

MACHINE MANUAL

FEILOLI STANDARD & MINI



2012

Machine Specifications

WHAT WE CALL THIS MACHINE	FEILOILI STANDARD CRANE
MANUFACTURER	FEILOLI ELECTRONIC CORP
MODEL	STANDARD PLUSH/MINI PLUSH
BOARD TYPE	FEILOLI
IC CHIP	LGS3K3
SIZE OF MACHINE	STANDARD

Adjusting Voltages

Method 1

Put switch on back of \$1 mech up
Turn machine off and on
Display should say 00. If it doesn't put the switch back down and try the other coin mech switch
Push drop button repeatedly and it will cycle through 01 to 02 to 03 and back to 01
When the display shows 01 adjust high/initial voltage using the H knob if separate or bottom knob if on main PCB board
When the display shows 02 adjust med/secondary voltage using the M knob if separate or middle knob if on main board
When the display shows 03 adjust low/final voltage using L knob if separate or top knob if on main board
Put switch on back of coin mech to down position
Turn machine off and on

Method 2

Push Test button
Play machine
Make quick adjustments with H M and L knob while in play—quite difficult on this machine

Order of Voltages

Normal	H	M	L
Frequency Turn	H	H	H

H MUST BE HIGH ENOUGH TO HOLD ON TO PRIZE
ie 30V OR MORE SINCE THERE IS NO VERY HIGH VOLTAGE ON FREQUENCY TURNS

Frequency Settings

Hold Freeplay/Test Button in and Turn Machine on
When display lights up release the free play button
The number that appears on the screen is the current frequency
Use the joystick to adjust frequency
Push the freeplay button to save frequency and return to play menu

Dipswitch Settings

BANK 1— NOT USED		
OFF	ON	ALL PINS OFF
BANK 2		
OFF	ON	WHAT DOES THIS PIN DO?
	1	CLAW MOVES TO CENTER AT BEGINNING OF PLAY
	2	# OF COINS INSERTED(OFF) vs # CREDITS YOU HAVE
3		n/a
4		n/a
5		n/a
6		n/a
7		n/a
8		n/a

BANK 3 AND SETTING COST PER PLAY		
OFF	ON	WHAT DOES THIS PIN DO?
1		
2		
	3	FOR \$1 PER PLAY HAVE ONLY SWITCH 3 ON
4		
	5	FOR \$2 PER PLAY HAVE SWITCH 3 & 5 ON AND ALL OTHERS OFF
6		
7		
8		

BANK 4		
OFF	ON	WHAT DOES THIS PIN DO?
	1	CLEAR CREDIT MEMORY AFTER MACHINE TURNED OFF
	2	CLAW DROPS AT FRONT
3		n/a
4		n/a
5		n/a
6		n/a
7		n/a
	8	DEMO MUSIC—HAVE SWITCH ON TO HAVE IT STAY OFF BETWEEN GAMES

PCB Board Connector Pins

J4	SECOND COIN MECH
J7	WIN METER
J6	JOYSTICK & DROP BUTTON
J3	SPEAKER AND FREE PLAY
J10	CREDIT DISPLAY BOARD
J5	COIN MECH 1
J2	POWER
J1	GANTRY

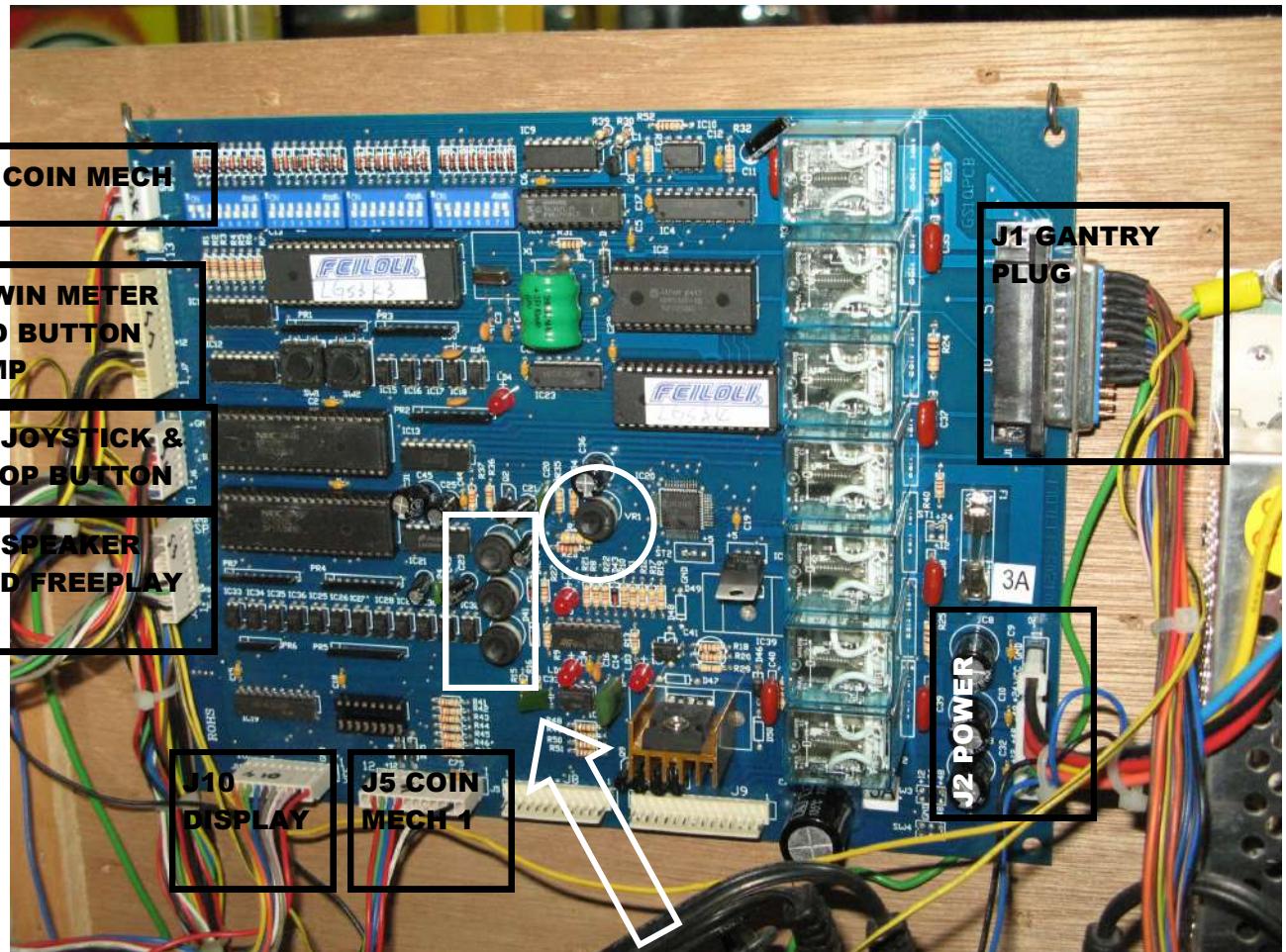
Error Codes

ERROR CODE	WHAT DOES IT MEAN?
01	UP DOWN MOVEMENT RESTRICTED—CHECK FOR TANGLES
02	FORWARD BACK RESTRICTED—CHECK FOR OBSTRUCTIONS
03	LEFT RIGHT RESTRICTED—USUALLY WIRE ON STOP LEFT SWITCH HAS COME OFF—NEEDS RESOLDERING
04	SWITCH ON \$2 COIN MECH LEFT IN UP POSITION
05	SWITCH ON \$1 COIN MECH LEFT IN UP POSITION
08	PCB ERROR—TRY HOLDING IN FREEPLAY AND TURNING ON AND RELEASE WHEN DISPLAY SCREEN LIGHTS

How to adjust prize sensor

HAVE MACHINE TURNED OFF
PUT PIN 7 ON BANK 4 TO ON POSITION
TURN MACHINE ON IT WILL COUNT DOWN 88,77,66,55,44,33,22 AND STOP ON 11
USING SMALL FLATHEAD SD ADJUST SMALL ORANGE KNOB RECESSED INTO SIDE OF PRIZE SENSOR UNTIL THE RED LIGHT LED JUST STAYS OFF.
TURN THE SCREWDRIVER BACKWARDS AND FORWRADS TO MAKE THE LIGHT GO OFF AND ON. THE CLOSER THE LIGHT IS TO TURNING ON THE MORE SENSITIVE IT IS
THE RED LED APPEARS ON THE SIDE OF THE SENSOR AND ALSO ON THE PCB BOARD
RUN YOUR HAND OR DROP PRIZE IN FRONT AND SEE IF RED LED BLIPS ON
PUT PIN 7 ON BANK 4 BACK ON REBOOT AND TEST

PCB Plugs Diagram



THE VOLTAGE CONTROL BOARD IS EITHER 3 KNOBS ON THE MAIN PCB BOARD OR ON THE SMALL 3 KNOB VOLTAGE ADJUSTMENT BOARD WHICH IS FOUND IN THE COIN MECH AREA.

WHEN RECONNECTING A BOARD CHECK YOUR WORK AGAINST THIS DIAGRAM AND ENSURE ALL PLUGS ARE CONNECTED AND ARE PLUGGED INTO THE CORRECT NUMBERS ON THE BOARD. INSPECT CLOSELY FOR MISALIGNMENT OF PLUGS AND BENT PINS. THERE ARE 8 PLUGS TO RECONNECT, BUT SOME BOARDS HAVE AN EXTRA FLOATING PLUG WHICH GOES UP TO THE VOLTAGE ADJUSTMENT BOARD

VOLUME IS IN THE MIDDLE OF THE BOARD—SEE CIRCLE