

ABS-220

Dough sheeter OPERATION MANUAL



REF:1030403



ANKO

安口食品機械股份有限公司
ANKO FOOD MACHINE CO., LTD.

No.351,Sec.1 Zhongzheng Rd.,Sanxia Dist.,New Taipei City 237,Taiwan
Tel:886-2-26733798 Fax:886-2-26733697 E-mail:anko@anko.com.tw
Website:www.anko.com.tw

Table of Contents

1	INTRODUCTION.....	1
1.1.	FIGURE:.....	1
1.2.	STANDARD EQUIPMENT	1
1.3.	PROCESS.....	1
2	INSTALLATION	2
	CONTROL PANELL	3
	FIGURE OF ELECTRICAL BOARD	3
	PART LOCATION	3
	ADJUSTMENT.....	4
	TURN RUN	4
3	OPERATION.....	5
	OPERATE WITH THE CONTROL PANEL	5
4	MAINTENANCE	5
5	PARTLIST	6



WARNING

Our company will have no responsibility for any malfunctions, breakages, accidents, etc., caused by not fully read or not follow the instructions contained in this manual.

Our company will have no responsibility for any damage or accident caused by modifying, changing, adding extra equipment or adjusting the machine without our permit.

To protect operator safety, CE protect cover must not be removed during operation if it is installed on the machine. **Anko will take no responsibility to any personnel injury caused by enduser removes the ce protect cover at will.**

1 INTRODUCTION

1.1. Figure:



1.2. Standard equipment

Compounded dough sheeter with three sets of pressing rollers.

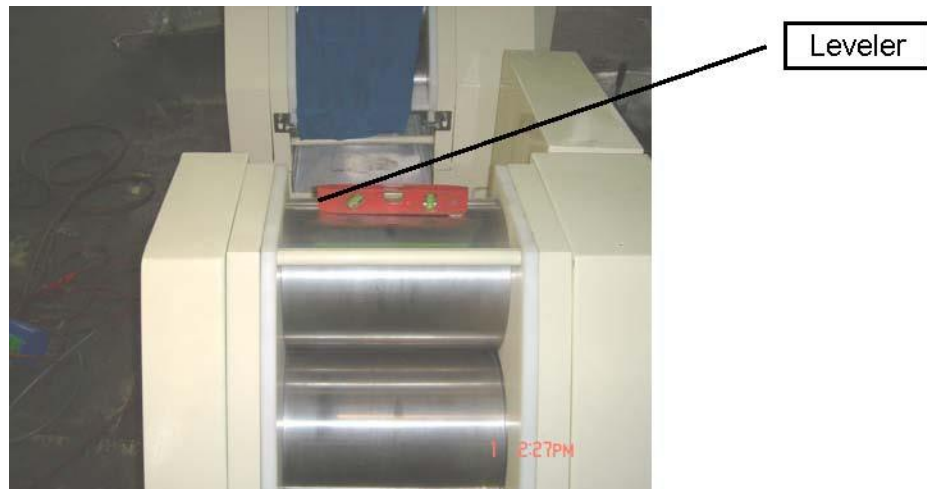
1.3. Process

Place well mixed dough onto the dough hopper, the dough will be then press into two dough sheets individually; after that, the two dough sheets will be conveyed to the next pressing roller, and combine into a single dough sheet automatically; Operator only need to start rolling up the pressed dough sheet when it come out of the machine on the conveyor.

2 INSTALLATION

STEP 1 Life the dough sheeter to the fix location.
Make sure the base could bear the weight of the machine.

STEP 2 Place a leveler on the top roller as figure below, leveling the machine with the adjustable supports, until the leveler shows the machine is on horizontal level.



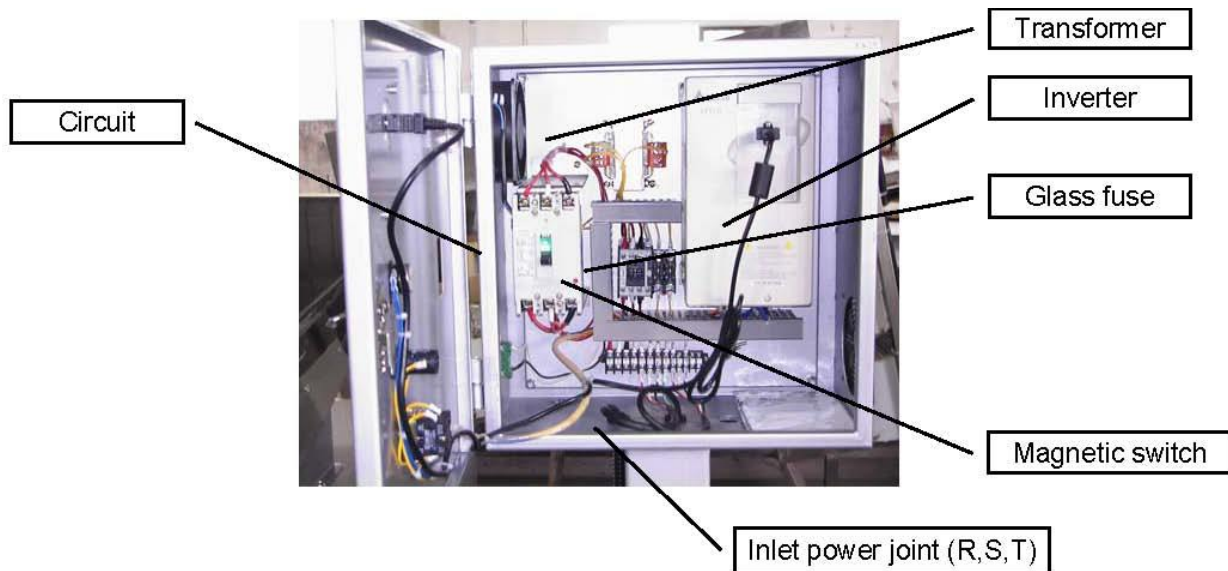
STEP 3 Connect the inlet power to the terminal joint R, S, T (Refer to the figure of electrical board) Ctl



Control panell

Name	Function	Remark
Main circuit breaker	Breaker of the main circuit of machine	
Power indicator	Indicate whenever power is on	Light when powered
Power On/ Off	Switch on and off the machine	
Inverter panel	Control speed and setting of the machine	
Speed controller	Use to adjust the speed setting of inverter	

Figure of electrical board



Part location

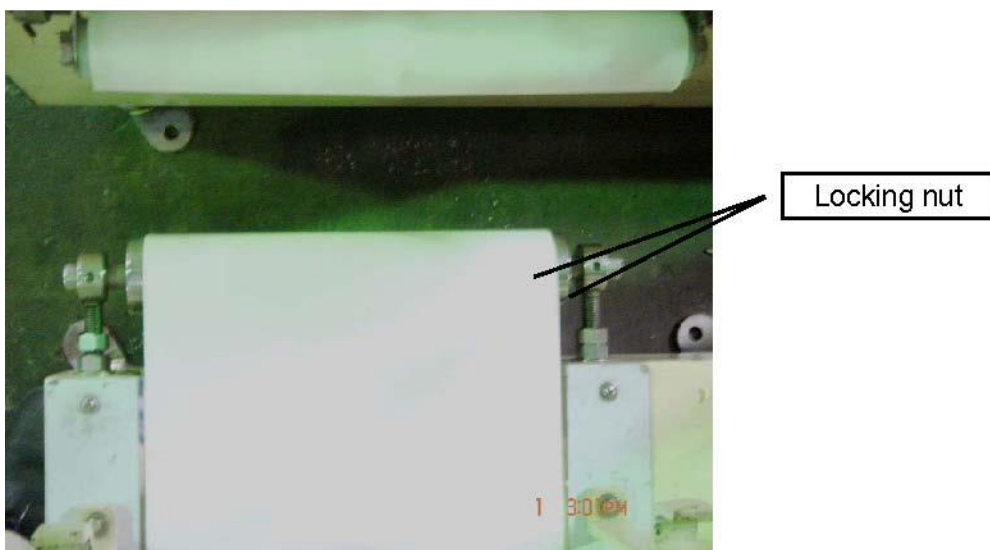
Category	Name	Function	Location
Driving device	Main motor	Driving motor of the doughg sheeter included pressing rollers, conveyor	Lower deck of rear side
Emergency stop	Emergency stop bu	Stop the whole machine in case of necessary	Top of the front cover

Adjustment

Motor

Convey

As a result of the motor is actually driven by inverter, to change the rotation, please change the phase from inlet power of inverter While the conveyor is found running deflectively, adjust the locking nuts as figure below



Turn Run

When installation and power connection is finish, please find the following step to test run.

Check point	Method	Normal situation
Machine in ready situation	1. Switch on the breaker, and turn on the power switch	Indicator light on, extractor fan start running
	Release all emergency stop buttons.	
Control test	1. Turn the speed control knob.	Inverter panel digit changing according to the knob turning.

3 OPERATION

Operate with the control panel

Operator may use the control panel to,

- * Start and stop the machine
- * Adjust the speed
- * Press emergency stop button to stop the machine in case of necessary **Run**

Preparation

- * Switch on the breaker
- * Turn on the power of the machine with the control panel the power indicator should be lighted up.
- * Release all emergency stop buttons.

Operation

- * Adjust the thickness of the lower roller first (The final thickness require of dough sheet) and then go back to the two top rollers. Run the machine with On/ Off switch at the top of front cover, then the machine start running and press two layers of dough sheets and press two sheets together automatically
- * Adjust the speed of machine with the speed control knob on the control panel.
- * In case of necessary, press the emergency stop button while machine is running the machine will be stopped. Release the button and it will start again.

※ Synchronizer

- * Please refer to the manual of synchronizer

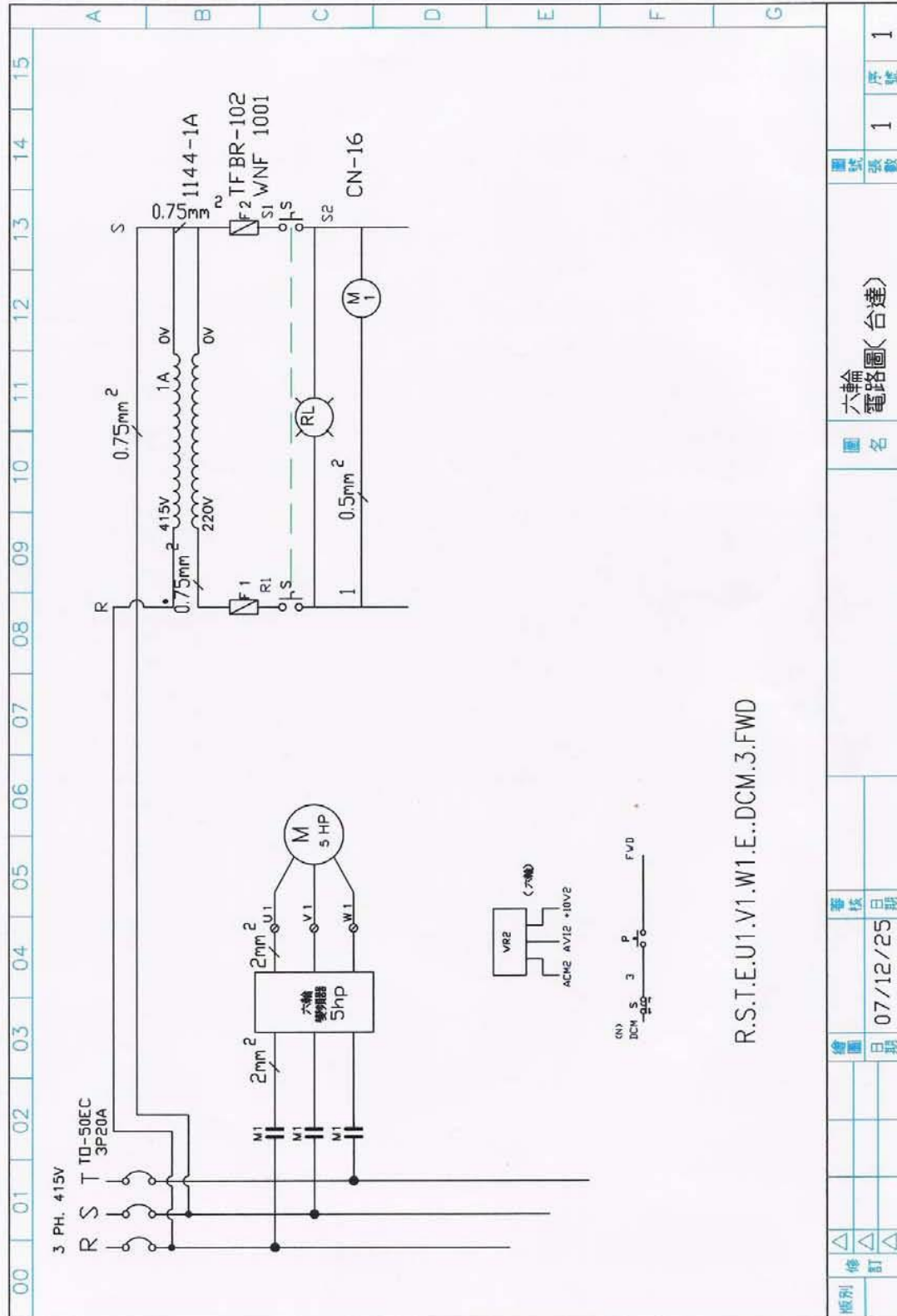
4 MAINTENANCE

Item	Job	Frequency	Remark
1	Cleaning	Daily	
2	Oiling of bearings	Every 500 working hrs; or 250 hr continuous running.	Lubricate with grease
3	Oiling of gears	Monthly	Lubricate with grease
4	Oiling of chains	Monthly	Lubricate with grease

5 PART LIST

Name	Supplier	Model	Qty.
LAMP	DEMEX	APW299-E 220V	1
SELECT SWITCH FOR POWER	DEMEX	ASW320-E	1
EMERGENCY STOP PUSH BUTTOM	DEMEX	AVW401-E	1
INVERTER	Delta	VFD015B43B	1
VAR_RESISTANCE	COSMOS	RV24YN B502	1
CIRCUIT BREAKER	Fuji	SA53C3P20A	1
TRANSFORMER	Shan-li	SL1144/1A	1
TERMINAL FOR FUSE	Shan-ho	CT-FB101LN	1
MAGNETIC CONTATOR	Taian	CN-16	1
FUSE	Shan-ho	CT-10G 6	22
DRIVING MOTOR	YOUBA	5HP 4P	1
WORM REDUCER	YEONI	EB120, 1/50 ratio	1
CONVEYOR BEARING	SLK	UCP204	2
ROTATOR BEARING	SLK	UCP204	2
CONVEYOR	Boss	F10 - 260W*3640L	1
ROLLER	Boss	C7117-2	1

6 *Electrical diagram*



7 Machine overview

