

GIANT KEY MASTER

OWNER'S MANUAL

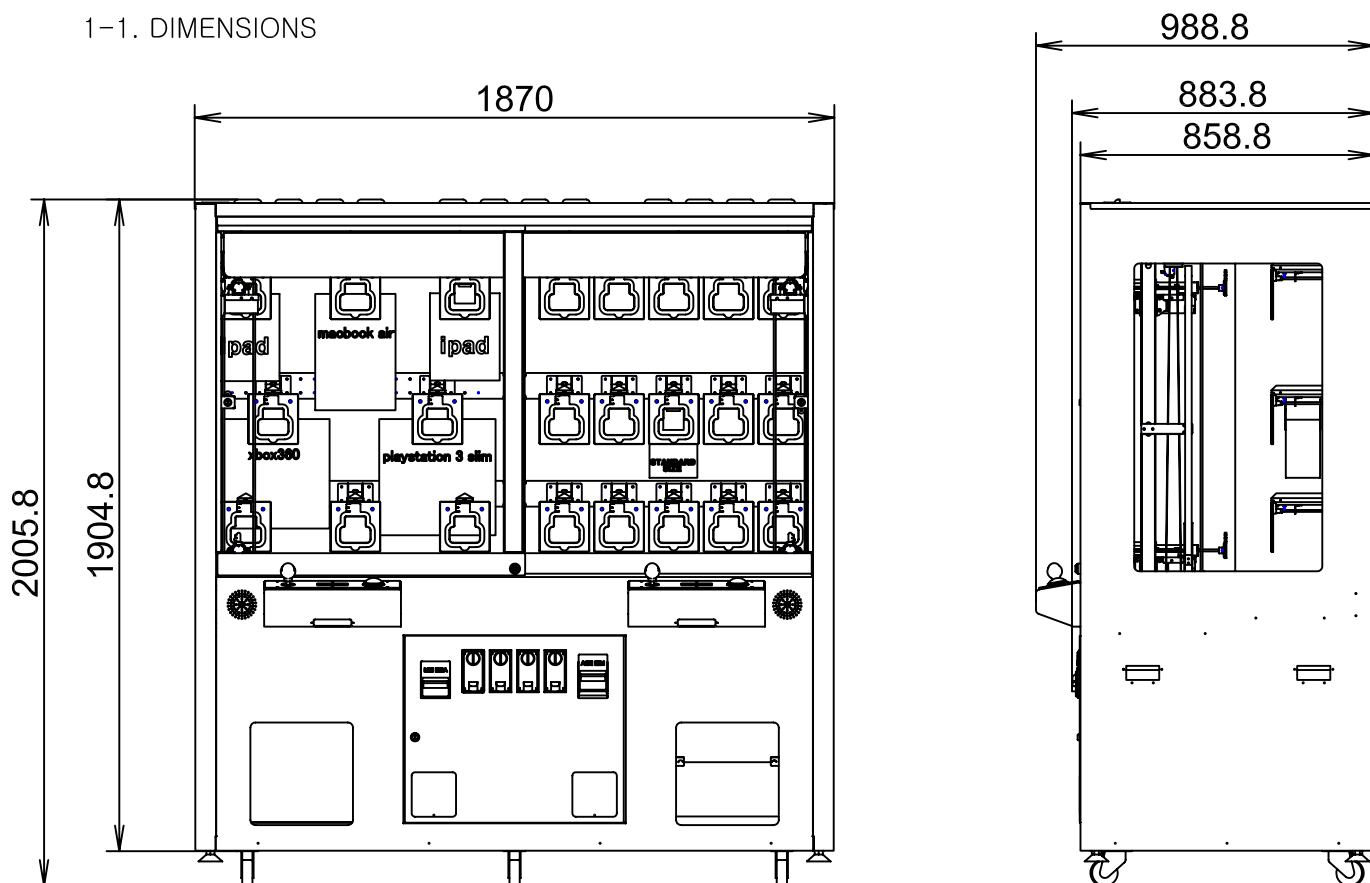


IMPORTANT

- Please read the manual carefully and keep it in mind before using this machine.
- Put this manual within touch of your reference in anytime.

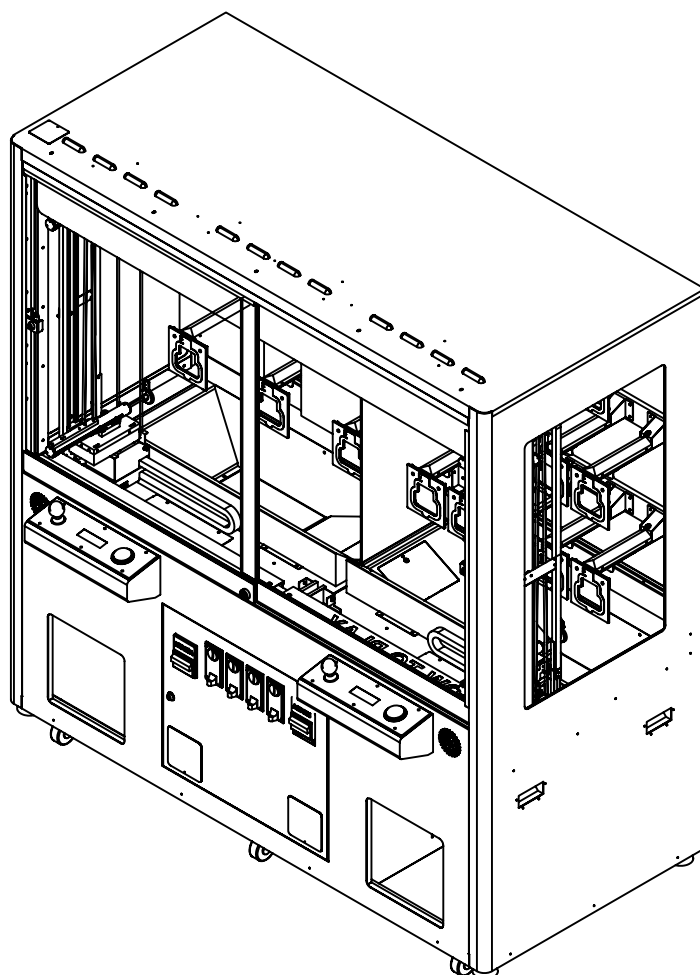
1. SPECIFICATION AND DIMENSIONS

1-1. DIMENSIONS



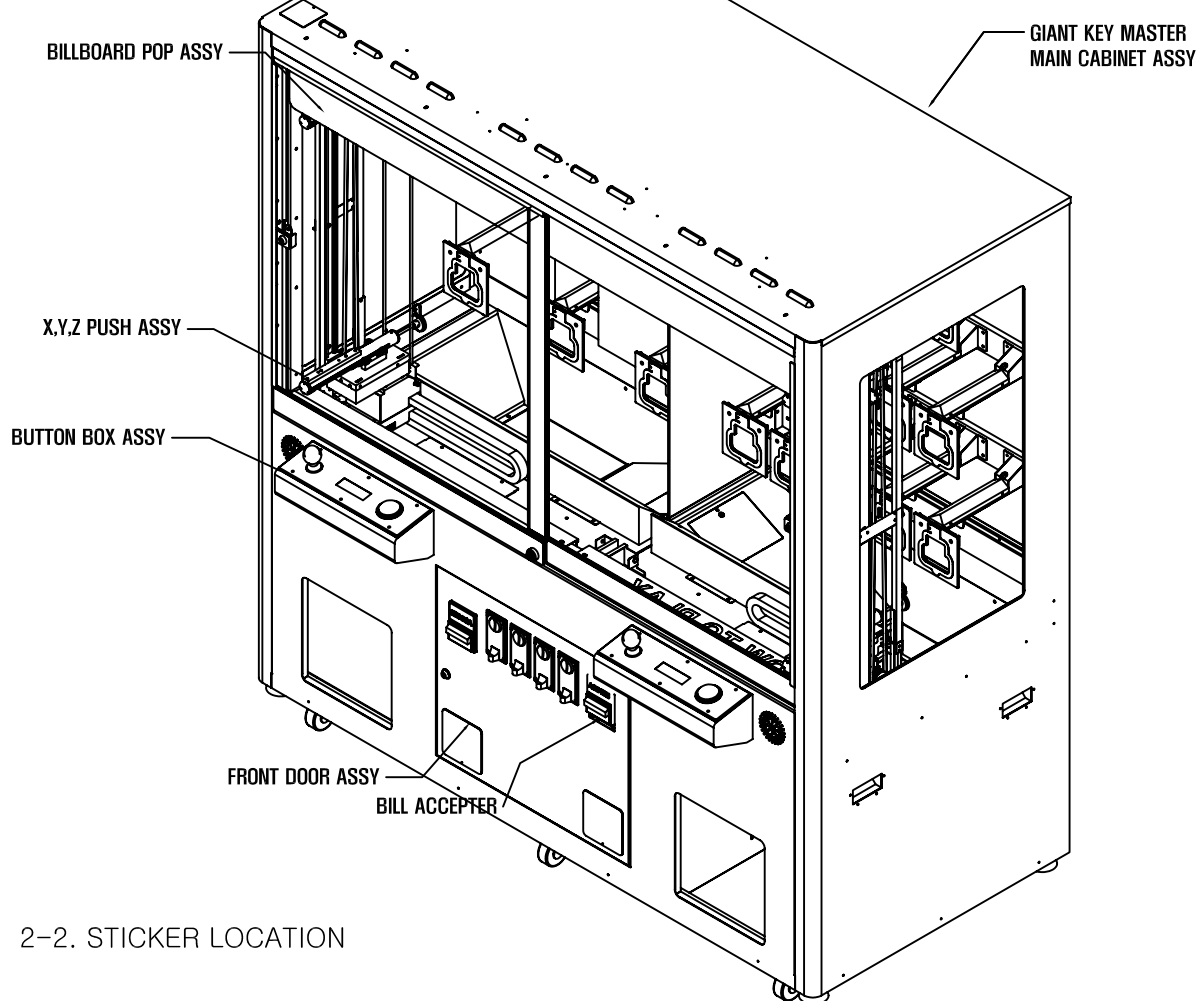
1-2. SPECIFICATION

NOMINATED VOLTAGE RANGE	AC 120V/220V
NOMINATED FREQUENCY RANGE	50Hz ~ 60Hz
AVERAGE POWER CONSUMPTION	290W
MAXIMUM POWER CONSUMPTION	360W
WEIGHT	445Kg(981Lb)

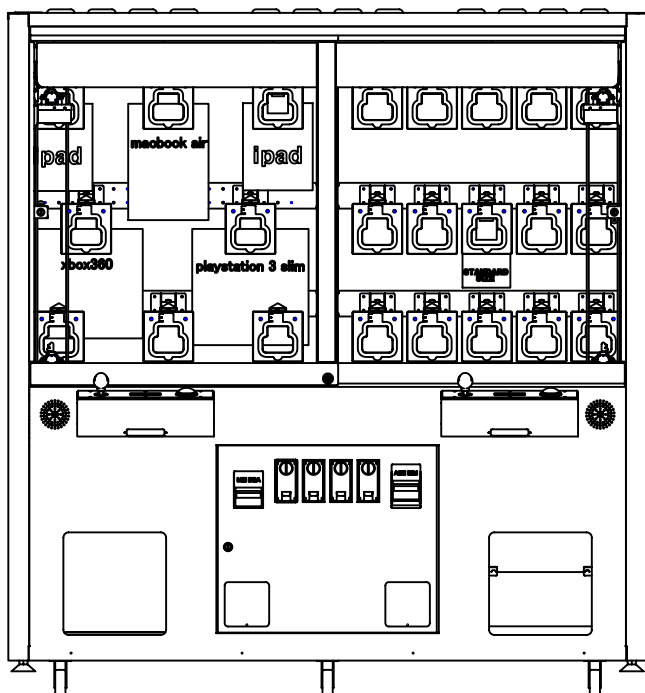


2. NAME OF PARTS & STICKER LOCATION

2-1. NAME OF PARTS



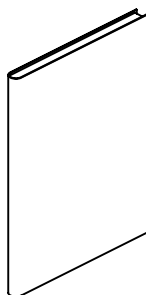
2-2. STICKER LOCATION



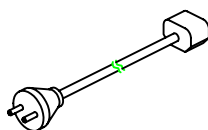
①	MODEL NAME		②	Recycle MARK
	POWER REQUIREMENTS	AC 110V, 50Hz ~ 60Hz		
	AVERAGE POWER CONSUMPTION	290W		
	MAXIMUM POWER CONSUMPTION	360W		
	WEIGHT (KG)	445kg(981Lb)		
	MODEL NO.	KAATM0000XXX		
	ROHS			

3. COMPONENTS

①



②



③



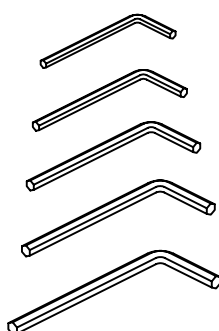
④



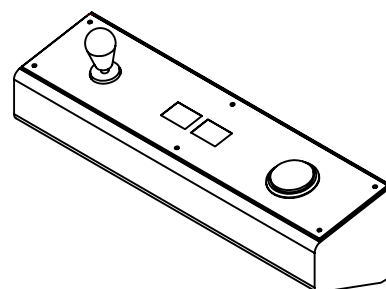
⑤



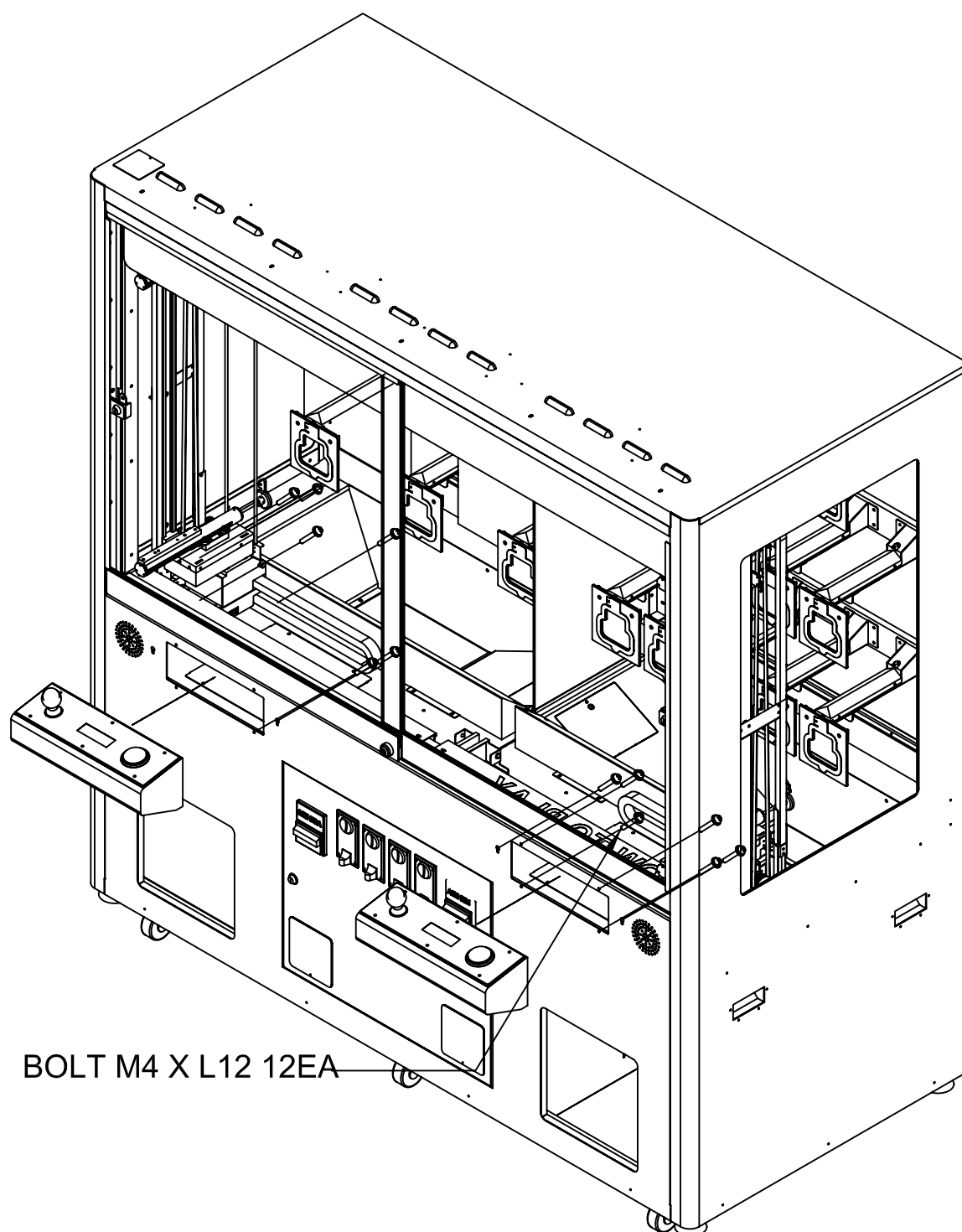
⑥



⑦

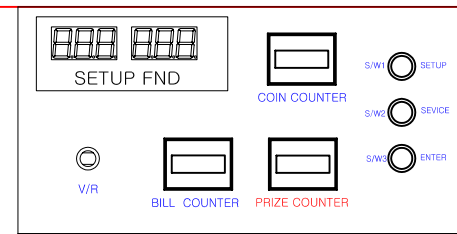


NO.	PART NAME	SPEC.	QUANTITY	CODE NO.
1	MANUAL	MANUAL	1	MKEM0000002
2	AC POWER CORD	125V-7A(0.75)UL	1	MELE0ACP001
		250V-10A(0.75)UL		MELE0ACP008
		250V-13A(0.75)UL (UK ONLY)		MELE0ACP005
3	FRONT DOOR KEY	7001	2	-
4	CASH BOX KEY	6001	2	-
5	BOLT	M4x10L	6	-
6	WRENCH	1.5mm	1ea	MXXXOREN007
		2mm		MXXXOREN003
		2.5mm		MXXXOREN001
		3mm		MXXXOREN004
		4mm		MXXXOREN002
7	BUTTON BOX ASSY	-	2	MKEM0MEP004



1. Connect the BUTTON BOX ASSY Harness as shown above.
2. Assemble the BUTTON BOX ASSY with enclosed bolts 12EA (M4 x 12L) to the FRONT DOOR ASSY.

5. SETUP MODE



CONTROL PANEL

5.1 Each Switch(SW1, SW2 and SW3) on Control Panel.

- 1) SW1 : a) Selecting each Mode and Function.
- 2) SW2/SW3 : a) Moving each Mode and Function.
b) Changing each Function Value.
c) SW2 is for SERVICE at normal mode.
d) SW3 is for TEST at normal mode.

5.2 How to setup.

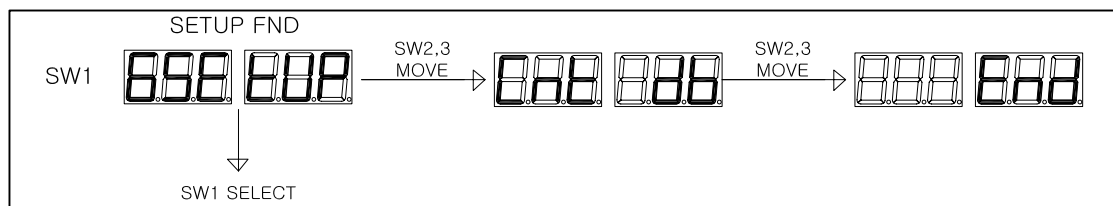
5.2.1 Enter Mode by pushing SW1. Then GSETUP Mode appears.

5.2.2 Move each Mode(GSETUP, CNTDB or END) with SW2/SW3.

5.2.3 Select Mode(GSETUP, CNTDB or END) by pushing SW1 again.

5.2.4 The Modes are :

- Mode display



5.2.5 Hard / Easy Prize Vend Mode settings.

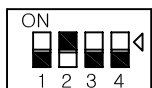
Machine is shipped with Hard vend mode as default.

Vend ratio can be adjusted, by changing Dip SW settings on main PCB, located inside Front Door Assy.(see attached pic)

Please ensure that the desired settings are correct upon installation.

Manufacturer / Distributor cannot be held responsible for any potential overpay of prizes, regardless of vend ratio modes set by operator.

5.2.5.1 Hard vend Mode



This mode is suitable for operator, who would like to operate machine in Hard prize vend Mode.

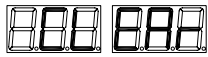
(MAIN BOARD DIP SW "No2" --> ON)

5.2.5.2 Easy vend Mode



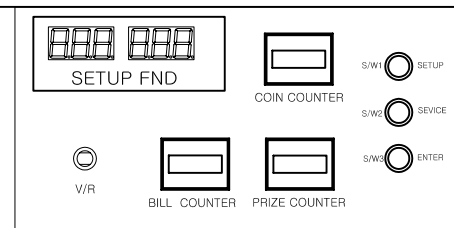
This mode is suitable for operator, who would like to operate machine in Easy vend Mode.

(MAIN BOARD DIP SW "No3" --> ON)

*Important : All Data must be cleared according to "  "page 8, when payout of any line is changed

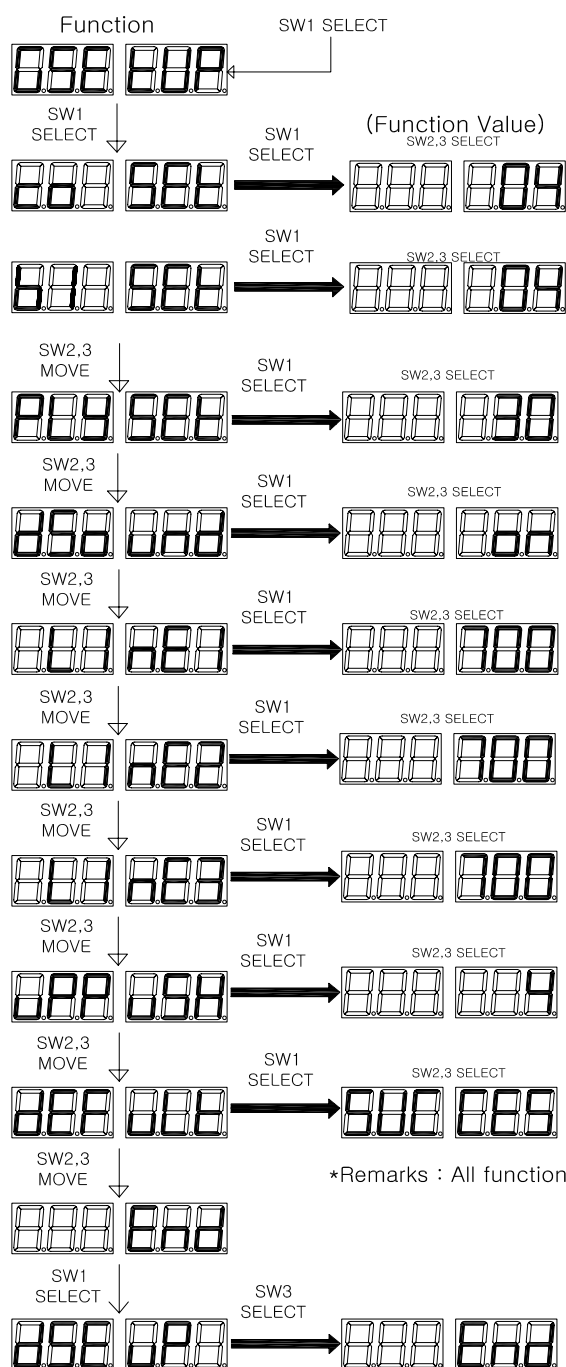
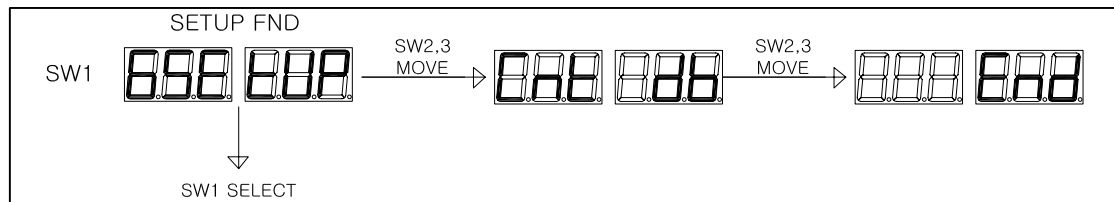
5.3 Function for GSETUP Mode.

- 5.3.1 At GSETUP mode, press SW1 again to enter into each function.
- 5.3.2 Press SW2/SW3 to move to each function.
- 5.3.3 After selecting each function, press SW1 in order to set function value.
- 5.3.4 Change Function Value with SW2/SW3.
- 5.3.5 Press SW1 again return to Function after changing Function Value.



CONTROL PANEL

– Mode display



Set the no. of coin/s per credit ON Coin mech
Range:0~9 / Default:1 coin/credit 04 coin
Unit : 1 coin
0:Free play mode

Set the no. of coin/s per credit ON bill valedator. (DBA)
Range:0~9 / Default:1 coin/credit 04 coin
Unit : 1 coin
0:Free play mode

Set the play time per credit
Range:1~99 / Default:30secs/credit 30 sec
Unit : 1 secs

Attraction sound
on / off ON

Payout rate for Lower Line
Range:1~9999 / Default:1prize/700credit 700
Unit : 1 credits

Payout rate for Middle Line
Range:1~9999 / Default:1prize/700credit 700
Unit : 1 credits

Payout rate for Upper Line
Range:1~9999 / Default:1prize/700credit 700
Unit : 1 credits

*Important : All Data must be cleared according to " "page 8, when payout of any line is changed

Compulsory Upper Deviation
Range:1~9 / Default:4 4
Unit : 1 unit (1=0.4mm)

Reset all GSETUP to return Default values. SUCCESS
(Keep on pushing sw1 for 5 seconds)

*Remarks : All function values return to Default values, when SW1 is pushed at "SUCCESS".

Save all setting value.

*Remarks : All function values are saved, when SW1 is pushed at "END".

- *Remarks : 1) Return to game mode by pushing SW1.
- 2) Move to CNTDB mode by pushing SW2/SW3.

5.4 Function for CNTDB Mode.

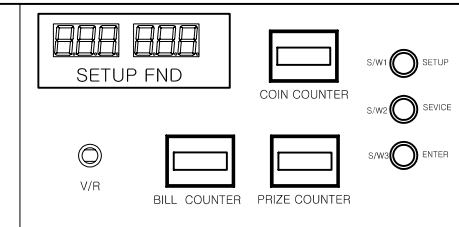
5.4.1 At CNTDB mode, press SW1 again to enter into each function.

5.4.2 Press SW2/SW3 to move to each function.

5.4.3 After selecting each function, press SW1 in order to set function value.

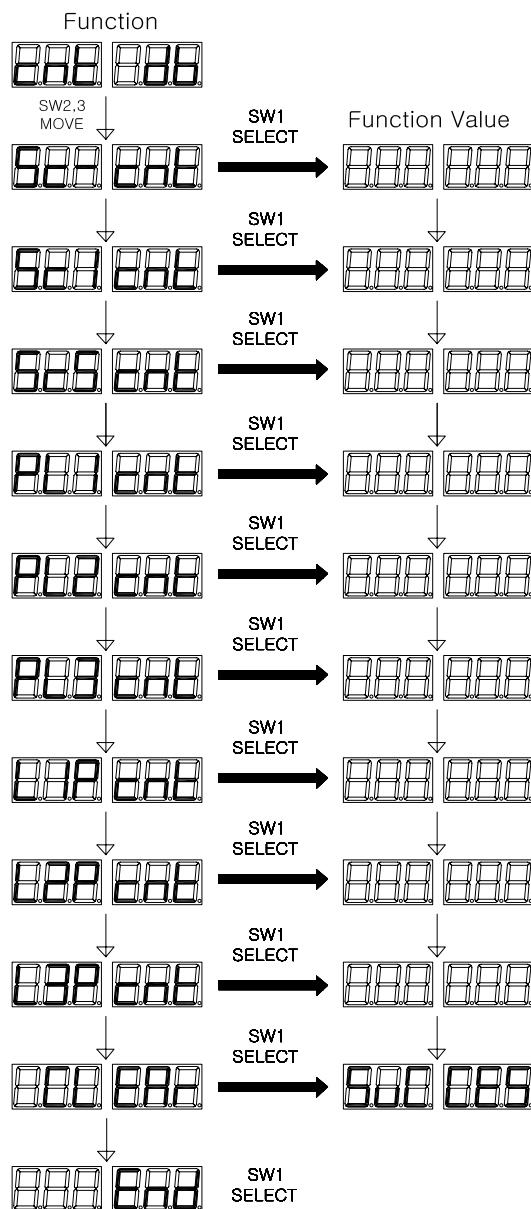
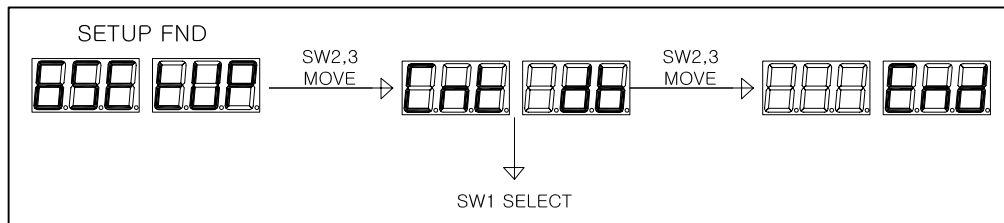
5.4.4 Change Function Value with SW2/SW3.

5.4.5 Press SW1 again return to Function after changing Function Value.



CONTROL PANEL

Mode display



Total accumulated Income

Total Coin accumulated Income

Total service accumulated Income

The no. of dispensed prize at Lower Line

The no. of dispensed prize at Middle Line

The no. of dispensed prize at Upper Line

The no. of attempt at Lower Line

The no. of attempt at Middle Line

The no. of attempt at Upper Line

Delete the saved data
(Keep on pushing sw1 for 5 seconds)

*Important : All Data must be cleared after changing payout rate.
if not, payout rate is incorrect.

MODE EXIT

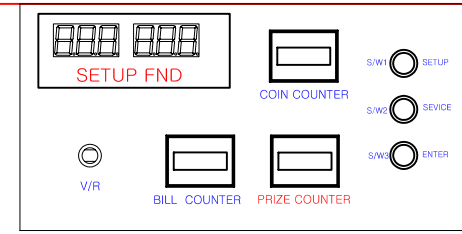
*Remarks : All data are cleared after deleting the saved data, when SW1 is pushed at "END".

6. TEST MODE

6.1 Execute Test Mode by pushing SW3.

6.2 At TEST mode, press SW1 again to enter into test function.

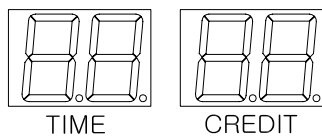
6.3 Press SW2/SW3 to move to each function.



CONTROL PANEL



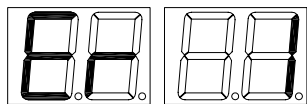
6.4 Check the status of sensors and switches.



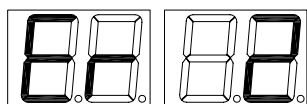
NO.	CONTENT	PLAY FND	
1	X-AXIS Left Switch checking	TIME	CREDIT
2	X-AXIS Right switch checking		
3	Y-AXIS up switch checking		
4	Y-AXIS down switch checking		
5	Push front sensor checking		
6	Push Rear sensor checking		
7	Push Back sensor checking		
8	Rotary point sensor checking		
9	Joystick switch left checking		
10	Joystick switch right checking		
11	Up button switch checking		
12	coin select checking		
13	Setup button checking		
14	service button checking		
15	test button checking		
16	prize out open switch checking		
17	prize out close switch checking		

6.5 Error mode

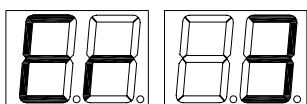
PLAY FND



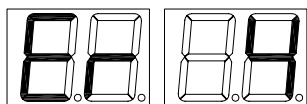
— Error with Rotating motor or sensor.



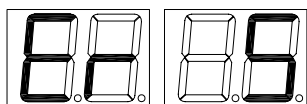
— Error with Push motor or BACK(C) Switch.



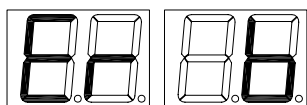
— Error with Push motor or FRONT(A) switch.



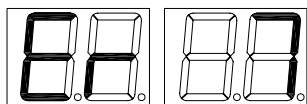
— Error with Push motor or REAR(B) switch.



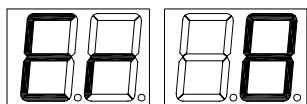
— Error with stepping motor or up switch.



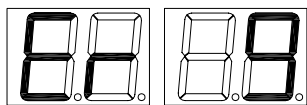
— Error with stepping motor or down switch.



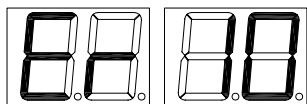
— Error with x-axis motor or left switch.



— Error with x-axis motor or right switch.



— Error with prize motor or up switch.



— Error with prize motor or down switch.

6.6 Auto Calibration Mode.

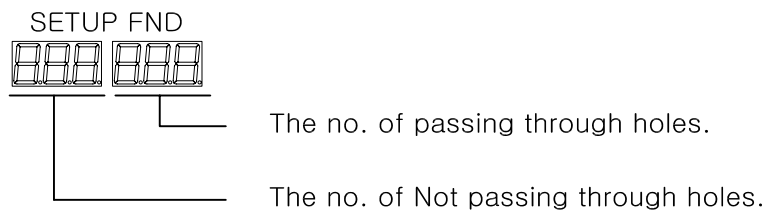
- 6.6.1 This allows machine to be calibrated automatically.
- 6.6.2 Turn on machine with SW1 pushed for 3 seconds.
- 6.6.3 It takes around 20 minutes.

6.7 Initializing Credit FND.

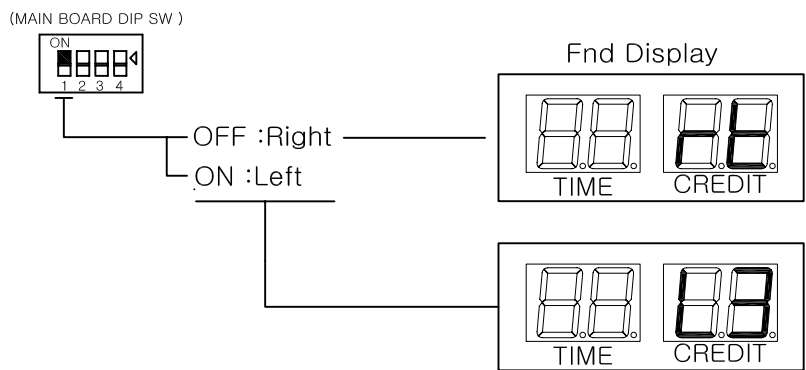
- 6.7.1 Turn on machine with SW2 pushed for 3 seconds.

6.8 Confirming Calibration mode.

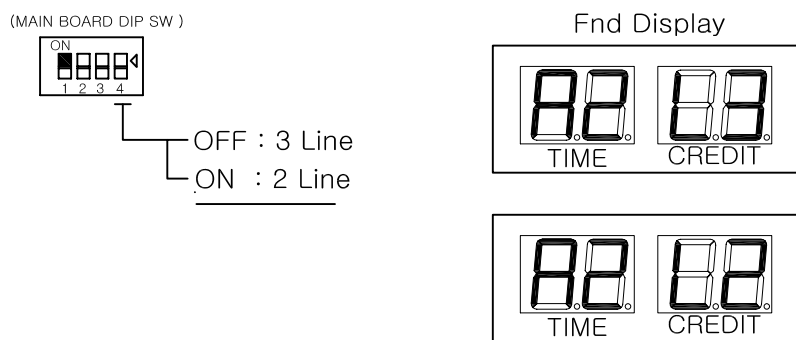
- 6.8.1 This allows machine to automatically pass through each hole up to 999 times.
- 6.8.2 Turn on machine with SW3 pushed for 3 seconds.
- 6.8.3 Turn off machine to stop this mode.



6.9 Left and Right program dip switch setting.



6.10 Left type program dip switch setting.



7. 1P Standard Type Mode(LEFT).

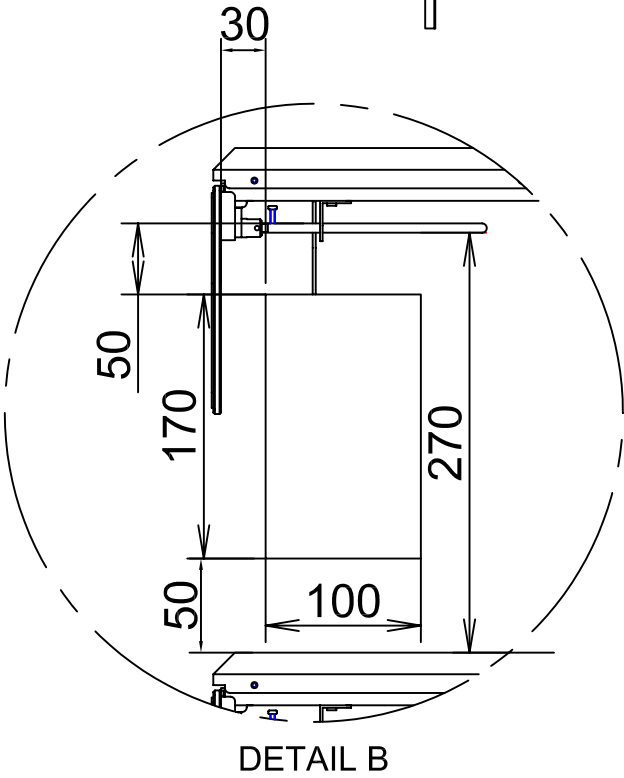
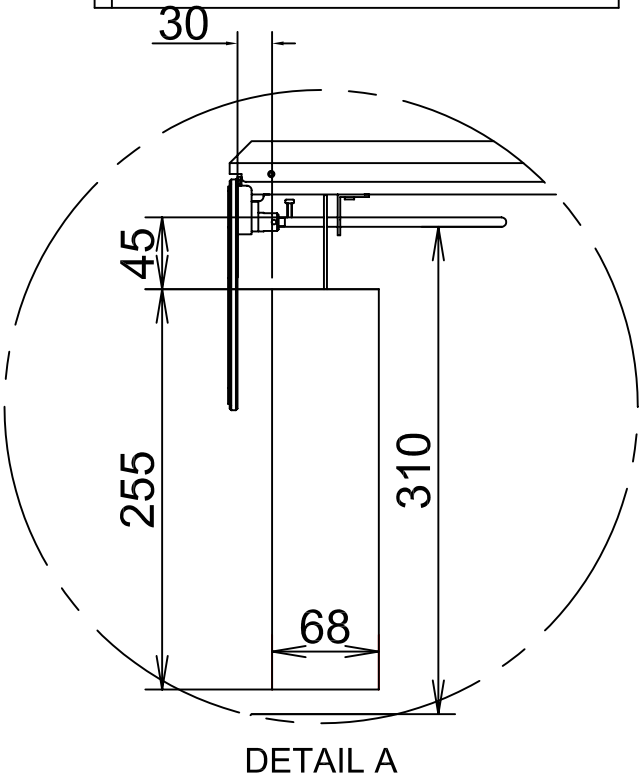
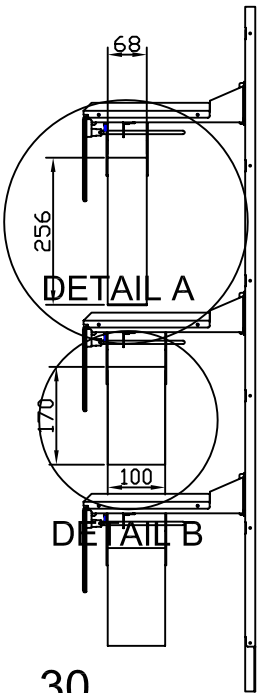
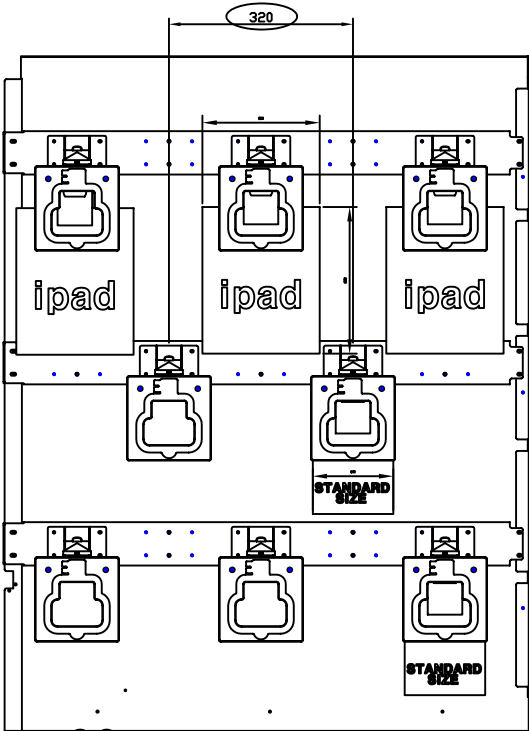
1P STANDARD TYPE
MAXIMUM PRIZE SIZE

Width : 204mm
Depth : 100mm
Height : 255mm
Length of Tie : 50mm
weight : 1Kg

(MAIN BOARD DIP SW)

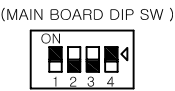


Important : Spread prize hangers position more by a column for displaying big-sized prizes.



8.2 1P BIG SIZE Type Mode(LEFT).

- 1. Turn On the DIP SW when the power is turned off and then turn ON the power while SW1 being pushed.
(Keep on pushing SW1 for 5 seconds)
- 2. It takes about 12 minutes to finish Calibration



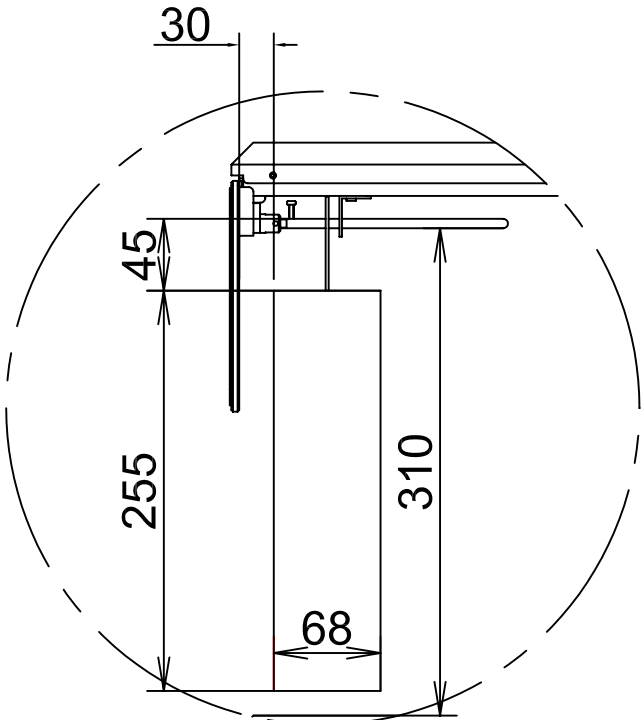
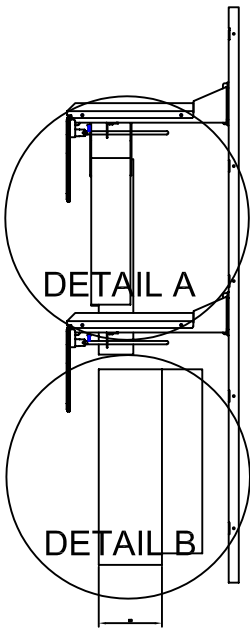
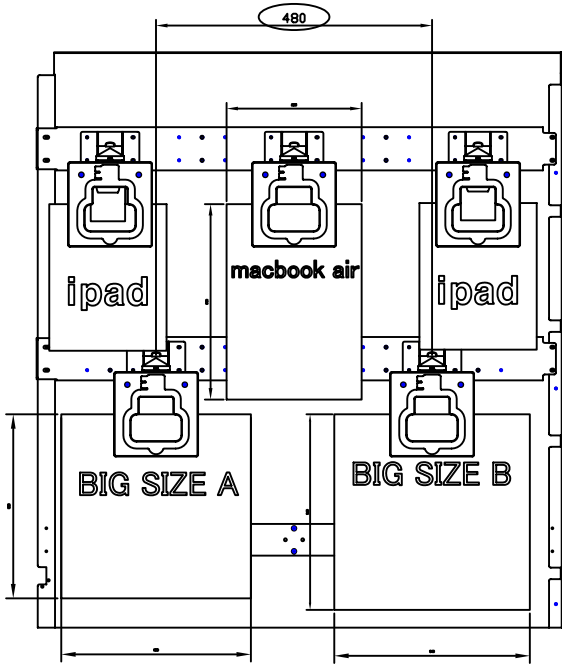
DETAIL A
1P IPAD TYPE
MAXIMUM PRIZE SIZE

Width : 204mm
Depth : 100mm
Height : 255mm
Length of Tie : 45mm
weight : 1Kg

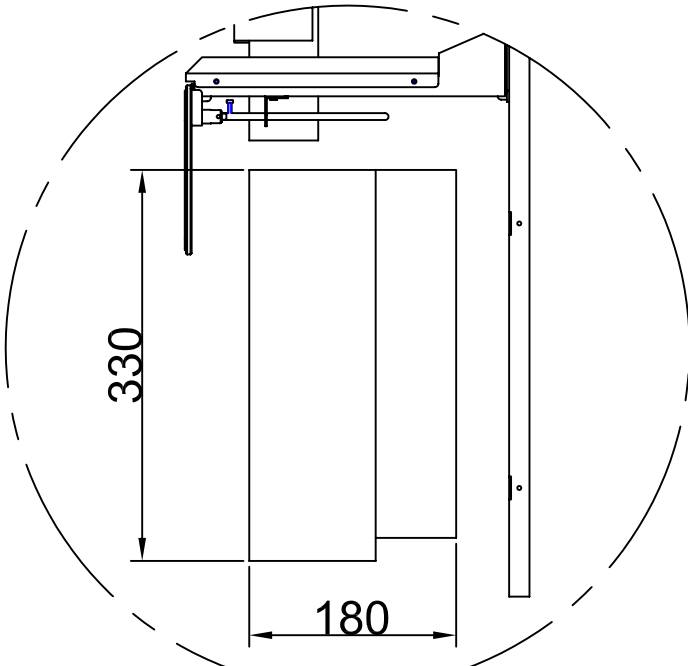
DETAIL B
1P BIG SIZE TYPE
MAXIMUM PRIZE SIZE

Width : 330mm
Depth : 180mm
Height : 330mm
Length of Tie : 50mm
weight : 1Kg

Important : If a prize weighs more than 1kg, display it without its outer case.
Spread prize hangers position more by a column for displaying big-sized prizes.



DETAIL A



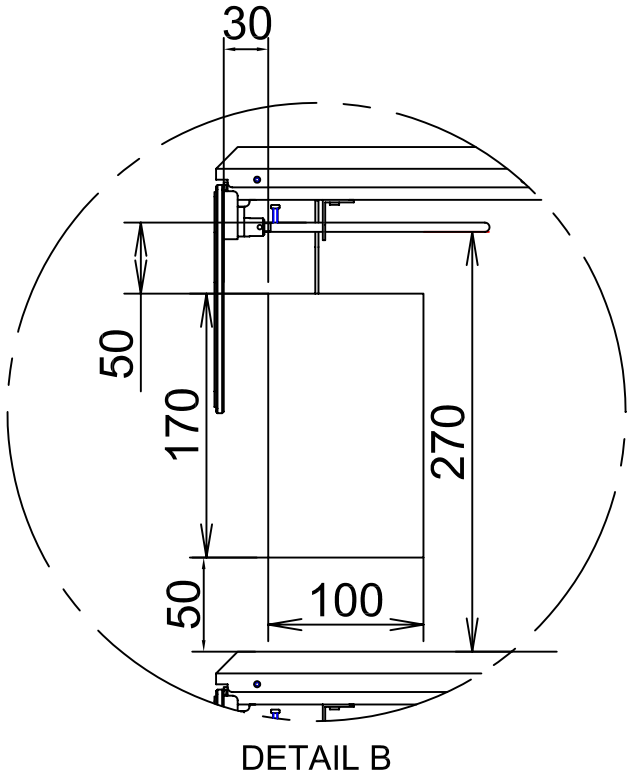
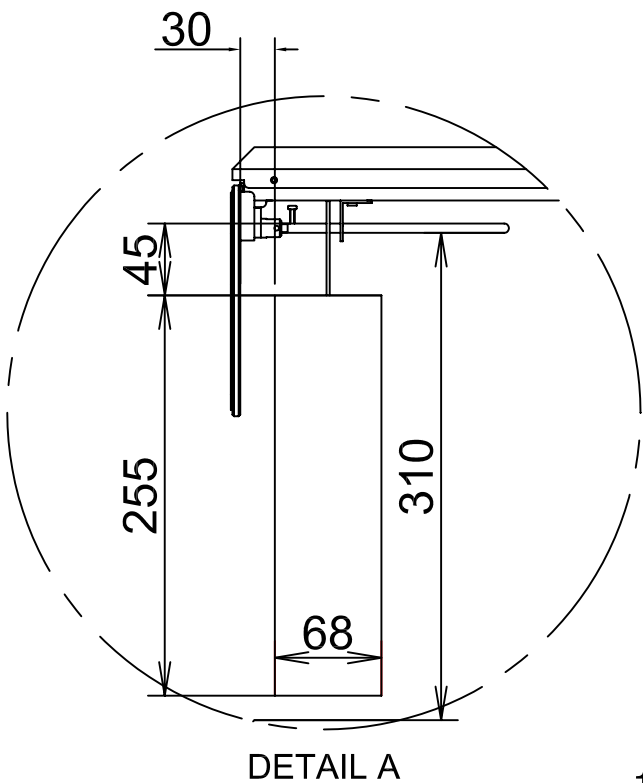
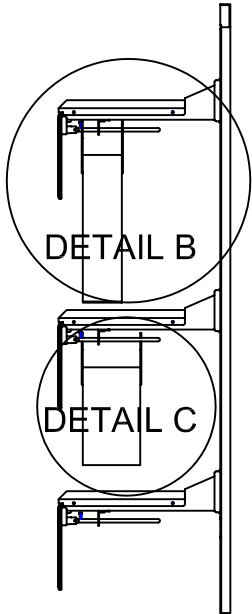
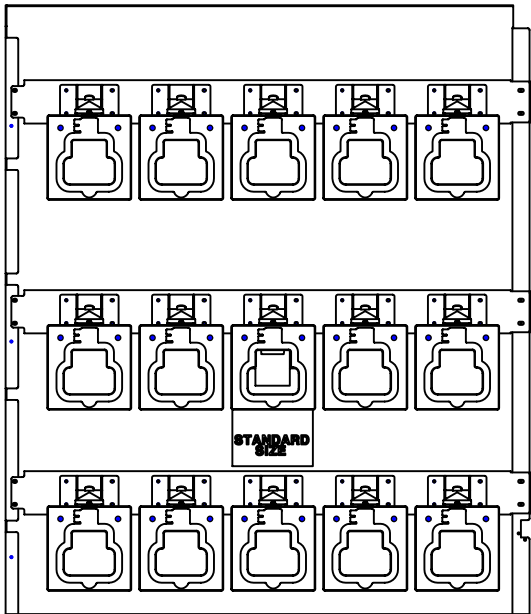
DETAIL B

2P STANDARD TYPE MAXIMUM PRIZE SIZE

(MAIN BOARD DIP SW)



Width : 204mm
Depth : 100mm
Height : 170mm
Length of Tie : 50mm
weight : 1Kg





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