robot & coupe®



CL 50 E CL 50 Ultra E

Robot-coupe USA, Inc,

P.O. Box 16625, Jackson, MS 39236-6625 264 South Perkins St., Ridgeland, MS 39157 e-mail: info@robotcoupeusa.com - website: www.robotcoupeusa.com

Phone: 1-800-824-1646

SUMMARY

- WARRANTY
- IMPORTANT WARNING
- VEGETABLE PREPARATION MACHINE
 CL 50 CL 50 Ultra "E" Version
- SWITCHING ON THE MACHINE
 - Advice on electrical
- ASSEMBLY

- **USES AND CHOICE OF DISCS**
- CLEANING
- MAINTENANCE
 - Blades, plates and graters
- SAFETY
- TECHNICAL DATA
 - Exploded views
 - Electric and wiring diagrams

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 COVERED 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 PACKING 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 or personal injury, 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. Please read these instructions in their entirety and make sure that anyone else who may use the appliance also reads them beforehand.

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 tools are very sharp e.g. blades, discs... etc.

INSTALLATION

 We recommend you install your machine on a perfectly stable solid base.

CONNECTION

- Always check that your mains supply corresponds to that indicated on the identification plate on the motor unit and that it can withstand the amperage.
- The machine must be earthed.

HANDLING

• Always take care when handling the blades, as they are extremely sharp.

ASSEMBLY PROCEDURES

• Follow the various assembly procedures carefully (see page 6) and make sure that all the attachments are correctly positioned.

USE

- Never try to override the locking and safety systems.
- Never insert an object into the container where the food is being processed.
- Never push the ingredients down with your hand.
- Do not overload the appliance.
- Never switch the appliance on when it is empty.

CLEANING

- As a precaution, always unplug your appliance before cleaning it.
- Always clean the appliance and its attachments at the end of each cycle.
- Never immerse the motor unit in water.
- For parts made from aluminum, use cleaning fluids intended for aluminum.

- For plastic parts, do not use detergents that are too alkaline (e.g., containing too much caustic soda or ammonia).
- Robot-Coupe can in no way be held responsible for the user's failure to follow the basic rules of cleaning and hygiene.

MAINTENANCE

- Before opening the motor housing, it is absolutely vital to unplug the appliance.
- Check the seals and washers regularly and ensure that the safety devices are in good working order.
- It is particularly important to maintain and check the attachments since certain ingredients contain corrosive agents, e.g. citric acid.
- Never operate the appliance if the power cord or plug has been damaged or if the appliance fails to work properly or has been damaged in any way.
- Do not hesitate to contact your local Maintenance Service if something appears to be wrong.



INTRODUCTION TO YOUR NEW CL 50 • CL 50 Ultra "E" Version VEGETABLE PREPARATION MACHINE

The CL 50/CL 50 Ultra is perfectly geared to professional needs. It can perform any number of tasks, which you will gradually discover as you use it.

This model is equipped with a metal bowl, a stainless steel motor base for CL 50 Ultra and polycarbonate bowl for CL 50.

Thanks to its simple design, all components requiring frequent handling for maintenance or cleaning can be fitted and removed in a trice.

This manual contains important information designed to help the user get the most out of this vegetable preparation machine.

We therefore recommend that you read it carefully before using your machine.

We have also included a few examples to help you get the feel of your new machine and appreciate its numerous advantages.

SWITCHING ON THE MACHINE

All users should read the manual before operating the machine.

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

ASSEMBLY

1) With the motor base facing you, place the discharge plate on the bottom of the bowl.





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



SIDE B facing upwards) for or vegetables.

SIDE A facing upwards (ejection rib downwards) for any vegetables or citrus fruit which require careful handling (tomatoes, mushrooms...). SIDE B facing upwards (ejection rib upwards) for all other types of fruit

2) Position your chosen disc:



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

Position the disc on the motor shaft. To ensure that it is correctly positioned, turn it in a clockwise direction.

b) You have chosen a dicing unit:

i.e. a grid and a special slicing disc for diced vegetables.

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

| dicing grid | 5x5 mm | 8x8 mm | 10x10 mm | 14x14 mm | 20x20 mm | 25x25 mm |
|-------------|-----------|-----------|-------------|-------------|-------------|-------------|
| 5 mm | • | | | | | |
| 8 mm | • | | | | | |
| 10 mm | • | | | | | |
| 14 mm | • | | | | | |
| 20 mm | • | | | | | |
| 25 mm | • | | | | | |

The combinations in the shaded areas can be supplied on request.

Place the dicing grid in the bowl of the vegetable processor.

Make sure that the spur on the grid is fully engaged in the locking slot of the motor base.





Next, fit the corresponding slicing disc (straightedged blade) and rotate in a clockwise direction to ensure that it is correctly positioned.

c) If you want to use the French fries potatoes cutting equipment:

This equipment comprises a French fries grid and a special French fries slicing disc.

Position the French fries grid in the vegetable preparation bowl. Check that it is correctly positioned with the French fries plate positioned at the outlet.





Next fit the appropriate slicing disc and rotate in a clockwise direction to check that it i correctly positioned.

3) Position the head of the vegetable preparation machine on the motor shaft. The fastening hook should now be facing you, on your right.







3) Position the head of the vegetable preparation machine on the motor shaft. The fastening hook should now be facing you, on your right.

TO CHANGE THE DISC:

1) With the motor base facing you, use your right hand to undo the aluminium fastening hook which holds the vegetable preparation head on the motor base.

Lift the vegetable preparation head, tilting it back to release the bowl.



- 2) Remove the disc by lifting it from underneath using the hub and if necessary, turn in an anti-clockwise direction to release...
- If you have been using a dicing unit, we recommend you remove the grid and the disc at the same time. This will be easier if you first rotate the emptying disc.
- 3) When fitting dicing equipment, we recommend that you clean the inside of the bowl with a damp cloth or sponge, particularly the part onto which the grid is to be fitted.

Always use a properly cleaned grid.

Never process soft foodstuffs after hard ones without properly cleaning the grid beforehand.

- 4) Fit the discharge plate, disc or dicing equipment as indicated in "assembly procedures" in points 1) and 2).
- 5) Close the lid of the vegetable preparation machine and lock onto the motor base using the fastening hook.



The lid of the vegetable processor features two feed openings:

- a wide feed opening for processing vegetables such as cabbage and celery.
- a narrow feed opening for long vegetables, guaranteeing a remarkable degree of cutting precision. Cutting quality can be optimized if the compartment is used as a cutting guide.

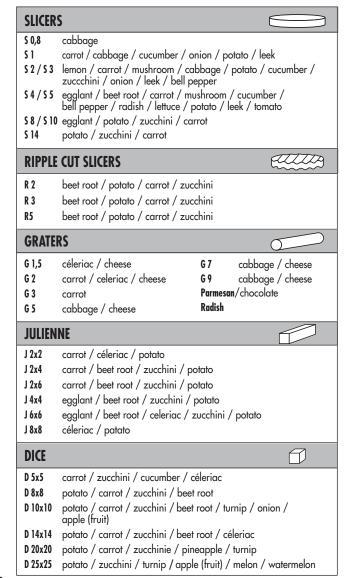
USING THE WIDE FEED OPENING

- Raise the pusher to gain access to the feed opening.
- Fill the feeder right up to the top with vegetables.
- Lower the pusher so that it is flush with the top of the feed opening.
- Exert a downwards pressure on the pusher. This pressure should just accompany the cutting process and will vary according to the type of cut. Remember that too great a pressure will place unnecessary strain on the appliance.
- Cut cabbages in half and remove the core before processing, in order to avoid unnecessary strain and ensure an end-product of a higher quality.

USING THE WIDE FEED OPENING

Fill the feeder right up to the top with vegetables. Apply a downwards pressure on the pusher and maintain it until all the vegetables have been processed.

Always press the vegetables down with a pusher to improve cutting efficiency.





CLEANING

WARNING

Always unplug your food processor before cleaning (risk of electric shock).

Dishwashers are best avoided in order to prevent the aluminum from becoming tarnished. Instead we recommend that you clean the machine by hand, using a "soft metal safe" detergent.

The continuous feed lead, discharge plates, and cutting plates can be cleaned in a dishwasher. However, we suggest that you use a mild (non-corrosive) detergent designed for soft metals such as aluminum.

NEVER IMMERSE THE MOTOR BASE IN WATER. CLEAN IT WITH A DAMP (NOT DRIPPING), 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 GRATERS

The blades on the slicing discs, the plates on the julienne discs and the graters are all wearing parts, which have to be changed every so often to ensure high quality cutting.

Λ

WARNING

The cutting plates are very sharp. Wear cut resistant gloves when handling the plates.

1) The CL 50 is fitted with a safety system that turns the machine off when the lead is opened or if the lid latch is opened. If this system should ever fail, the machine should be removed from use and serviced immediately.

To restart your machine, simply close the feed lead, close the lid latch and press the green switch.

2) The CL 50 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, and restart by first pressing the reset button located on the bottom of the motor base. Then close the lead / attachment, close the latch, and press the on button.

WARNING

Do not open the feed lead until the motor has come to a complete stop.

Never tamper with or defeat the purpose of the locking and safety systems.

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.

SERVICE

See warranty first then;

Should your unit require service, check with your distributor to see where local service is available. If not or if you wish your unit to be serviced at the factory, call for return instructions and ship the unit prepaid to our factory address.

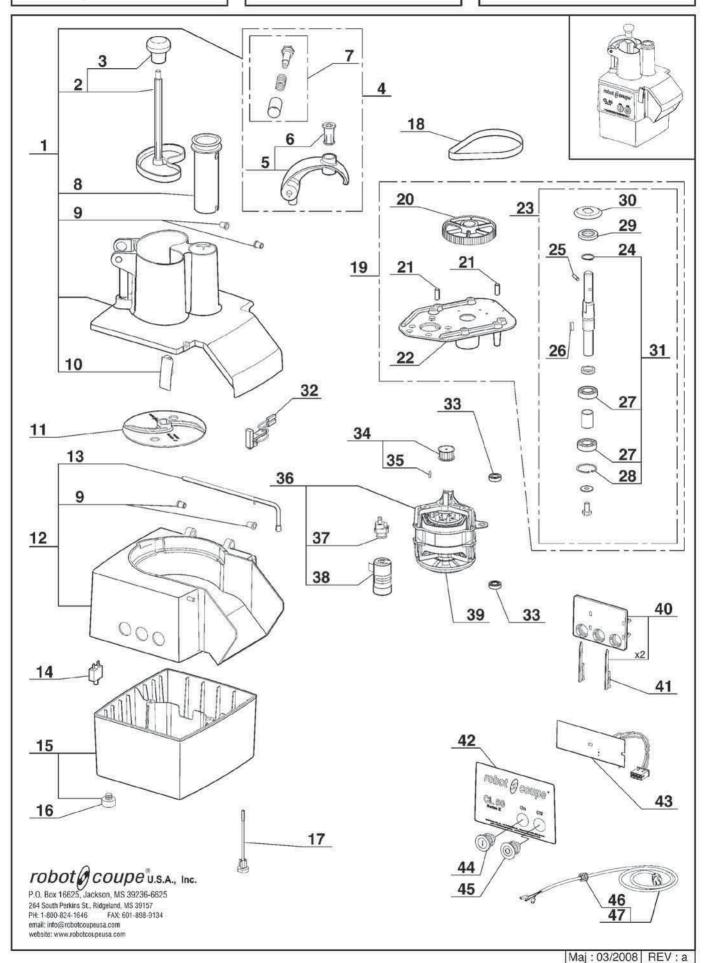
PH: 1-800-824-1646 Robot-Coupe USA, Inc Service Department Repair 264 South Perkins Street Ridgeland, MS 39157

For service in Canada contact the Robot-Coupe USA factory for repair instructions.

robot@coupe®u.s.A., Inc.

CL 50 E

N° de série / Serial number - 450 - - - - -





CL 50 E

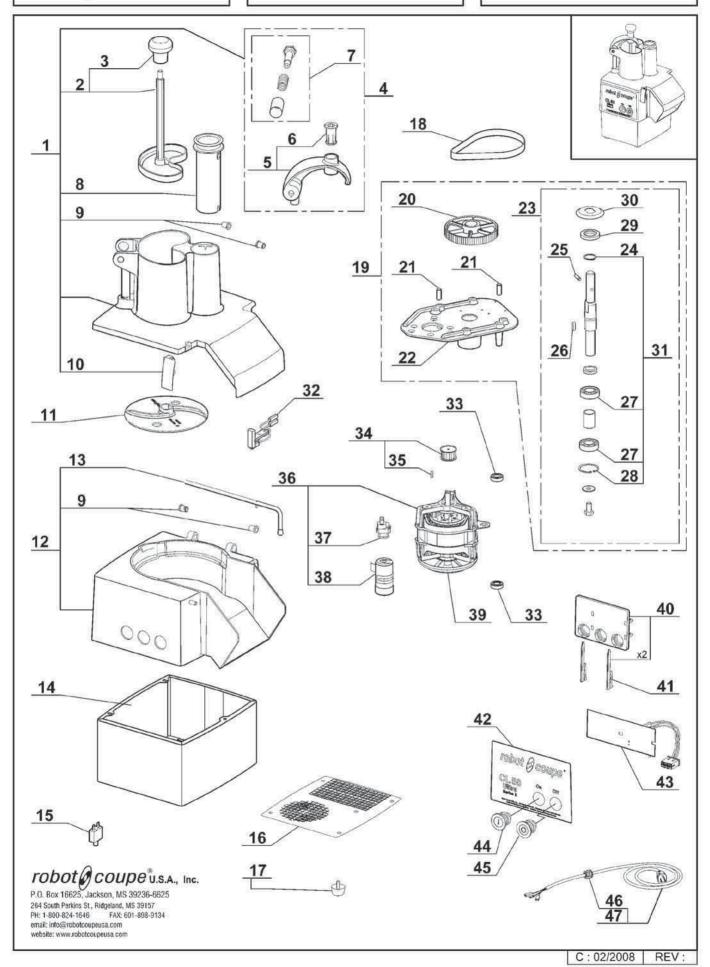
Serial number / N° de serie

| Index | Part / Pièce | Description | Designation |
|--------|-----------------|--------------------------------|------------------------------------------------------------|
| 1 | 39 700 | COMPLETE FEED LEAD | COUVERCLE COMPLET |
| 2 | 39 701 | VEGETABLE PUSHER ASSEMBLY | ENSEMBLE POUSSOIR |
| 3 | 117 452 | HANDLE PUSHER | POMMEAU |
| 4 | 39 702 | PUSHER GUIDE + AXLE ASSEMBLY | ENSEMBLE GUIDE POUSSOIR + AXE |
| 5 | 39 703 | PUSHER GUIDE ASSEMBLY | ENSEMBLE GUIDE POUSSOIR |
| 6 | 100 638 | PUSHER GUIDING BUSCHING | BAGUE DE GUIDAGE |
| 7 | 39 704 | GUIDE AXLE ASSEMBLY | ENSEMBLE AXE DE CHAPE |
| 8 | 118 324 | CARROTS PUSHER | POUSSOIR CAROTTES |
| 9 | 39 705 | SHOULDERED RINGS (QTY=2) | BAGUE EPAULEE (QTE=2) |
| 10 | 29 501 | LATCH ASSEMBLY | ENSEMBLE TAQUET D'ACCROCHAGE |
| 11 | 102 690 | SLING PLATE | DISQUE EVACUATEUR |
| 12 | 39 706 | BOWL ASSEMBLY | ENSEMBLE CUVE |
| 13 | 100 730 | HING PIN | TIGE DE CHARNIERE |
| 14 | 118 442 | CIRCUIT BREAKER | COUPE CIRCUIT |
| 15 | 39 718 | PLASTIC MOTOR ENCLOSURE | CAPOT PLASTIQUE MONTE |
| 16 | 117 579 | FOOT (QTY=1) | PIED (QTE=1) |
| 17 | 118 387 | MOTOR ENCLOSURE SCREW | VIS FIXATION SURMOULE |
| 18 | 507 341 | BELT HTD 450-5MX15 | COURROIE HTD 450-5MX15 |
| 19 | 39 707 | MOTOR SUPPORT ASSEMBLY | ENSEMBLE SUPPORT TRANSMISSION |
| 20 | 105 529 | DRIVEN PULLEY | POULIE RECEPTRICE |
| 21 | 510 218 | LOCKING PIN | DOUILLE ELASTIQUE |
| 22 | 105 531 | MOTOR SUPPORT | SUPPORT TRANSMISSION |
| 23 | 39 708 | TRANSMISSION SHAFT ASSEMBLY | ENSEMBLE AXE RECEPTEUR |
| 24 | 203 068 | C-RING EXT 25 | CIRCLIPS EXT 25 |
| 25 | 110 308 | DRIVING PIN | GOUPILLE ENTRAINEMENT |
| 26 | 203 015 | KEY 6X6X20 | CLAVETTE 6X6X20 |
| 27 | 510 217 | BALL BEARING 6004 2RS | ROULEMENT 6004 2RS |
| 28 | 203 206 | C-RING INT 42 | CIRCLIPS INT 42 |
| 29 | 501 678 | SHAFT SEAL 25X42X7 | BAGUE ETANCH 25X42X7 |
| 30 | 101 547 | DEFLECTOR | DEFLECTEUR |
| 31 | 39 709 | BALL BEARINGS ASSEMBLY | ENSEMBLE ROULEMENTS |
| 32 | 29 451 | SAFETY SWITCH ASSEMBLY | ENSEMBLE INTERRUPTEUR DE SECURITE |
| 33 | 600 457 | BALL BEARING | ROULEMENT |
| 34 | 29 530 | DRIVING PULLEY ASSEMBLY | ENSEMBLE POULIE MOTRICE |
| 35 | 502 768 | MOTOR SHAFT KEY 4X4X16 | CLAVETTE MOTEUR 4X4X16 |
| 36 | 3 115 | MOTOR SHAFT RET 4X4X10 | MOTEUR |
| 37 | 500 296 | MOTOR STARTING RELAY | RELAIS DEMARRAGE MOTEUR |
| 38 | 603 669 | STARTING CAPACITOR | CONDENSATEUR DE DEMARRAGE |
| 39 | 118 512 | FAN | VENTILATEUR |
| 40 | 29 533 | CONTROL BOARD SUPPORT ASSEMBLY | ENSEMBLE SUPPORT PLATINE |
| PARTOX | +12-12 12:42:45 | | CLAVETTE FIXATION PLATINE |
| 41 | 117 703 | CONTROL BOARD FIXING KEY | PLAQUE FRONTALE |
| 42 | 403 985 | FRONT PLATE | The secret set of a superference content or notified where |
| 43 | 102 481 | CONTROL BOARD | CARTE DE COMMANDE |
| 44 | 502 170 | GREEN KNOB I | BOUTON VERT I |
| 45 | 502 169 | RED KNOB | BOUTON ROUGE |
| 46 | 507 343 | STRAIN RELIEF | PRESSE ETOUPE |
| 47 | 507 027 | POWER CORD | CABLE D'ALIMENTATION |

robot@coupe[®]u.s.A., Inc.

CL 50 E Ultra

Seriel number / N° de série





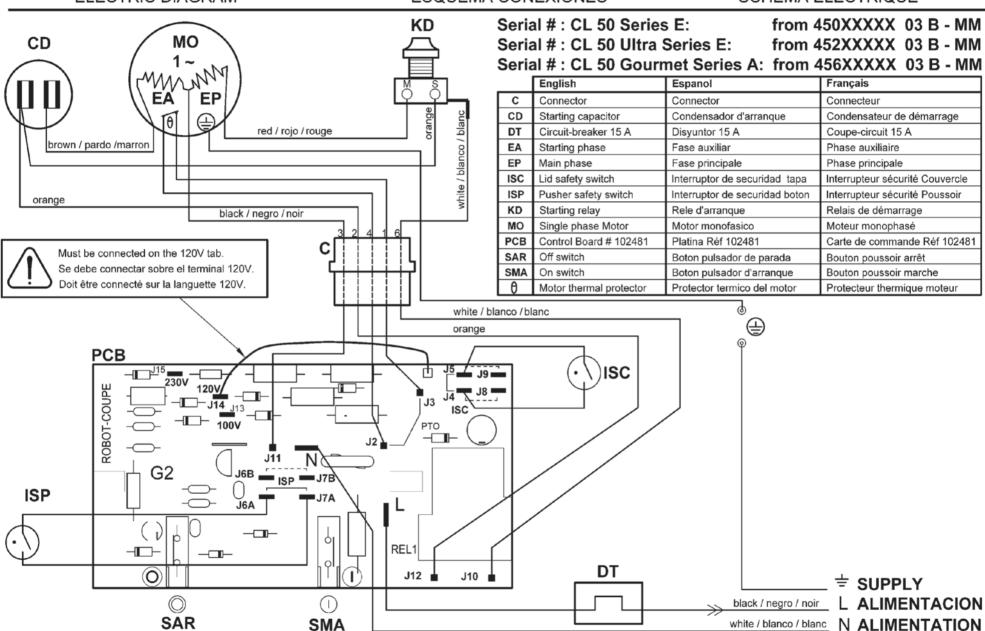
CL 50 E Ultra

Serial number / N° de série - 452 - - - - -

| 1 | Part / Pièce | Description | Designation |
|----------|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| | 39 700 | COMPLETE FEED LEAD | COUVERCLE COMPLET |
| 2 | 39 701 | VEGETABLE PUSHER ASSEMBLY | ENSEMBLE POUSSOIR |
| 3 | 117 452 | HANDLE PUSHER | POMMEAU |
| 4 | 39 702 | PUSHER GUIDE + AXLE ASSEMBLY | ENSEMBLE GUIDE POUSSOIR + AXE |
| 5 | 39 703 | PUSHER GUIDE ASSEMBLY | ENSEMBLE GUIDE POUSSOIR |
| 6 | 100 638 | PUSHER GUIDING BUSCHING | BAGUE DE GUIDAGE |
| 7 | 39 704 | GUIDE AXLE ASSEMBLY | ENSEMBLE AXE DE CHAPE |
| 8 | 118 324 | CARROTS PUSHER | POUSSOIR CAROTTES |
| 9 | 39 705 | SHOULDERED RINGS (QTY=2) | BAGUE EPAULEE (QTE=2) |
| 10 | 29 501 | LATCH ASSEMBLY | ENSEMBLE TAQUET D'ACCROCHAGE |
| 11 | 102 690 | SLING PLATE | DISQUE EVACUATEUR |
| 12 | 39 706 | BOWL ASSEMBLY | ENSEMBLE CUVE |
| 13 | 100 703 | HINGE PIN | TIGE DE CHARNIERE |
| 14 | 117 686 | STAINLESS STEEL MOTOR ENCLOSURE | CAPOT INOX |
| 15 | 118 442 | CIRCUIT BREAKER | COUPE CIRCUIT |
| 16 | 118 443 | BOTTOM PLATE | PLAQUE DE FOND |
| 17 | 500 247 | FOOT | PIED |
| 18 | 507 341 | BELT HTD 450-5MX15 | COURROIE HTD 450-5MX15 |
| 19 | 39 707 | MOTOR SUPPORT ASSEMBLY | ENSEMBLE SUPPORT TRANSMISSION |
| 20 | 105 529 | DRIVEN PULLEY | POULIE RECEPTRICE |
| 21 | 510 218 | LOCKING PIN | DOUILLE ELASTIQUE |
| 22 | 105 531 | MOTOR SUPPORT | SUPPORT TRANSMISSION |
| 23 | 39 708 | TRANSMISSION SHAFT ASSEMBLY | ENSEMBLE AXE RECEPTEUR |
| POTENTIA | | DESCRIPTION AND A STATE OF THE | |
| 24 | 203 068 | C-RING EXT 25 | CIRCLIPS EXT 25 |
| 25 | 110 308 | DRIVING PIN | GOUPILLE ENTRAINEMENT |
| 26 | 203 015 | KEY 6X6X20 | CLAVETTE 6X6X20 |
| 27 | 510 217 | BALL BEARING 6004 2RS | ROULEMENT 6004 2RS |
| 28 | 203 206 | C-RING INT 42 | CIRCLIPS INT 42 |
| 29 | 501 678 | SHAFT SEAL 25X42X7 | BAGUE ETANCH 25X42X7 |
| 30 | 101 547 | DEFLECTOR | DEFLECTEUR |
| 31 | 39 709 | BALL BEARINGS ASSEMBLY | ENSEMBLE ROULEMENTS |
| 32 | 29 451 | SAFETY SWITCH ASSEMBLY | ENSEMBLE INTERRUPTEUR DE SECURITE |
| 33 | 600 457 | BALL BEARING | ROULEMENT |
| 34 | 29 530 | DRIVING PULLEY ASSEMBLY | ENSEMBLE POULIE MOTRICE |
| 35 | 502 768 | MOTOR SHAFT KEY 4X4X16 | CLAVETTE MOTEUR 4X4X16 |
| 36 | 3 115 | MOTEUR | MOTEUR |
| 37 | 500 296 | MOTOR STARTING RELAY | RELAIS DEMARRAGE MOTEUR |
| 38 | 603 669 | STARTING CAPACITOR | CONDENSATEUR DE DEMARRAGE |
| 39 | 118 512 | FAN | VENTILATEUR |
| 40 | 29 533 | CONTROL BOARD SUPPORT ASSEMBLY | ENSEMBLE SUPPORT PLATINE |
| 41 | 117 703 | CONTROL BOARD FIXING KEY | CLAVETTE FIXATION PLATINE |
| 42 | 403 986 | FRONT PLATE | PLAQUE FRONTALE |
| 43 | 102 481 | CONTROL BOARD | CARTE DE COMMANDE |
| | 502 170 | GREEN KNOB I | BOUTON VERT I |
| 44 | 502 169 | RED KNOB | BOUTON ROUGE |
| 44 45 | | STRAIN RELIEF | PRESSE ETOUPE |
| | 507 343 | | |

CL 50 Series E - CL 50 Ultra Series E - CL 50 Gourmet Series A

120V-60Hz Single phase SCHEMA ELECTRIQUE



robot@coupe°

N° 410199 C: 02/08



Robot-coupe USA, Inc,

P.O. Box 16625, Jackson, MS 39236-6625 264 South Perkins St., Ridgeland, MS 39157 e-mail: info@robotcoupeusa.com - website: www.robotcoupeusa.com

Phone: 1-800-824-1646