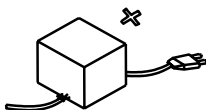
**! WARNING:** Check the voltage rating before you connect the equipment to an electrical outlet to ensure that the required voltage and frequency match the available power source. Please refer the label of the machine.

- Do not plug the equipment power cables into an electrical outlet if the power cable is damaged.
- Avoid putting many loads on one electrical outlet as it could generate heat and fire resulting from overload.
- Connect the grounding conductor to the earth terminal (GND):

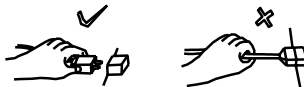


**! WARNING**

Ensure no heavy objects rest on the power cord. Check to make sure the game cabinet does not sit on the power cord as this could damage the cord and become hazardous.



To disconnect the game, grip the plug and pull it from the wall outlet. Never pull by the cord.



To prevent electric shock, do not touch the power plug when hand is wet.



Ensure that nothing rests on the power cord and that it is not located where it can be stepped on or tripped over.



## 5. HOW TO PLAY



Insert coin(s) in the shooter slot and aim at desired lane. The goal is to land the coin in the center of a colored lane (the coin must land *completely within the lane*). Each lane is marked with a different ticket value. When the coin falls within the colored lane, player receives corresponding number of tickets. There are 5 different scores: 5, 25, 50, 75, and 125. If the coin lands on the colored lane with marked with a STAR, player can enter the mini game stage. There are 4 mini games in all. Play all 4 mini games for a chance to win the Bonus!

### 5-1. Mini Game : Pop the Balloon

Player has 30 seconds to shoot as many balloons as possible by inserting coins. Aim for high-value balloons!

Score bar on the left shows the amount of score required to pass the stage, once the bar is full, the stage is completed. Beside the score bar is the display showing ticket amount. The clock at the top right corner shows the time remaining.



### 5-2. Mini Game: Gold Digger



Player has 30 seconds to help the old man mine gold pieces or jewels by inserting coins. The game is over after all the jewel pieces are dug out or when the time runs out.

### 5-3. Mini Game: Treasure Train

Player has 30 seconds to bomb the treasures in the open wagons of a train. Aim for the full wagons and avoid the empty ones!



### 5-4. Mini Game: Theft Hunt



Player has 30 seconds to catch as many running thieves as possible! Different thieves have different scores. Try and catch them all!

### 5-5. Bonus Wheel



Land coins on the STOP lane to stop the wheel to win the huge jackpot!

## 6. GAME OPTION

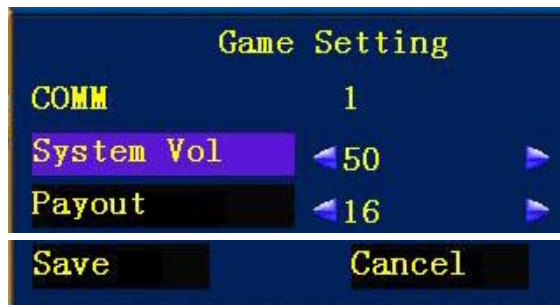


**GAME SETTING:** Game content setting

**Business Report:** Display coin amount and ticket amount.

**Restore Default:** Set the data back to default

**Close:** Back to the game



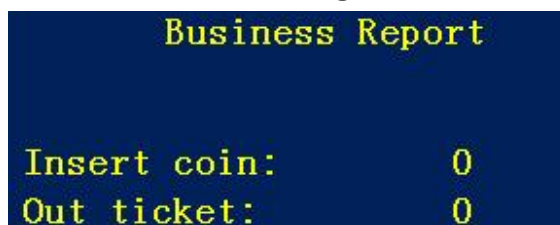
**COMM:** COM port display

**System Vol:** Volume setting

**Payout:** Set the ticket payout per play

**Save:** Exit with saving

**Cancel:** Exit without saving



**Insert coin:** Coin amount

**Out ticket:** Ticket amount



**Game Setting:** If select YES and SAVE the game, goes back to the default setting.

**Business Report:** If select YES, coin amount and ticket amount goes back to zero.

INPUT	CONTENT	INPUT	CONTENT	INPUT	CONTENT	INPUT	CONTENT
J6-1	Setting	J6-9	Coin detect3	J6-17	Coin detect 11	J6-25	
J6-2	Left select/ Ticket reset	J6-10	Coin detect4	J6-18	Coin detect12	J6-26	
J6-3	Coin	J6-11	Coin detect5	J6-19	Coin detect13	J6-27	
J6-4	Ticket feedback	J6-12	Coin detect6	J6-20	Coin detect14	J6-28	
J6-5	Door switch	J6-13	Coin detect7	J6-21	Coin detect15	J6-29	
J6-6	Right select	J6-14	Coin detect8	J6-22	Coin detect16	J6-30	
J6-7	Coin detect 1	J6-15	Coin detect9	J6-23	Coin detect17	J6-31	
J6-8	Coin detect 2	J6-16	Coin detect10	J6-24	Coin detect18	J6-32	

If the game shows an error, check the following output signal:

OUTPUT	CONTENT	OUTPUT	CONTENT	OUTPUT	CONTENT	OUTPUT	CONTENT
J15-01		J14-1	Sidelight1	J13-9	Sidelight9	J11-9	
J15-03		J14-2	Sidelight2	J13-10	Sidelight10	J11-10	
J16-T1	Coin counter	J14-3	Sidelight3	J13-11	Sidelight11	J11-11	
J16-T2	Ticket counter	J14-4	Sidelight4	J13-12	Stage light1	J11-12	
J16-T3	Coin motor action	J14-5	Sidelight5	J13-13	Stage light2	J11-13	
J16-T4		J14-6	Sidelight6	J13-14	Stage light3	J11-14	
J16-T5	Ticket Drive	J14-7	Sidelight7	J13-15	Stage light4	J11-15	
J16-T6E		J14-8	Sidelight8	J13-16	Stage light5	J11-16	

## 7. MAINTENANCE, INSPECTION

### 7.1 Safety Check

Check the points listed before operating the machine. These checks are necessary for safe machine operation:

1. Try to run the game before operation each day.
2. Conduct monthly routine checks of game components ensure good working condition
3. Check the machine regularly for dust and clean when necessary.

**Note:** Parts and components require preventative maintenance to be kept running smoothly

### 7.2 Handling Precautions

When installing or inspecting the machine, be very careful of the following points and pay attention to ensure that the player can enjoy the game safely.

Non-compliance with the following points or inappropriate handling running counter to the cautionary matters herein stated can cause personal injury or damage to the machine



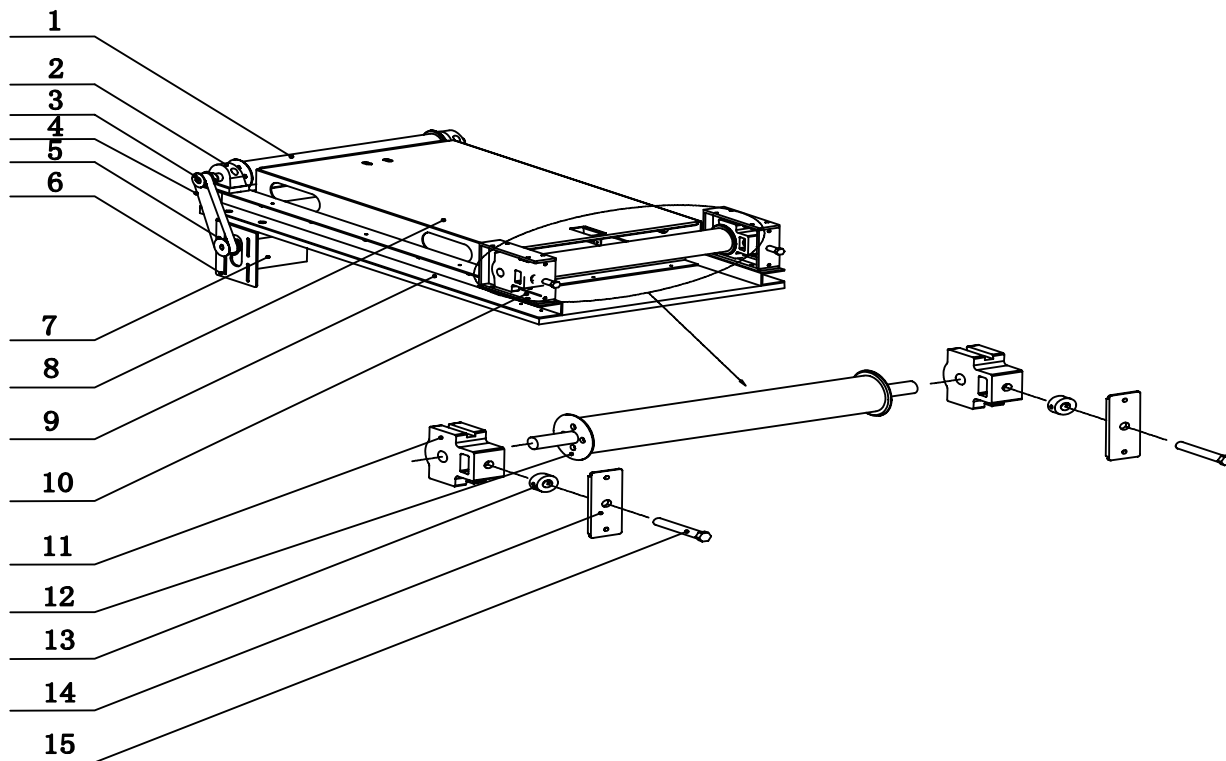
#### WARNING

- Before servicing the machine, be sure to turn power off. Servicing without turning the power off can cause electric shock or short circuit.
- To avoid electric shock or short circuit, do not plug then unplug the power quickly
- Do not expose power cords and earth wires, these are susceptible to damage.
- Damaged cords and wires can cause electric shock or short circuit and should be replaced immediately.
- When or after installing the product, avoid pulling the power cord to prevent unnecessary wear and tear. Use the power button to disconnect power.
- In case the power cord is damaged, ask for replacement through where the product was purchased from or replace locally. Continued usage of damaged cord can cause fire, electric shock or leakage.
- Perform grounding appropriately. Inappropriate grounding can cause electric shock.
- Use fuses that meet specified rating. Fuses exceeding can cause an electric shock.

- Should a problem occur, turn off the power immediately and stop operating the machine. Unplug the power cord of the service outlet. Operating the machine without correcting the problem may cause a fire or injuries.
- Insert the power plug securely into the outlet. Poor contact may cause overheating, resulting in fire or burns.
- To ensure the warning labels attached on the machine are visible and legible, install the machine in a well-lit location, and keep the labels clean at all times. Make sure the labels are not hidden behind other game machines.

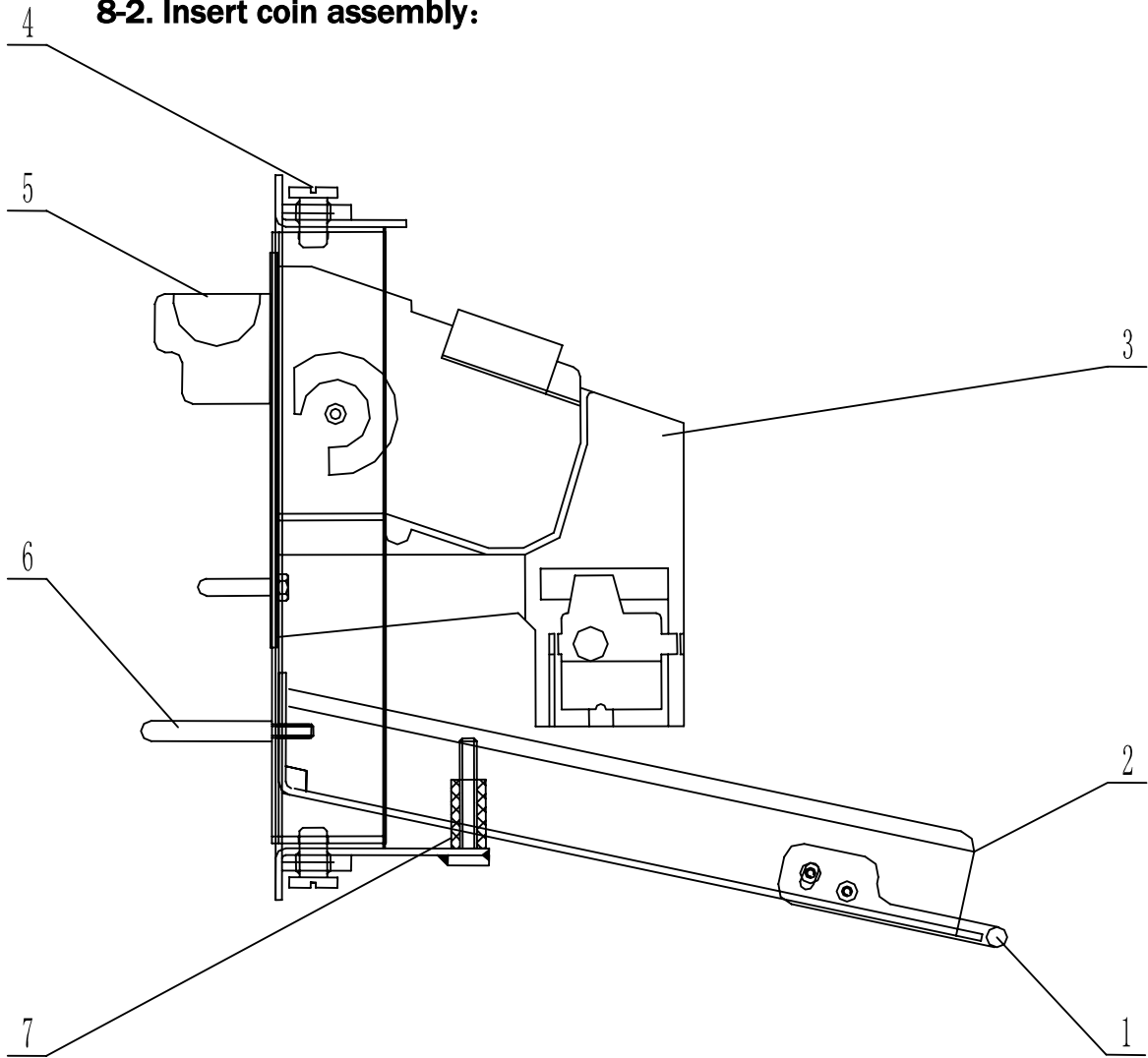
## 8. OVERALL CONSTRUCTION

### 8-1. Belt Assembly:



NO.	Part NO.	Drawing NO.	Content	Qty	SPEC.	Note
1	W103-111-000	DFW.-03-07	Front roller	1	Q235	
2	W103-404-000		Bearing	2	UCPA2/204	
3	W103-112-000	DFW.-03-08	Sub-synchronization wheel	1	45#	
4	W103-405-000		Chain	1	180XL 15 Width	
5	W103-113-000	DFW.-03-11	Synchronization wheel	1	45#	
6	W103-114-000	DFW.-03-10	Motor bracket	1	Q235	
7	W103-406-000		Motor	1	220V YN80-40/80JB40G10	
8	W103-115-000	DFW.-03-12	Belt sheet	1		
9	W103-116-000	DFW.-03-01	Belt bracket	1	Q235	
10	W103-117-000	DFW.-03-04	Bearing bracket	2	Q235	
11	W103-407-000		Bearing	2	UCT2/204	
12	W103-118-000	DFW.-03-06	Back roller	1	Q235	
13	W103-119-000	DFW.-03-03	Fixed ring	2	Stainless steel	
14	W103-120-000	DFW.-03-05	Cover board	2	Q235	
15	W103-121-000	DFW.-03-02	Fixed bolt	2	Stainless steel	

**8-2. Insert coin assembly:**



NO.	Part NO.	Diagram	Content	Qty	SPEC.	Note
1	W103-122-000	DFW.04-01	Adjustable pole	1	Stainless steel	
2	W103-123-000	DFW.04-02	Coin alley	1	Stainless steel	
3	W103-408-000		Coin mech	1		
4	W103-124-000	DFW.04-06	Fix bolt	1	Brass	
5	W103-125-000	DFW.04-07	Coin entry	1	Stainless steel	
6	W103-126-000	DFW.04-08	Handle	1		
7	W103-602-000	DFW.04-09	Damping sleeve	2	polyurethane	

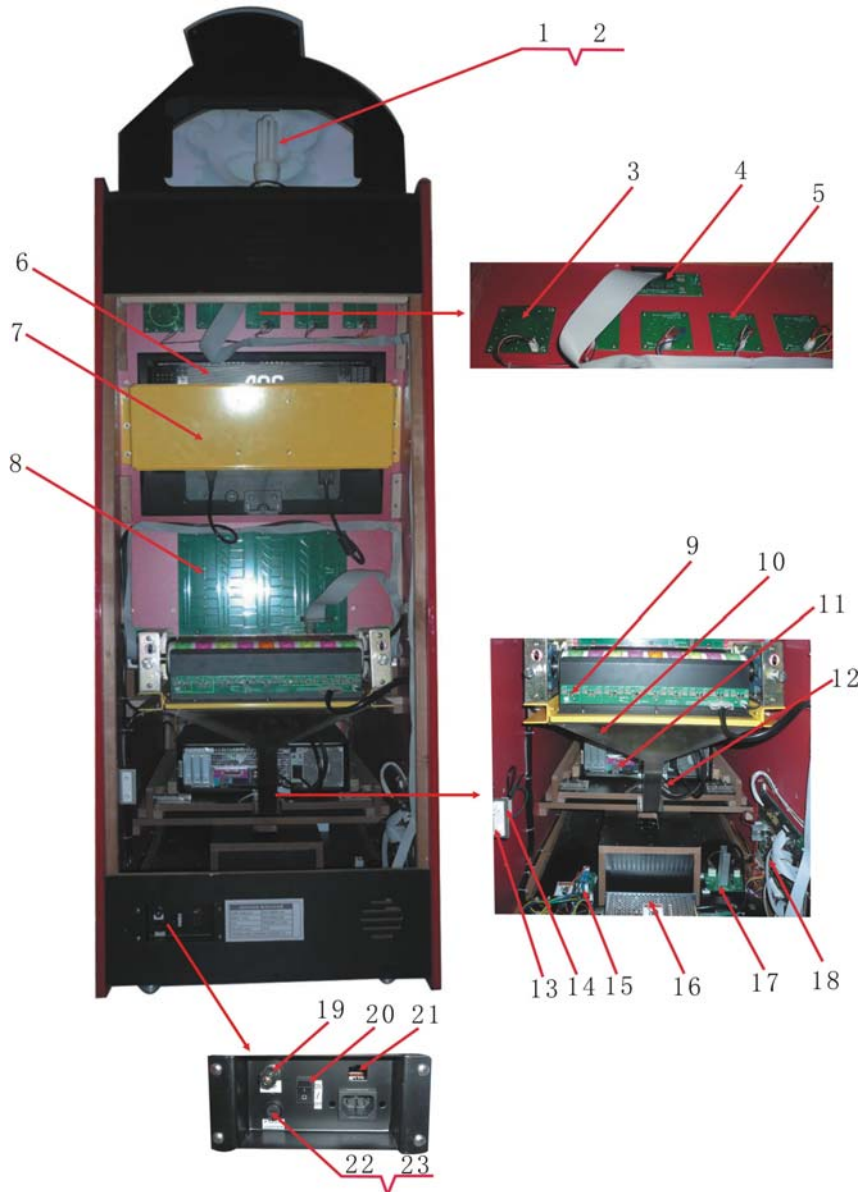
**8-3. Front Door:**



NO.	Part NO.	Diagram	Content	Qty	SPEC.	Note
1	W103-409-00 0		Lock	1	171	
2	W103-410-00 0		Counter	2	C-012 DC12V	
3	W103-127-00 0		Counter bracket	1		
4	W103-411-00 0		Volume POT	1	RB50K SHUANGLUAN	
5	W103-412-00 0		Button (green)	1	PB:11C02R (Test select)	
6	W103-413-00 0		Button (red)	1	PB:11C02R (Test button)	
7	W103-414-00 0		POT rotary SW	1	Black	
8	W103-803-00 0		Ticket converted board	1	TICK-CH.PCB	
9	W103-415-00 0		Ticket dispenser	1	TD963CR	
10	W103-128-00	DFW.00-17	Front door hinge	1	Stainless steel	

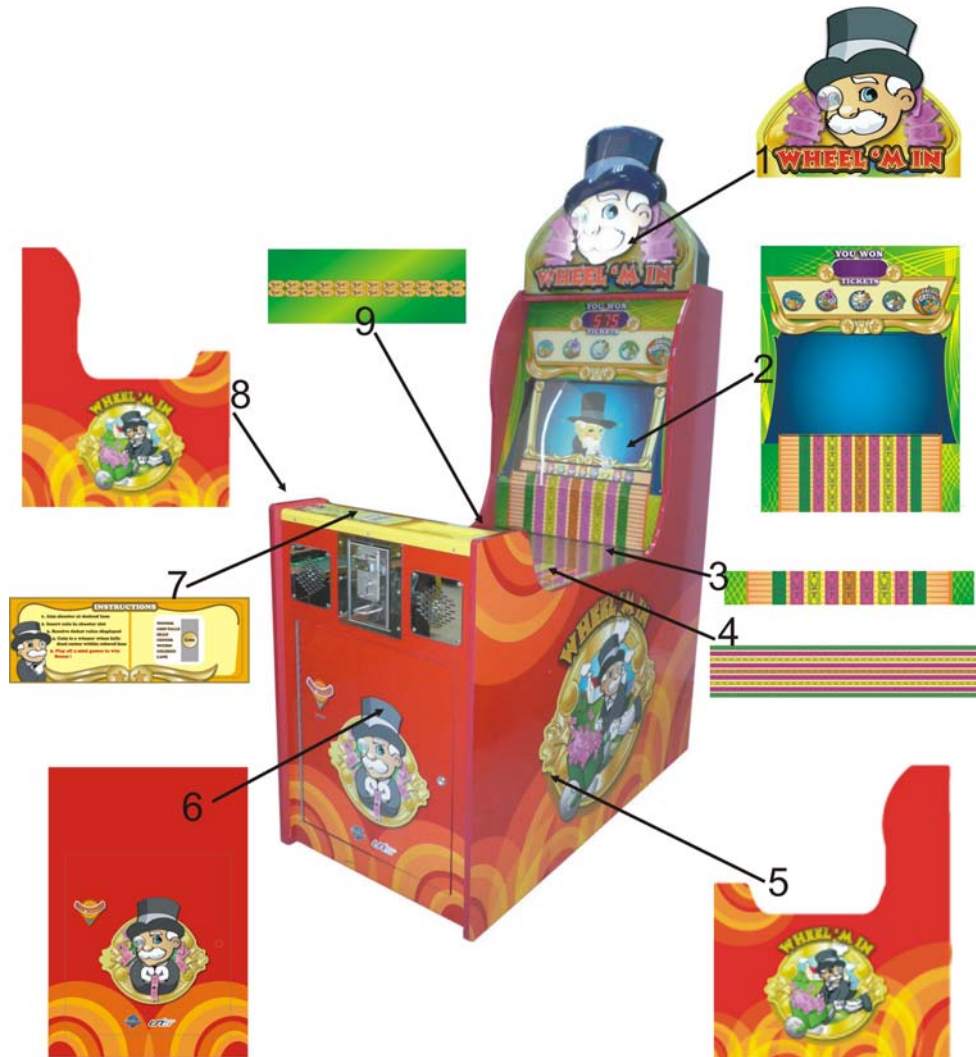
	0					
11	W103-129-00 0		Ticket bin	1		
12	W103-416-00 0		Lock	1	2222	
13	W103-417-000		Handle bar	1		
14	W103-130-00 0	DFW.00-19	DELL sheet-1	1		
15	W103-406-00 0		Motor	1	220V YN80-40/80JB40G10	
16	W103-418-00 0		Computer	1	DELL AO-330DTV	

**8-4 Back Cabinet:**



NO.	Part NO.	Diagram	Content	Qty	SPEC.	Note
1	W103-419-000		Lamp	1	YPZ110/15-S(110V15W)	
2	W103-420-000		Lamp Holder	1	E27-408 E221399	
3	W103-804-000		Lamp board 2	1	XMG.LED18	
4	W103-805-000		Display	1	LED15B3.PCB	
5	W103-806-000		Lamp board 1	4	ZBLJF-LED01.PCB(V1.0)	
6	W103-421-000		AOC Monitor	1	TFT22W90PS(code 210V)	
7	W103-131-000	DFW.00-06	Monitor Frame	1	Q235	
8	W103-807-000		Indicator lamp board	1	DFW-LED01.PCB(V1.0)	
9	W103-808-000		Sensor board	2	DFW-HM01.PCB(V1.2)	
10	W103-132-000	DFW.00-01	Funnel	1	Stainless Steel	
11	W103-422-000		Serial sockets	1	9P-Female	
12	W103-133-000	DFW.00-20	DELL sheet-2	1		
13	W103-423-000		Door SW	2	250V/0.25A	
14	W103-134-000	DFW.00-18	SW base	2		
15	W103-809-000		Motor control board	1	CQT-DJ.PCB(V1.0)	
16	W103-424-000		Power supply	1	EPT-S150S12(12V/12.5A )	
17	W103-810-000		AMP board	1	2.1AMP.PCB(V2.0)	
18	W103-811-000		Main board	1	T8-MB.PCB Ver1.2	
19	W103-425-000		Terminal	1	910A/110V/250V/15A	
20	W103-426-000		SW	1	T125/55	
21	W103-427-000		Filter	1	10SS1-PB 115/250V10A	
22	W103-428-000		Fuse	1	Φ5X20 220V/3A	
23	W103-429-000		Fuse socket	1	R3-11 110V/250V/10A	

## 8-5. Decals



NO.	Part NO.	Diagram	Content	Qty	SPEC.	Note
1	W103-701-000	DFW-HM-03	Marquee decal	1	486X490 (3MM plexi)	
2	W103-702-000	DFW-HM-04	Monitor frame	1	588X775 (3MM acrylic)	
3	W103-703-000	DFW-HM-05	Score sheet	1	584X89 (3MM acrylic)	
4	W103-704-000	DFW-HM-07	Belt	1	1896X365(3MM polyurethane)	
5	W103-705-000	DFW-HM-02	Right side decal	1	1200X1500 (white adhesive glue)	
6	W103-706-000	DFW-HM-01	Front decal	1	590X858 (white adhesive glue)	
7	W103-707-000	DFW-HM-08	Control panel decal	1	336X120(white adhesive glue)	
8	W103-708-000	DFW-HM-02	Left side decal	1	1200X1500 (white adhesive)	
9	W103-709-000	DFW-HM-06	Side lighting decal	2	701X188 (3MM acrylic)	