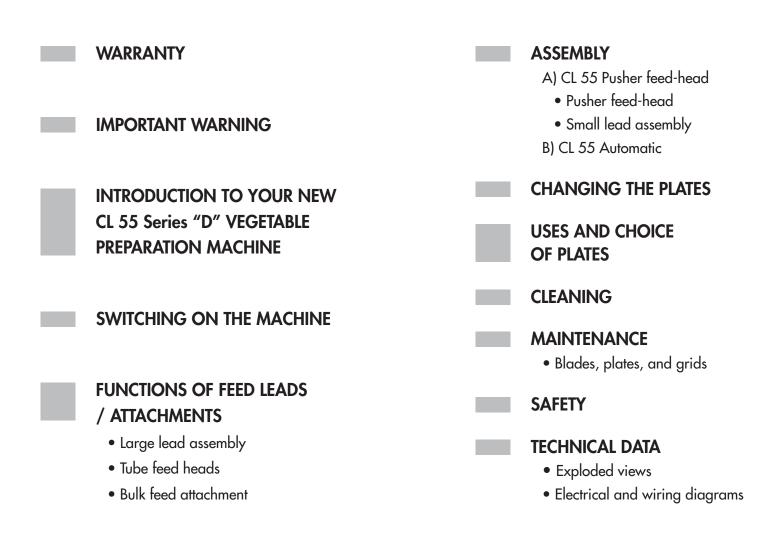




P.O. Box 16625, Jackson, MS 39236-6625 280 South Perkins St., Ridgeland, MS 39157 e-mail: robocoup@misnet.com - website: www.robotcoupeusa.com Phone : 1-800-824-1646

# SUMMARY



# **ROBOT COUPE U.S.A., INC. LIMITED WARRANTY**

YOUR NEW ROBOT COUPE PRODUCT IS WARRANTED TO THE ORIGINAL PURCHASER FOR A PERIOD OF ONE YEAR FROM THE DATE OF PURCHASE.

This LIMITED WARRANTY is against defects in the material and/or workmanship, and includes labor for replacement of defective parts, provided repairs are performed by an authorized service agency (see attached list).

The Customer must inform the Service Agency of the possibility of warranty coverage and provide a copy of the dated sales or delivery receipt BEFORE WARRANTY REPAIRS ARE BEGUN.

Replacement parts and accessories are warranted for ninety (90) days from the date of purchase when purchased separately and will be verified by dated sales receipt OR packing slip which lists that item.

All parts or accessories replaced under warranty must be returned to the Service Agency.

## THE FOLLOWING ARE NOT COVE-RED BY THE ROBOT COUPE U.S.A. INC LIMITED WARRANTY:

Damage caused by abuse, misuse, dropping, or other similar damage caused by or resulting from failure to follow assembly, operating, cleaning, user maintenance or storage instructions.

**2** = Labor to sharpen and/or replacements for blades that have become blunt, chipped or worn after a normal or excessive period of use.

**3** - Materials or labor to replace or repair scratched, stained, chipped, pitted, dented or discolored surfaces, blades, knives, attachments or accessories.

**4** = Any alteration, addition, or repair that has not been carried out by the company or an approved service agency.

**5** - Transportation of the appliance to or from an approved service agency.

**6** - Labor charges to install or test new attachments or accessories (i.e., bowls, plates, blades, attachments), which have been replaced for any reason.

**7** - The cost of changing direction-of-rotation of three-phase electric motors (Installer is responsible).

**8** - SHIPPING DAMAGES. Visible and/or hidden damage is the responsibility of the freight carrier. The consignee must inform the carrier and consignor immediately, or upon discovery in the case of hidden defects.

KEEP ALL ORIGINAL CONTAINERS AND PAC-KING MATERIALS FOR CARRIER INSPECTION.

Neither ROBOT COUPE U.S.A., INC. nor its affiliated companies or any of its distributors, directors, agents, employees, or insurers will be liable for indirect damage, losses, or expenses linked to the appliance or the inability to use it. The ROBOT COUPE U.S.A., INC. warranty is given expressly and in lieu of all other warranties, expressed or implied, for merchantability and for fitness toward a particular purpose and constitutes the only warranty made by ROBOT COUPE U.S.A., INC..

## **IMPORTANT WARNING**



WARNING: In order to limit accidents such as electric shocks, personal injury or fire, and in order to limit material damage due to misuse of the appliance, please read these instructions carefully and follow them strictly. Reading the operating instructions will help you get to know your appliance and enable you to use the equipment correctly. The operation manual should be kept within easy access to all users for reference and should be read completely by all first time users of the machine.

## UNPACKING

• Carefully remove the equipment from the packaging and take out all the boxes or packets containing attachments or specific items.

• WARNING-some of the parts are very sharp e.g. blade, plates ... etc.

## INSTALLATION

• We recommend you install your machine on a stable solid base at a comfortable working height.

## CONNECTION

• Always check that your power supply corresponds to that indicated on the serial number plate and that it is properly sized.

## HANDLING

• Always wear cut-resistant gloves when handling the cutting plates.

## ASSEMBLY PROCEDURES

• Follow the various assembly procedures carefully (see page 7) and make sure that all the attachments are correctly positioned.

USE

- Do not open the feed lead / attachment until the motor has come to a complete stop.
- Never tamper with or defeat the purpose of the locking and safety systems.
- Never put a hand or nonfood object in the entry or exit chutes.
- Do not overload the machine.

## CLEANING

- Always unplug your appliance before cleaning.
- Always clean the appliance and attachments at the end of each use.
- Never place the motor unit in water.

• For parts made of aluminum alloys, use cleaning detergents suitable for aluminum.

• For plastic parts, do not use detergents that are too alkaline (i.e., containing too much caustic soda or ammonia...).

## MAINTENANCE

- Always unplug the appliance before servicing.
- Check the seals regularly and ensure that the safety devices are in good working order.
- It is particularly important to maintain and check the attachments since certain products contain corrosive agents e.g. citric acid.
- <u>NOTICE</u>: Never operate the appliance if the power cord or plug has been damaged. If the machine fails to operate as described in this manual, or if the machine malfunctions in any way, remove the machine from use and have it serviced. Additionally, discard all food processed at the time of the malfunction.

•Contact your local Authorized Service Agency if something appears to be wrong.



## INTRODUCTION TO YOUR NEW CL 55 Serie "D" VEGETABLE **PREPARATION MACHINE**

The CL 55 is a versatile machine designed to meet your professional needs. It can perform a number of tasks, as well as save much in time and labor.

The CL 55 is supplied with a wide range of cutting plates and grids to satisfy even the most demanding chefs when it comes to cutting up fruits and vegetables, i.e. slicing, grating, julienne, dicing and French fries.

Its numerous functions will open the door to a whole new culinary world.

Thanks to its simple design, all components requiring frequent handling for maintenance or cleaning can be easily assembled and disassembled.

## **SWITCHING ON** THE MACHINE

Before connecting, check that your power supply corresponds to that indicated on the machine's identification plate.

## **FUNCTIONS OF FEED** LEADS / ATTACHMENTS

## LARGE LEAD ASSEMBLY

This lead allows you to prepare all types of vegetables: The large feed lead is used to prepare bulky vegetables such as cabbage, celery, lettuce, etc. A small tube and pusher is provided in this lead for the preparation of long or fragile fruits or vegetables.

## WARNING

French fries can only be made using the bulk feed attachment.

Two types of **plate locking nuts** are designed for the large lead assembly:

1) The (long) plate-locking nut holds the cutting plate in place for the preparation of all vegetables except for cabbage.

2) The (short) hollowing nut is used only to prepare cabbage. This tool can be used to shred or grate a whole cabbage without having to cut it.



A special tool has also been included to remove the (short) hollowing nut.

#### Feeding tray

3) An optional stainless steel feeding tray is available to facilitate the loading of vegetables into the large lead assembly.

## • TUBE FEED HEADS

#### STRAIGHT TUBE FEED HEAD

This lead consists of two straight hollow tubes with a diameter of 75 mm, a 2 inch insert and two pushers (2 inch and 2-3/4). The insert allows you to modify the diameter of the tubes.



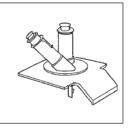


This lead is designed for the preparation of long vegetables like carrots, cucumbers, leeks, or of fragile fruit and vegetables such as tomatoes, bananas, etc.

The entry ports in this lead can also be used as cutting guides for special preparations requiring high cutting precision.

#### ANGLE FEED HEAD

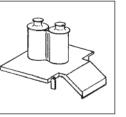
This lead assembly performs the same functions as the one described above with its straight tube, but is different in that it is equipped with a sloping tube especially designed for slanted cutting as well as a straight tube.



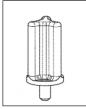
## BULK FEED ATTACHMENT

This attachment is intended for continuous cutting tasks. It is ideal for slicing delicate vegetables such as mushrooms and tomatoes, grating carrots, slicing potatoes and cutting French fries. The bulk feed is **not** suitable for tasks, such as : slicing long vege-

tables (use the small lead or the angle feed lead). Use the large lead assembly for vegetables that are too big to be fed into this attachment



See the instructions to follow and use the rubber plate locking nut / agitator in order to avoid blockages and variations in the quality of cut.



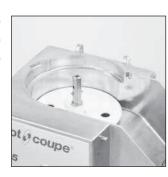


## ASSEMBLY

## A) CL 55 PUSHER FEED-HEAD

#### • PUSHER FEED-HEAD

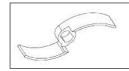
1) With the motor base facing you, place the discharge plate onto the shaft.





SIDE A facing upwards (ejection rib downwards) for fragile vegetables or citrus fruit (such as tomatoes or mushrooms).

SIDE B facing upwards (ejection rib upwards) for all other types of fruit or vegetables.



Use the discharge arm for fine grating and slicing only (cabbage, celery, carrots, cheese, etc.).

2) Assembling the cutting plate and / or dicing or French fry grid:

a) If you have opted for
 a slicing, grating or
 julienne plate:

Position the plate on the motor shaft.

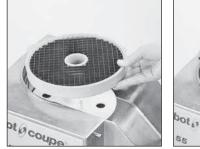
Rotate the plate until it drops into place. The slot in the center stem of the



plate should be resting on the motor shaft pin.

## b) **If you have a dicing combination**:

I.e. a grid and a special slicing plate for diced vegetables.



Dot it coupe

Place the dicing grid over the motor shaft. As shown in the picture, the grid rests on a ledge in the motor base. This ledge must be clean and free of product in order for the machine to operate correctly.

Next, fit the corresponding slicing plate (straight edged blade) onto the motor shaft. Rotate the plate until the slot in the blade hub drops onto the pin in the motor shaft.

Continue to rotate the blade a full 360 degrees to make sure the plate doesn't scrub against the plastic grid. If rubbing occurs-do not proceed. Call your authorized service agency.

Slicing plates and dicing grids can be mounted in the following combinations:

dicing grid	5x5	8x8	10x10	14x14	20x20	25x25
Plate	mm	mm	mm	mm	mm	mm
5 mm	28110					
8 mm		28111				
10 mm			28112			
14 mm				28113		
20 mm					28114	
25 mm						28115

3) Then, screw the appropriate locking or hollowing nut onto the motor shaft according to the type of vegetable to be prepared.

It should be remembered that the long locking nut is suitable for all types of vegetables except for cabbage. Use the hollowing nut for cabbage.







4) Position the large lead assembly on the motor base. The latch is now facing you on your right.

5) Slide the hinge pin into the locations provided at the back of the motor base. Then, lock the lead onto the motor base with the latch.



6) If you are using the feeding tray, do not follow the instructions as described in step 5).

Instead, position the tray support against the hinge of the lead and slide the hinge pin into the locations situated at the back of the motor base.



The plates can be changed without dismantling the feeding tray.



7) Fit the lead securely onto the motor unit using the locking latch.

8) Then position the tray on the support if needed.

## SMALL LEAD ASSEMBLY

1) And 2) Proceed as described for the large lead assembly (You can only make French fries with the bulk feed).

3) Position the lead on the motor base, with the latch facing you on your right.





4) Slide the hinge pin into the holes provided at the back of the motor base and fasten the latch



## **B) CL55 AUTOMATIC**

1), 2a), and 2b) Proceed as described for the large lead assembly.

2 c) If you are using a French fry plate combination. (French fry grid and a special French fry slicing plate make up a combination.)

## W

automatic feed opening.

Position the French fry grid over the motor shaft

with the raised, bladed

grid facing the discharge

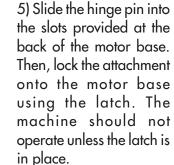
Next put the appropriate

slicing plate on the motor

chute.

shaft.

French fries can only be made using the



## **CHANGING THE PLATES**

#### ALWAYS WEAR CUTTING GLOVES WHEN HANDLING THE CUTTING PLATES.

The machine should be switched off (by pressing the red push-button) before changing plates.





4) Position the bulk feed attachment on the motor base. The latch is now facing you on your right.

COUDE

#### Rotate the plate until the slot in the plate hub is aligned with the motor shaft pin and causes the blade to drop into place. Continue to rotate one full turn. If the cutting plate scrubs the grid-do not proceed. Contact

otocoup

your authorized service agency.



1) With the motor unit facing you, use your right hand to release the latch used to lock the attachment onto the motor base.

## 2) a) Feed opening fitted with a lever:

Lift the latch and tilt the attachment back. Then, unscrew the locking nut or hollowing nut. Use the wrench supplied to remove the hollowing nut.

## b) With a large lead assembly equipped with a feeding tray:

- Remove the tray from the support.
- It is not necessary to remove the support to change the plate.
- Then proceed as specified in step 2 a).

## c) With small lead assembly:

First remove the inserts and the pushers, lift the latch, and tilt the lead back.

## d) Bulk Feed Attachment:

Lift the latch and tilt the attachment back.

- 3) Put on your cut resistant gloves then free the plate by lifting it by its edges. It may be necessary to rotate the plate slightly counterclockwise and then lift. For dicing equipment, you are advised to pull out the grid and plate assembly together. Then remove the discharge plate using the two holes. If the discharge plate is stuck, turn it slightly in the counterclockwise direction.
- 4) Before assembling the dicing equipment, it is advisable to clean the inside of the motor support / chute thoroughly with a damp cloth or sponge, especially the part onto which the grid is to rest.
  Always use a properly cleaned grid. Never process soft food after hard without cleaning the grid.

- 5) Then fit the discharge plate, the slicing, grating or julienne plate, or the dicing equipment as described in step 1) and 2) in the previous section on the chosen lead / attachment.
- 6) Close the lead / attachment and fasten the latch.

## USES AND CHOICE OF PLATES

SLICING PLATES	
C444SA-1/32	carrot / cabbage / cucumber / onion / potato / leek
C4455A-5/64 - C4465A-1/8	lemon / carrot / mushroom / cabbage / potato / cucumber / onion / leek / bell pepper
C477SA-5/32 - C437SA-3/16	beets / carrot / mushroom / cucumber / bell pepper/ radish / lettuce / potato / leek / tomato
C4365A-5/16 - C4355A-3/8	potato / carrot / rhubarb / okra / bell peppers
C434SA-9/16	potato / carrot / spinach / pineapple
<b>RIPPLE CUT SLICING I</b>	
C445W-5/64	potato / carrot / radishes / cucumbers
C445W-5/64	potato / carrot / radishes / cucumbers
C445W-5/64 C446W-1/8	potato / carrot / radishes / cucumbers potato / carrot / kiwi / cucumbers
C445W-5/64 C446W-1/8 C464W-3/16 GRATING PLATES	potato / carrot / radishes / cucumbers potato / carrot / kiwi / cucumbers

C494GPA-1/32	cheese / graham crackers / chocolate / almond powder		
C451GPA-5/64	carrot / cheese / romano / chocolate / almond powder		
C450GPA-1/8	carrot / potatoes / coconut / nut meats / chocolate		
C453GPA-3/16	cabbage / cheese / eggs / mozzarella / nut meats		
C475GPA-5/32	chocolate / coconut / potatoes / nut meats		
C478GPA-9/32	cabbage / cheese / eggs / carrots		
C433GPA-3/8	cabbage / onions / provolone / chocolate / radish		
C452GPA powder	hard cheese / almond powder / graham / crackers		
C495GPA-1/32	pulping / ginger root / white radish / lotus root / burdock		

## **JULIENNE PLATES**

C460JA-5/64x5/64	carrot / potato / zucchini / beets
C483JA-5/64x5/32	carrot / potato / beets / cabbage / zucchini
C484JA-5/64x1/4	carrot / potato / cucumbers / radishes
C486JA-5/64x5/64	zucchini / potatoes / carrots / radishes
C462JA-5/32x5/32	eggplant / potato / tomatoes / zucchini / carrots
C438JA-1/4x1/4	eggplant / potato / carrots
C466JA-5/16x5/16	potatoes / carrots / onions / eggplant

## DICING COMBINATIONS

28110-3/16x3/16	carrot / cucumber / potatoes / carrot / zucchini
28111-5/16x5/16	potato / carrot / celery / beets
28112-3/8x3/8	potato / carrot / celery / apples
28113-9/16x9/16	potato / carrot / peaches / apples / pineapple
28114-3/4x3/4	potato / cantaloupe / pineapple / melon
28115-1″x1″	potato / turnip / apple (fruit) / melon / watermelon

#### FRENCH FRY COMBINATIONS (Automatic Feed Head only)

28134-5/16x5/16	pota
28135-3/8x3/8	pota

to / carrots / onions / eggplant to / zucchini / yellow squash / sweet potatoes

## CLEANING

 $\square$ 

## WARNING

## ALWAYS UNPLUG YOUR MACHINE BEFORE CLEANING (RISK OF ELECTRIC SHOCK).

Proper cleaning of the machine is one of the most important preventive maintenance measures the user can employ. The high acid content of food can cause harm to electrical parts contained within the housing. Although these elements are isolated from the outside through seals vegetable juices will tend to seep. If vegetable juices are permitted to collect on the machine over periods of use, erosion of the seals can occur. It is recommended that the machine be cleaned after each operational use, and at least once per day.

The continuous feed lead, discharge plates, and cutting plates can be cleaned in a dishwasher. However, we suggest that you use a mild (noncorrosive) detergent designed for "soft metals" such as aluminum. Dishwashers are best avoided in order to prevent the aluminum from becoming tarnished. We recommend that you clean the attachments in a 3-pot sink system or according to local health department regulations.

Dishwashers are best avoided in order to prevent the aluminium from becoming tarnished. Instead we recommend that you clean the machine by hand using washing-up liquid.

If you do put your machine in a dishwasher, we suggest that you use a detergent designed specially for aluminium.

Never immerse the motor base in water. Clean it with a damp cloth or sponge.

## IMPORTANT

Check that your detergent is suitable for cleaning plastic parts. Some washing agents are too alkaline (e.g. high levels of caustic soda or ammonia) and totally incompatible with certain types of plastic, causing them to deteriorate rapidly.

## MAINTENANCE

## • BLADES, PLATES AND GRIDS

The blades on the slicing and julienne plates and the grids on the grating plates are all subject to wear and should be changed as required to ensure high quality cutting.

## WARNING

/!

/!

SAFETY

#### The discs are extremely sharp. Handle with care.

1) The CL 55 is equipped with a safety system that turns the machine off when the pusher (on the pusher feed lead) is turned out away from the opening. The machine will start again, once the pusher is swung back into place over the feed opening.

# 2) The CL 55 is fitted with a temperature fuse that automatically stops the motor if the machine is left on for too long or overloaded.

If this happens, allow the machine to cool completely before restarting. If the machine has become jammed press the off button and UNPLUG the machine from the wall outlet. Remove the feed lead and Clear the jam (wear cut-resistant gloves). And restart by first pressing the reset button located on the bottom of the motor base, then closing the lead/attachment and pressing the on button.

The hinge pin must be fitted in its position at the back of the motor unit before the machine is switched on.

## WARNING

Do not open the feed head / attachment until the motor has come to a complete stop.

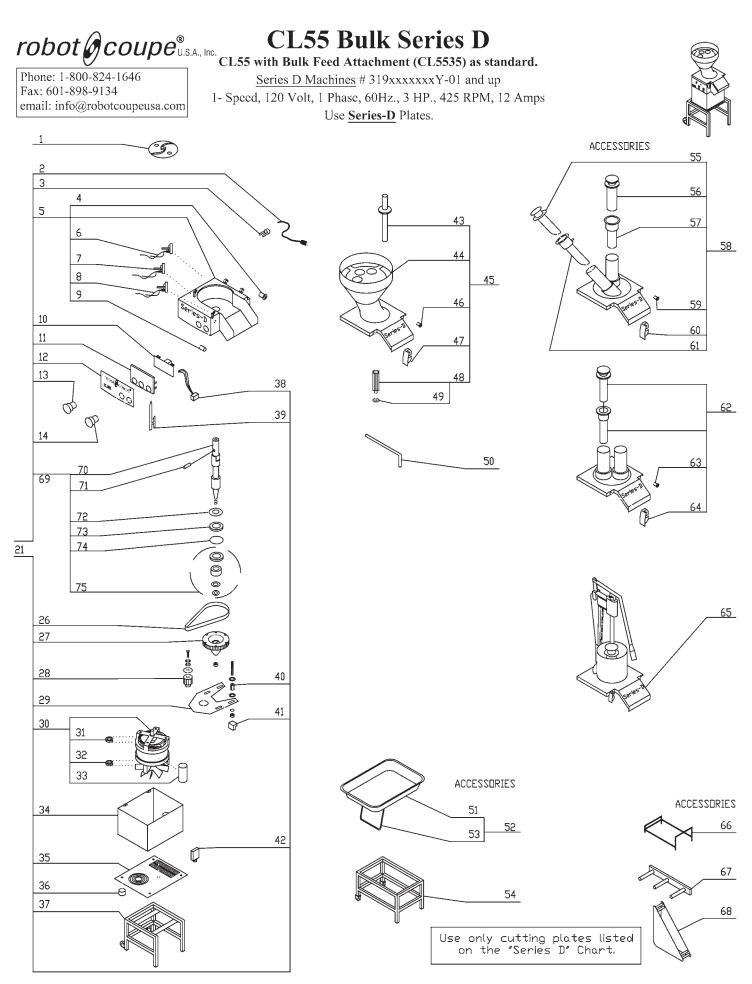
Never tamper with the locking or safety systems or defeat their purpose.

Never place anything other than food products into the entry port.

Never put anything into the exit port.

Always use the food pushers to force the food through the entry ports.

Do not overload the machine or apply excess pressure with the food pushers.



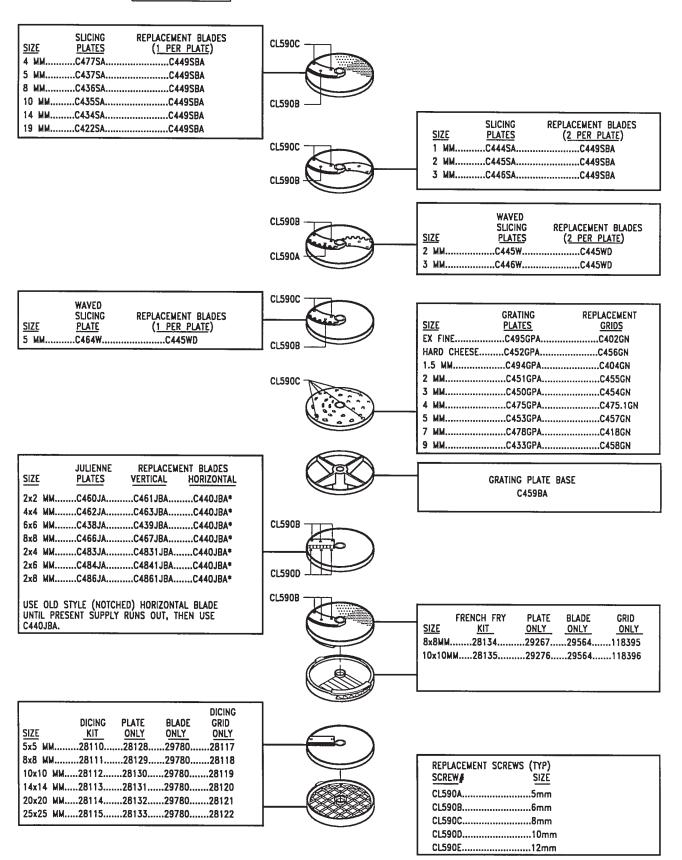
PRICES AND OTHER INFORMATION SUBJECT TO CHANGE WITHOUT NOTICE

MODEL		ORMATION SUBJECT TO CHANGE WITHOUT NOTICE	
		Price list for USA only MACHINES WITH SERIAL NUMBERS 319XXXXXXY-01	
CL55 BULK		MACHINES WITH SERIAL NUMBERS 319XXXXXXXY-01 Use "Series D" Cutting Discs	
SER	IES D	Ŭ	
INDEX	PART #	DESCRIPTION	
1	102690	(K) DISCHARGE PLATE	
2	R240	CORD WITH PLUG	
3	507122	(M) CORD STRAIN RELIEF	
4	CL523	HINGE PIN BUSHING	
5	29628	(M) UPPER HOUSING W/CHUTE	
6	29451	(K) MAGNETIC SWITCH ASSEMBLY	
7	29451	(K) MAGNETIC SWITCH ASSEMBLY	
, 8	29451	(K) MAGNETIC SWITCH ASSEMBLY	
9	CL573	STUD BOLT LATCH	
0 10	102480	(K) CONTROL BOARD	
11	29533	(K) MOUNT SPACER FOR CONTROL BOARD	
12	406517	(M) FRONT DATA PLATE	
13	502170	(K) ON SWITCH (GREEN)	
14	502169	(K) OFF SWITCH (RED)	
26	C411N	BELT	
27	117682	(K) SHAFT PULLEY, 75 TEETH	
28	29532	(M) MOTOR PULLEY - 20 TEETH	
29	117689	(K) MOTOR SUPPORT PLATE	
30	303081	(M) MOTOR ASSEMBLY	
31	R237	6203 BEARING R2 TOP/BTM	
32	R237	6203 BEARING R2 TOP/BTM	
33	501599	(L) CAPACITOR	
34	117791	(M) SS BASE COVER	
35	117687	(L) BOTTOM COVER	
36	R402F	FOOT	
37	CL5580	STAND	
38	29599	(K) CONTROL WIRE CONNECTOR	
39	117703	(K) CONTROL BOARD RETAINING PIN	
40	117692	(K) SUPPORT PLATE BRACE	
41	506176	(M) CAPACITOR RELAY	
42	RB497	15 AMP BREAKER (CSA)	
43	CL5535.2	PUSHER	
44	29593	(M) BULK FEED LEAD	
45	CL5535	BULK FEED ATTACHMENT	
46	CL523	HINGE PIN BUSHING	
47	29066	(K) FEED LEAD LATCH W/MAGNET	
48	CL641A	PLATE LOCKING NUT	
49	R609A	WASHER, PLASTIC	
50	CL520	HINGE PIN	
51	117631	(M) CATCH PAN TRAY ONLY	
52	27154	(M) CATCH PAN ASSEMBLY	

robot coupe<sup>®</sup>U.S.A., Inc.

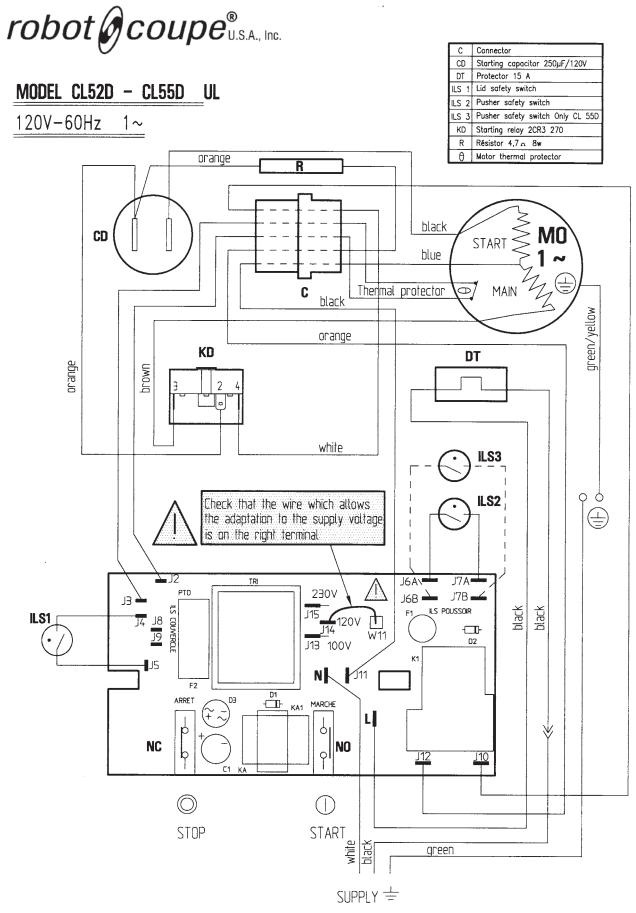
53	117629	(M) CATCH PAN SUPPORT LEG
54	CL680A	CART, FOOD BOX (2 WHEEL)
55	CL5546.1	DESCRIPTION NA
56	CL5546.3	DESCRIPTION NA
57	CL5546.4	DESCRIPTION NA
58	28045	DESCRIPTION NA
59	CL523	HINGE PIN BUSHING
60	CL586A	LATCH, UPPER & LOWER
61	CL5546.2	DESCRIPTION NA
62	28046	DESCRIPTION NA
63	CL523	HINGE PIN BUSHING
64	CL586A	LATCH, UPPER & LOWER
65	28103	(M) WHOLE HEAD FEED PUSHER ASSEMBLY
66	R255	PLATE RACK
67	CL575	PLATE RACK (WALL MOUNT)
68	R475	PLATE RACK (INDIVIDUAL)
69	39199	TRANSMISSION SHAFT
70	104295	SHAFT
71	110308	SHAFT PIN
72	101547	DEFLECTOR
73	501678	MOTOR SEAL
74	29451	SAFETY SWITCH
75	29630	COMBINATE BEARING ASSEMBLY

## [MPORTANT NOTICE: Use this chart only if a "Series-D"] mark is displayed on your machine.



9/26/00 11:14 AM

SerD-Plates.dwg



N° 406422 a

MAJ : 10/00



robot O coupe<sup>®</sup>

#### P.O. Box 16625, Jackson, MS 39236-6625

280 South Perkins St., Ridgeland, MS 39157 e-mail: robocoup@misnet.com website: www.robotcoupeusa.com Phone : 1-800-824-1646