# robot of coupe®



R502 • R502 V.V. • R602 • R602 V.V.

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# **ROBOT-COUPE S.N.C., LIMITED WARRANTY**

Your new ROBOT-COUPE appliance is warranted to the original buyer for a period of one year from the date of sale if you bought it from ROBOT-COUPE s.N.C.

If you bought your ROBOT-COUPE product from a distributor your product is covered by your distributor's warranty (Please check with your distributor terms and conditions of the warranty).

The ROBOT-COUPE s.n.c. limited warranty is against defects in material and/or workmanship.

# THE FOLLOWING ARE NOT COVERED BY THE ROBOT-COUPE s.n.c. 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** Labour to sharpen and/ or replacements for blades which have become blunt, chipped or worn after a normal or excessive period of use.
- **3** Materials or labour to replace or repair scratched, stained, chipped, pitted, dented or discoloured 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** Labour charges to install or test new attachments or accessories (i.e., bowls, discs, blades, attachments) which have been arbitrarity replaced.
- **7** The cost of changing direction-of-rotation of three-phase electric motors (Installer is responsible).

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

KEEP ALL ORIGINAL CONTAINERS AND PACKING MATERIALS FOR CARRIER INSPECTION.

Neither ROBOT-COUPE S.N.C. 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 s.n.c. 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 s.n.c. France.

# **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. Please read these instructions in their entirely and make sure that anyone else who may use the mixer 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. blade, 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 rating plate on the motor unit and that it can take the amperage.
- The machine must be earthed.
- With the three-phased version, always check that the blade rotates in an anti-clockwise direction.

# **HANDLING**

• Always take care when handling the blades or discs - they are very 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 introduce any 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 while it is empty.

# **CLEANING**

- As a precaution, always unplung your appliance before cleaning it.
- Always clean the appliance and its attachments at the end of each cycle.

- Never place the motor unit in water.
- For parts made of aluminum alloys, use cleaning fluids suitable for aluminum.
- For plastic parts , do not use detergents that are too alkaline (i.e., 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 unplung 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 in any way or if the appliance fails to work properly or has been damaged in any way.
- Do not hesitate to contact your local Maintenance Department if something appears to be wrong.

# INTRODUCTION TO YOUR NEW BOWL CUTTER/VEGETABLE PREPARATION ATTACHMENT R502 - R502 V.V. - R602 - R602 V.V.

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

The food processor consists of a bowl cutter and vegetable preparation attachment. In cutter mode, this machine can be used to process meat, vegetables, fine stuffing, mousse, grinding, kneading, ... in less than 5 minutes for even the longest tasks.

In the vegetable preparation version, the device has a wide range of discs for 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 fitted and removed in a trice.

To make things easier for you, this manual gives a breakdown of all the various fitting operations.

We place special emphasis on those actions which cause the machine to stop.

This manual contains important information designed to help the user get the most out of his or her bowl cutter/vegetable preparation device.

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

# ADVICE ON ELECTRICAL CONNNECTIONS

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

# WARNING

This appliance must be plugged into an earthed socket (risk of electrocution).

#### **THREE PHASE R502 - R602**

The R502/R602 come with different types of motor: 230 x 400 V switchable / 50 Hz / 3
400 V / 50 Hz / 3
220 V / 60 Hz / 3
380 V / 60 Hz / 3

This machine is supplied with a cable to which you simply attach the appropriate electrical plug or isolator for your system. The cable has four wires, one earth wire, plus three phases wires.

# If you have a 4-pin plug:

- 1) Connect the green and yellow earth wire to the earth pin.
- 2) Connect the three other wires to the remaining pins.

If you have more than 4 pins in the plug, please note the ROBOT-COUPE does not require a neutral wire.

Switch on the empty machine, making sure that the blade is rotating properly in an anti-clockwise direction.

On the lid a arrow marks the blade rotation directions. If the blade turns in a clockwise direction, swap over two wires.

# GREEN YELLOW is the earth, DO NOT DISCONNECT

Swap either: the  $oldsymbol{0}$  and the  $oldsymbol{2}$ 

the  $\mathbf{0}$  and the  $\mathbf{3}$ 

or the  $\mathbf{Q}$  and the  $\mathbf{Q}$ 

# SINGLE PHASE R502 V.V. / R602 V.V. (Variable speed)

The R502 V.V. and R602 V.V. models are available with a single phase motor: +

variable speed: 230 V / 50 - 60 Hz /1

The standardized plug must be calibrated to a minimum of 13 amps and preferably 20 amps, if the appliance is used intensively.

## CONTROL PANEL

Red switch = Off switch
Green switch = On switch
Black switch = Pulse control

R502 - R602: Speed selector = 750 or 1.500 rpm. R502V.V - R602V.V.: Speed variation **for cutter bowl** 

from 300 to 3.000 rpm. for **vegetable preparation** from 300 to 1.000 rpm.

# **ASSEMBLY**

# BOWL CUTTER ATTACHMENT

1) with the motor base facing you, position the cutter bowl on the motor base.





2) Turn the bowl to the right until it locks.

# • VEGETABLE PREPARATION ATTACHMENT

The vegetable slicer attachment comprises of two removable parts: the vegetable cutter bowl and lid.



1) With the motor base unit facing your, fit the vegetable cutter bowl onto the motor base unit so that the bowl juts out slightly on the left, with the injection cute on your right.



4) Position your chosen disc:

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

position the disc on the motorshaft. To ensure that it is correctly positioned, turn it in a clockwise direction.

3) Engage the blade on the motor shaft and lower it right to the bottom of the bowl.

Make sure that it is correctly positioned, by rotating it in the bowl.



2) Turn the bowl to the right, until it locks. In order to dismount this vegetable preparation bowl, we only need to push on the stainless steel button.



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 slicer	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.



4) Place the lid on the bowl and rotate to the right until it clicks.

The device is now ready for use. The green light should therefore be illuminated.

For the R502 and R602 models, in cutter version, place the speed

selector on the blade drawing in order to operate at 1.500 rpm.

For the R502 V.V. and R602 V.V. models, the electronic speed variation automatically selects the permitted speed range, which varies between 300 to 3.000 rpm.



3) Fit the white plastic sling plate onto the motor shaft and check that it is correctly positioned at the bottom of the bowl



SIDE A facing upwards (low ejection rib) for any vegetables or citrus fruit which require careful handling (tomatoes, mushrooms...).



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

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.

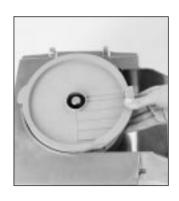




Next, fit the corresponding slicing disc (straight-edged blade) and rotate in a clockwise direction to ensure that it is correctly positioned.

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 is correctly positioned.





6) Slip the hinge pin into the locations provided at the back of the motor unit. Next fit the lid securely onto the motor base using the fastening hook The device is now ready to use.

When using the models R502 and R602 with the Vegetable Preparation Attachment the motor will only run at the low speed, 750 rpm. Changing the speed selector to high speed will have no effect. This is to ensure the best end result for your products. For the R502 V.V. and R602 V.V. models, the speed variation selects automatically the permitted speed range, which varies between 300 and 1.000 rpm.

#### TO CHANGE THE DISC:



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

5) Position the head of the

vegetable preparation

machine on the motor-

shaft. The fastening hook

should now be facing you,

on your right.

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...

In the case of dicing or French fries cutting equipment, you should pull out the grid and disc assembly in one go. The discharge plate can then be removed by means of the two holes. Then pull out the discharge plate with the aid of the two holes.

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 clean grid.

- 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 unit using the fastening hook.

# TECHNICAL SPECIFICATIONS

# • DESCRIPTION AND ADVANTAGES

# **BOWL CUTTER ATTACHMENT**

- 5.5-litre stainless steel bowl for models R502 and R502 V.V.
- 6.5-litre stainless steel bowl for models R602 and R602 V.V.
- A patented blade, an exclusive ROBOT-COUPE feature, gives perfect result for small or large quantities.

- New blade profile for optimum cutting quality.
- Pulse control for better cutting precision.
- Automatic bowl locking.
- Extremely simple unlocking of bowl by means of a trigger fitted in the handle.
- Lid designed to allow the addition of liquid or ingredients during processing.
- Models R502 and R502 V.V. are equipped with a straight blade knife supplied as standard equipment and can be provided with an optional serrated blade for grinding and kneading tasks.
- Models R602 and R602 V.V. are supplied with an all stainless steel straight blade knife that is fully removable and can be fitted with serrated blades.

#### **VEGETABLE PREPARATION ATTACHMENT**

- All- metal vegetable preparation attachment in aluminum for high strength.
- The vegetable preparation attachment is equipped with two hoppers: a large D shape hopper (with an area of 121 sq.cm) to process vegetables such as cabbage, celery, lettuce and tomatoes, plus a round deep hopper (Ø: 58 mm) designed for long or fragile vegetables and for an outstanding cut quality.
- A complete collection of discs, made of die aluminum and perfectly balanced, guarantee and outstanding cut quality and allows you to perform all types of fruit and vegetable preparation, i.e. slicing, ripple cut slicing, grating, julienne, strips, dicing or preparing French fries potatoes.
- The profile of blades and combs is carefully studied to ensure **more durable cut.**

#### **MOTOR BASE**

- Flat motor base for easier fitting and cleaning of attachments.
- Models R502 and R602 are provided with two speeds. The speed of 1.500 Rpm is suitable for all types of coarse and fine chopping, stuffings and mousses, rinding and kneading.
- The speed of **750 Rpm** is reserved for the **vegetable preparation function.**
- Models R502 V.V. and R602 V.V. are equipped with a speed variation which automatically selects the permitted speed range according to the attachment used. When using the cutter-mixer function, this speed range varies between 300 and 3.000 Rpm to ensure more flexible use and give a wide range of tasks. When using the vegetable preparation function, the permitted speed range varies between 300 and 1.000 Rpm. Slow speeds are reserved for the cutting of very fragile vegetables, and higher speeds allow a faster output.
- Machines in compliance with strictest hygiene and safety standards.

### PACKAGING

The packaging for these models has been specially designed to prevent damage occurring in transit.

Details of the contents are clearly marked on the packaging:

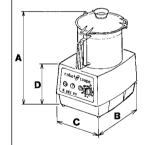
- type of device;
- voltage;
- attachments (if any);
- serial number;

Dimensions (in mm): Motor base + cutter Bowl Height 580 Lenght 500 Width 400 Vegetable preparation attachment Height 470 Lenght 400 Width 400

• WEIGHT R502	net weight	gross weight
(without disc)	30 kg	34 kg
R502 V.V. (without disc)	32 kg	36 kg
R602 (without disc) R602 V.V.	31 kg	35 kg
(without disc)	33 kg	37 kg

# • DIMENSIONS (in mm)

	R502	R502 V.V.	R602	R602 V.V.
Α	480	480	520	520
В	350	350	350	350
С	280	280	280	280
D	265	265	265	265





WORKING HEIGHT

We recommend that you position the food processor on a stable worktop so that the upper edge of the large feed hopper is at a height of between 1.20 m and 1.30 m.

# NOISE LEVEL

The equivalent continuous sound level when the food processor is operating on no-load is less than 70 db (A).

# **EXAMPLES**

#### BOWL CUTTER ATTACHMENT

The cutter will enable your to perform all your cutting tasks in minimum time; we recommend therefore, that you keep a close eye on the mixture in order to obtain the desired results.

The pulse control allows you to stop and start the machine for high-precision control when working with certain types of ingredients.

US	SES	R502 R502 V.V. Max processing quantity (kg)	R602 R602 V.V. Max processing quantity (kg)		Processing time (mn)
	СНОР				
• //	<b>MEAT</b>				
Hambur	ger/steak tartare	1,5	2	1200/ 1500	3
Sausage	emeat/tomatoes	2	2,5	1200/ 1500	3
Terrine .	/ pâté	2,5	2,5	1200/ 1500	4
• F	ISH				
Branda	de	2,5	3	3000	5
Terrines		2,5	3	3000	5
• \	'EGETABLES				
Garlic/p	oarsley/onion/shallots	0,5/1,0	0,5 / 1,5	1500/ 2000	3
Soup /	Soup / purées		3	2500/ 3000	4
• F	• FRUIT				
Compo	tes /purées	2	3	2500/ 3000	4

EMULSIFY				
Mayonnaise / ailloli / rémoulade sauce	3	3,5	600/ 1500	3
Hollandaise / béarnaise	2	3	600/ 1500	5
Snail or salmon butter	2	2,5	600/ 1500	4
KNEAD				
Shortcrust pasty / Shortbread	2	2,5	900/ 1500	4
Flaky pastry	2	2,5	900/ 1500	4
Pizza dough	2	2,5	900/ 1500	4
GRIND				
Dried fruit	1	1,5	900/ 1500	4
Ice	1	1,5	900/ 1500	4
Breadcrumbs	1	1,5	900/ 1500	4
MIX				
	-	-	300/ 600	-

The cutter version has numerous other applications. The above quantities and times are approximate and may vary according to the quality of the ingredients and recipes.

# VEGETABLE PREPARATION ATTACHMENT

The vegetable preparation attachment consists of two hoppers:

- one large hopper for cutting vegetables such as cabbage, celeriac, etc.
- a cylindrical hopper for long vegetables and highprecision cutting.

For optimum cutting, use this section as a guide

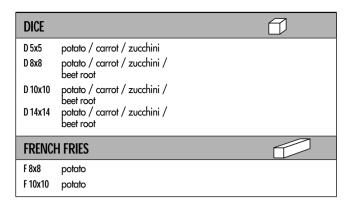
#### **HOW TO USE THE LARGE HOPPER**

- Raise the lever and release the hopper opening.
- Fill hopper with vegetables.
- Replace the lever at the base of the hopper.
- Start to press the lever, switch on machine and maintain pressure until there are no vegetables left in the hopper

#### **HOW TO USE THE CYLINDRICAL HOPPER**

- Fill hopper with vegetables.
- Start to press the button and switch on machine.
- maintain pressure until all the vegetables have been processed.

SLICERS	3		
\$ 0,8	cabbage		
<b>\$1</b>	carrot / cabbage / cucumber / c		
\$2/\$3	lemon / carrot / mushroom / carrot / mushroom / carrot / mushroom / carrot / bell p		cucumber /
\$4/\$5			
	10 egglant / potato / zucchini / carrot		
\$/14	potato / zucchini / carrot		
RIPPLE	CUT SUCER		
R 2	beet root / potato / carrot / zuc	chini	
R 3	beet root / potato / carrot / zuc	chini	
R5	beet root / potato / carrot / zuo	chini	
GRATEF	1		
G1,5	céleriac / cheese	G7 cabb	age / cheese
G 2	carrot / celeriac / cheese		age / cheese
G 3	carrot	Parmesan/choco	
G 5	cabbage / cheese	Radish	
JULIENI	VE		
J 2x2	carrot / céleriac / potato		
J 2x4	carrot / beet root / zucchini / potato		
J 2x6			
1.4.4	4x4 egglant / beet root / zucchini / potato		
J 4X4			
J 4x4 J 6x6	egglant / beet root / celeriac / :	zucchini / potato	

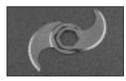


# **OPTION**



For the R502 and R502 V.V. models, a serrated blade knife is available as an option.

For the R602 and R602V.V. models, serrated blades are available as an option.



The serrated blades are recommended for grinding and kneading tasks.

**CLEANING** 



As a precaution, always unplug your appliance before cleaning it (risk of electrocution).

#### MOTOR BASE

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

#### BOWL CUTTER ATTACHMENT

After removing the lid, remove the bowl from the motor base by pushing the trigger fitted in the handle. Pull up to disengage, leaving the blade in the bowl in order to prevent any spillage when working with liquids.

If the food has a solid consistency, remove the blade and empty the bowl.

Replace the bowl, place the blade back on the shaft and switch on the machine in order to remove any mixture which may have stuck to the blade.

If you wish, you can rinse the bowl by filling it with hot water and switching on for a few minutes.

#### VEGETABLE PREPARATION ATTACHMENT

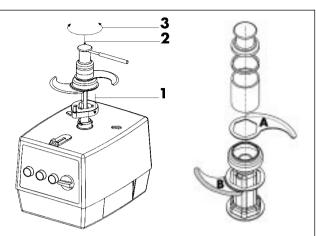
Remove each of the parts, i.e.: the lid, disc, sling plate and bowl by pushing the stainless steel button and clean.

Diswashers are best avoided especially for the lid. Instead we recommend that you clean the machine by hand, using washing-up liquid.

If you do use a dishwasher, we suggest that you use a detergent designed specially for aluminum.

# • BLADE

The stainless steel blade of R602 - R602 V.V. is easy to dismantle and to clean.



Ensure power supply to machine is disconnected.

- 1 Place blade dismantling tool over shaft onto motor base.
- 2 Fit blade onto shaft ensuring it is correctly positioned.
- **3** Insert bar into blade cap and turn anticlockwise to dismantle .

When re-assembling do not over tighten.

- A Upper blade.
- **B** Lower blade.

After cleaning the blade, always dry the blades well to prevent rusting.

# IMP

# IMPORTANI

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**

#### BLADE

We strongly recommend that the blades (smooth ones) are sharpened daily using sharpening stone supplied with machine.

The quality of the cut depends mainly on the sharpness of your blades and the degree of wear. The blades are actually wearing parts, which should be replaced occasionally to ensure consistent quality in the final product.

## MOTOR SEAL

The motor seal on the shaft should be lubricated regularly using a food safe lubricant.

In order to keep the motor completely watertight, it is advisable to check the motor seal regularly for wear and tear and replace if necessary.

The motor seal can be easily replaced without having to remove the motor, so we strongly advise you to ensure that is in good condition.

# BLADES, COMBS AND GRATERS

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

# **SAFETY**

# These models are fitted with a magnetic safety device and motor braking system.

As soon as you open the lid of the cutter bowl or the vegetable attachment, the motor stops.

To restart the machine, simply close the lid and press the green switch.

In order to avoid splashing when processing liquid preparation, we recommend you stop the machine before opening the lid.

# WARNING

The blades and discs are extremely sharp. Handle with care.

All the models are fitted with a thermal cut-out which 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.

# REMENBER

Never try to override the locking and safety systems.

Never introduce any 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 while it is empty.

# **STANDARDS**

#### MACHINES IN COMPLIANCE WITH:

- The following European directives and related national legislation:
- Modified "machinery" directive 98/37/EEC,
- "Low voltage" directive 73/23/EEC,
- "EMC" directive 89/336/EEC,
- "Materials and parts in food contact" directive 89/109/EEC.
- "Plastic materials and parts in food contact" directive 90/128/EEC.
- The following European harmonized standards and standards setting out health and safety rules:
- EN 292 1 and 2,

- EN 60204 -1 (1992),
- For Food Processors and blenders: EN 12852.
- For Vegetable cutting machine: EN 1678. INDEXES OF PROTECTION:
- IP 55 for the switches
- IP 34 for the machines.

# **ELECTRICAL DATA**

# R 502 three-phase machines

Motor	Vegetable Attachement (rpm)	Bowl cutter (rpm)	Power (Watts)	Intensity (Amp.)
230 x 400V/	750		370	230V=3,1 400V=1,8
50 Hz		1500	670	230V=3,6 400V=2,1
4007/50 11-	750		500	2,2
400V/50 Hz		1500	1000	2,4
2201//011-	900		500	3,6
220V/60 Hz		1800	1000	3,8
2007/40 112	860		500	2,1
380V/60 Hz		1700	1000	2,2

# R502 V.V. single-phase machines

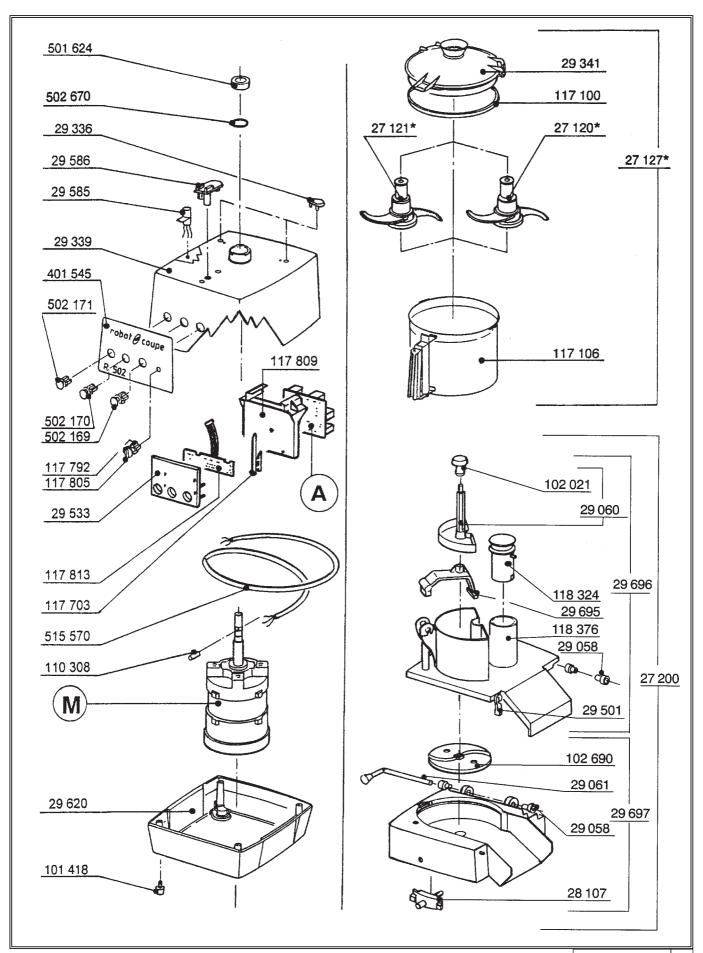
Motor	Vegetable Attachement (rpm)	Bowl cutter (rpm)	Power (Watts)	Intensity (Amp.)
230V/50-60Hz	300 to 1000	300 to 3000	1300	12

# R 602 three-phase machines

Motor	Vegetable Attachement (rpm)	Bowl cutter (rpm)	Power (Watts)	Intensity (Amp.)
230 x 400V/	750		450	230V=3,1 400V=1,8
50 Hz		1500	750	230V=3,6 400V=2,1
4007/2011	750		60 <b>0</b>	2,2
400V/50 Hz		1500	1200	2,4
0001//011	900		600	3,6
220V/60 Hz		1800	1200	3,8
2007//011	860		600	2,1
380V/60 Hz		1700	1200	2,2

# R 602 V.V. single-phase machines

Motor	Vegetable Attachement (rpm)	Bowl cutter (rpm)	Power (Watts)	Intensity (Amp.)
230 V/50-60Hz	300 to 1000	300 to 3000	1500	13





# R 502 D

A PLATINE / CIRCUIT BOARD

MOTEUR / MOTOR

REFERENCE	DESIGNATION				
27 120*	COUTEAU LISSE		COMPLETE STRAIGHT BLADE		
27 121*	COUTEAU CRANTE	,	COMPLETE SERRATED BLADE		
27 127*	CUTTER COMPLET	1	CUTTER ATTACHEMENT		
27 200	COUPE LEGUMES COMPLET	<i>i</i>	VEGETABLE SLICER ATT		
28 107	ENS PLAQUETTES VERROUILLAGE	1	VEGETABLE LOCKING PLATE		
29 058	ENS BAGUES EPAULEES (4)	7	SHOULDERED RING ASS		
29 060	ENS POUSSOIR LEGUMES	1	VEGETABLE PUSHER ASS		
29 061	ENS TIGE VERROUILLAGE	,	LOCKING ROD ASS		
29 336	ENS APPUI CUVE	j	BOWL SUPPORT ASS		
29 339	ENS SUPPORT MOTEUR	1	MOTOR SUPPORT ASS		
29 341	COUVERCLE CUTTER	<i>'</i>	CUTTER LID		
29 501	ENS TAQUET D'ACCROCHAGE	1	CLINCH CLIP ASS		
29 533	ENS SUPPORT PLATINE	,	PCB SUPORT ASS		
29 585	ENS ILS COUPE LEGUMES	,	REED SWITCH VEGETABLE ASS		
29 586	ENS ILS CUTTER	,	REED SWITCH CUTTER ASS		
29 620	ENS SOCLE	,	BASE ASS		
29 695	ENS GUIDE POUSSOIR	,	PUSHER GUIDE ASS		
29 696	ENS COUVERCLE COUPE LEGUMES	,	VEGETABLE LID ASS		
29 697	ENS CUVE COUPE LEGUMES	,	VEGETABLE SLICER BOWL		
101 418	PIEDS GRIS	/	GREY FOOT		
102 021	POIGNEE POUSSOIR	,	PUSHER HANDLE		
102 690	DISQUE EVACUATEUR GRIS	,	GREY SLING PLATE		
110 308	GOUPILLE AXE MOTEUR	,	MOTOR SHAFT PIN		
117 100	JOINT COUVERCLE	,	LID SEAL		
117 106	CUVE CUTTER	,	CUTTER BOWL		
117 703	CLAVETTE FIX PLATINE	,	KEY		
117 792	SELECTEUR DE VITESSE		SPEED SELECTOR		
117 805	POIGNEE COMMUTATEUR	1	COMMUTATOR HANDLE		
117 809	EQUERRE SUR PLATINE	1	CIRCUIT BOARD SUPPORT		
117 813	CARTE BOUTON	,	CONTROL PCB		
118 324	POUSSOIR CAROTTES	,	CARROTS PUSHER		
118 376	COUVERCLE COUPE LEGUMES	,	VEGETABLE SLICER LID		
401 545	PLAQUE FRONTALE	1	FRONT PLATE		
501 624	BAGUE D'ETANCHEITE	1	SEAL RING		
502 169	BOUTON ROUGE	1	RED KNOB		
502 170	BOUTON VERT	,	GREEN KNOB		
502 171	BOUTON NOIR	,	BLACK KNOB		
502 670	JOINT TORIQUE	,	SEAL		
515 570	CABLE D'ALIMENTATION	,	POWER CORD		



R 502 D

02/2000

N °	M	V	Hz	A
24 289 - 2 889	301 057	380	60	102 600
24 290 - 2 890	303 042	380	50	102 600
24 291 - 2 891	303 043	415	50	102 600
24 292 - 2 892	303 055	220	60	102 600
				·
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		-		

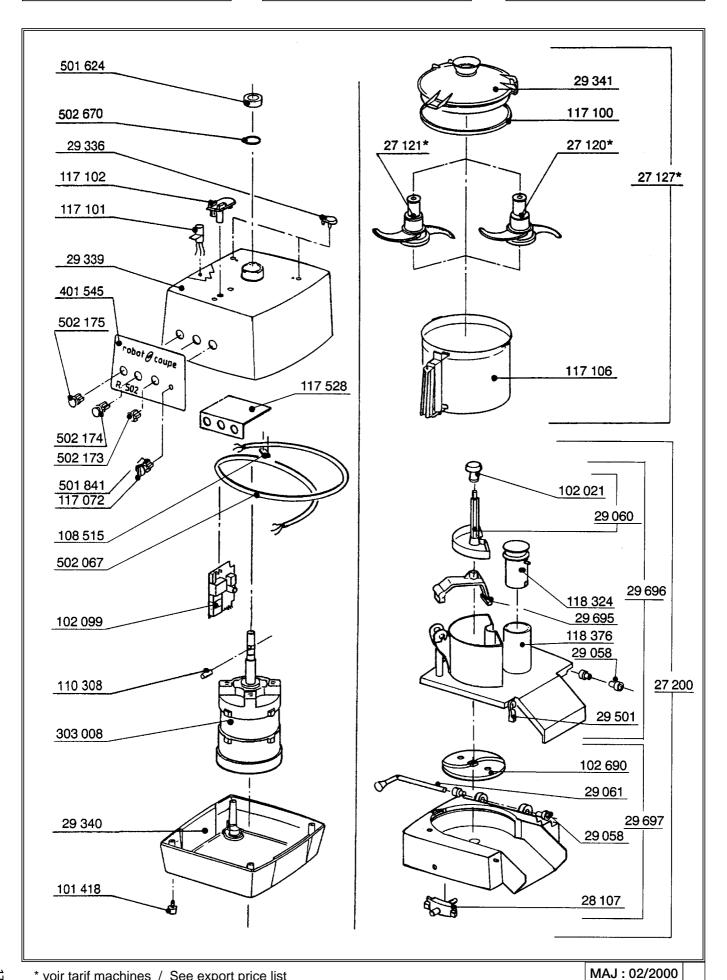
MAJ: 02/2000 C



# R 502 MD 220/380V

02/2000

24128-2893





# R 502 MD 220/380V

02/2000

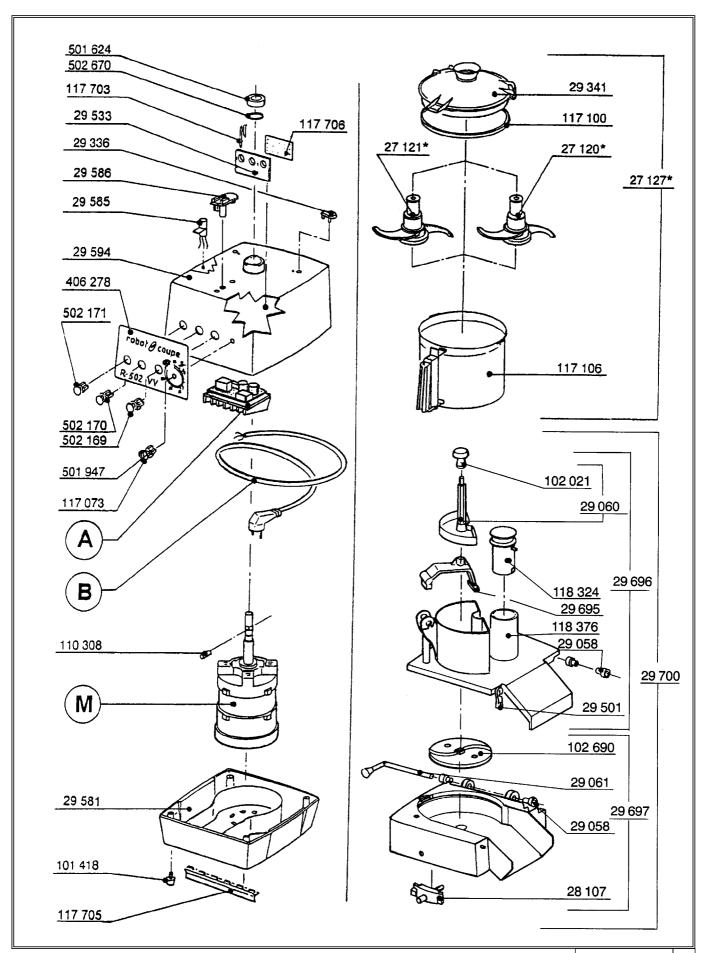
MAJ: 02/2000

24128-2893

REFERENCE	DESIGNATION				
07.100*	COLITEAULISSE	,	COMPLETE OTRAIOUT BLADE		
27 120* 27 121*	COUTEAU LISSE COUTEAU CRANTE	1	COMPLETE STRAIGHT BLADE COMPLETE SERRATED BLADE		
27 121**	CUTTER COMPLET	/			
27 200	COUPE LEGUMES COMPLET	/	CUTTER ATTACHEMENT VEGETABLE SLICER ATT		
28 107	ENS PLAQUETTES VERROUILLAGE	,	VEGETABLE SLICER ATT		
29 058	ENS BAGUES EPAULEES (4)	,	SHOULDERED RING ASS		
29 060	ENS POUSSOIR LEGUMES	,	VEGETABLE PUSHER ASS		
29 061	ENS TIGE VERROUILLAGE	,	LOCKING ROD ASS		
29 336	ENS APPUI CUVE	,	BOWL SUPPORT ASS		
29 339	ENS SUPPORT MOTEUR	,	MOTOR SUPPORT ASS		
29 340	ENS SOCLE	,	BASE ASS		
29 341	COUVERCLE CUTTER	,	CUTTER LID		
29 501	ENS TAQUET D'ACCROCHAGE	,	CLINCH CLIP ASS		
29 695	ENS GUIDE POUSSOIR	,	PUSHER GUIDE ASS		
29 696	ENS COUVERCLE COUPE LEGUMES	,	VEGETABLE LID ASS		
29 697	ENS CUVE COUPE LEGUMES	/	VEGETABLE SLICER BOWL		
101 418	PIEDS GRIS	1	GREY FOOT		
102 021	POIGNEE POUSSOIR	1	PUSHER HANDLE		
102 099	PLATINE	1	CIRCUIT BOARD		
102 690	DISQUE EVACUATEUR GRIS	1	GREY SLING PLATE		
108 515	CAVALIER SERRE CABLE	/	POWER CORD CLIP		
110 308	GOUPILLE AXE MOTEUR	/	MOTOR SHAFT PIN		
117 072	POIGNEE COMMUTATEUR	/	COMMUTATOR HANDLE		
117 100	JOINT COUVERCLE	/	LID SEAL		
117 101	ILS MONTE	/	REED SWITCH		
117 102	ENS APPUI SECURITE	/	SECURITY SUPPORT ASS		
117 106	CUVE CUTTER	1	CUTTER BOWL		
117 528	MYLAR PROTECTION	1	PROTECTION MYLAR		
118 324	POUSSOIR CAROTTES	/	CARROTS PUSHER		
118 376	COUVERCLE COUPE LEGUMES	/	VEGETABLE SLICER LID		
303 008	MOTEUR	1	MOTOR		
401 545	PLAQUE FRONTALE	1	FRONT PLATE		
501 624	BAGUE D'ETANCHEITE	/	SEAL RING		
501 841	ENS COMMUTATEUR	/	COMMUTATOR ASS		
502 067	CABLE D'ALIMENTATION	1	POWER CORD		
502 173	BOUTON ROUGE	,	RED KNOB		
502 174	BOUTON VERT	/	GREEN KNOB		
502 175	BOUTON NOIR	1	BLACK KNOB		
502 670	JOINT TORIQUE	1	SEAL		







# R 502 V.V. D

02/2000

A	VARIATEUR	1	REDUCTOR
B	CABLE D'ALIMENTATION	/	POWER CORD
M	MOTEUR	/	MOTOR

REFERENCE	DESIGNATION				
27 120	COUTEAU LISSE	1	COMPLETE STRAIGHT BLADE		
27 121	COUTEAU CRANTE	1	COMPLETE SERRATED BLADE		
27 127*	CUTTER COMPLET	1	CUTTER ATTACHEMENT		
27 200	COUPE LEGUMES COMPLET	1	VEGETABLE SLICER ATT		
28 107	ENS PLAQUETTES VERROUILLAGE	/	VEGETABLE LOCKING PLATE		
29 058	ENS BAGUES EPAULEES (4)	/	SHOULDERED RING ASS		
29 060	ENS POUSSOIR LEGUMES	/	VEGETABLE PUSHER ASS		
29 061	ENS TIGE VERROUILLAGE	/	LOCKING ROD ASS		
29 336	ENS APPUI CUVE	1	BOWL SUPPORT ASS		
29 341	COUVERCLE CUTTER	/	CUTTER LID		
29 501	ENS TAQUET D'ACCROCHAGE	/	CLINCH CLIP ASS		
29 533	ENS SUPPORT PLATINE	/	PCB SUPPORT ASS		
29 581	ENS SOCLE	/	BASE ASS		
29 585	ENS ILS COUPE LEGUMES	/	REED SWITCH VEGETABLE ASS		
29 586	ENS ILS CUTTER	/	REED SWITCH CUTTER ASS		
29 594	ENS SUPPORT MOTEUR	/	MOTOR SUPPORT ASS		
29 695	ENS GUIDE POUSSOIR	/	PUSHER GUIDE ASS		
29 696	ENS COUVERCLE COUPE LEGUMES	1	VEGETABLE LID ASS		
29 697	ENS CUVE COUPE LEGUMES	/	VEGETABLE SLICER BOWL		
101 418	PIEDS GRIS	/	GREY FOOT		
102 021	POIGNEE POUSSOIR	/	PUSHER HANDLE		
102 690	DISQUE EVACUATEUR GRIS	/	GREY SLING PLATE		
110 308	GOUPILLE AXE MOTEUR	/	MOTOR SHAFT PIN		
117 073	POIGNEE POTENTIOMETRE	/	POTENTIOMETERE HANDLE		
117 100	JOINT COUVERCLE	/	LID SEAL		
117 106	CUVE CUTTER	/	CUTTER BOWL		
117 703	CLAVETTE	1	KEY		
117 705	SEPARATEUR DE FLUX	/	AIR FLOW SEPARATOR		
117 706	CARTE BOUTON	/	CONTROL PCB		
118 324	POUSSOIR CAROTTES	/	CARROTS PUSHER		
118 376	COUVERCLE COUPE LEGUMES	1	VEGETABLE SLICER LID		
406 278	PLAQUE FRONTALE	1	FRONT PLATE		
501 624	BAGUE D'ETANCHEITE	1	SEAL RING		
501 947	POTENTIOMETRE	1	POTENTIOMETER		
502 169	BOUTON ROUGE	1	RED KNOB		
502 170	BOUTON VERT	1	GREEN KNOB		
502 171	BOUTON NOIR	1	BLACK KNOB		
502 670	JOINT TORIQUE	1	SEAL		





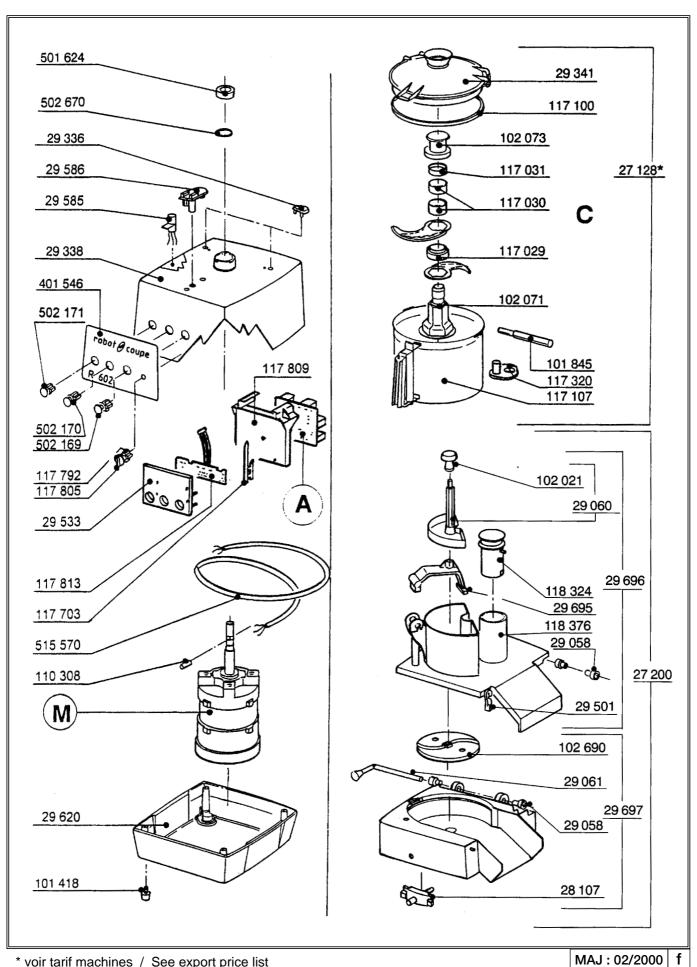
02/2000

N°	М	V	Hz	Α	В
24 318 - 2 888	303 009	230	50/60/1	117 710	503 125
24 319 - 2 887 UK	303 009	230	50/60/1	117 710	503 126
24 320 - 2 886 Aust	303 009	230	50/60/1	117 710	503 125

MAJ: 02/2000 C

R 602 D

02/2000





# R 602 D



**PLATINE** 

1 **CIRCUIT BOARD** 



**MOTEUR** 

**MOTOR** 

III)		•		
REFERENCE		DESIGNAT	ION	
27 122	COUTEAU D LISSE	,		SUP/UPPER:117 037
27 122	STRAIGHT BLADE KNIFE D	/	LAME/BLADE	INF/LOWER: 117 036
27 123	COUTEAU D CRANTE	,	LAME/BLADE	SUP/UPPER:117 039
С	SERRATED BLADE KNIFE D	,		INF/LOWER: 117 038
27 124*	COUTEAU CR LISSE	1	LAME/BLADE	SUP/UPPER:117 033
	STRAIGHT BLADE KNIFE CR	,		INF/LOWER: 117 032
27 125*	COUTEAU CR CRANTE	1	LAME/BLADE	SUP/UPPER:117 035
	SERRATED BLADE KNIFE CR	,	EXIVIE/DEXDE	INF/LOWER: 117 034
27 128* 27 200 28 107 29 058 29 060 29 061 29 336 29 338 29 341 29 501 29 533 29 585 29 586 29 690 29 695 29 696 29 697 101 418 101 845 102 021 102 071 102 073 102 690 110 308 117 029 117 030 117 030 117 107 117 320 117 528 117 703 117 792 117 805 117 792 117 805 117 792 117 805 117 809 117 813 118 324 118 376 401 546 501 624 502 169 502 170 502 171 502 670 515 570	CUTTER COMPLET COUPE LEGUMES COMPLET ENS PLAQUETTES VERROUILLAGE ENS BAGUES EPAULEES (4) ENS POUSSOIR LEGUMES ENS TIGE VERROUILLAGE ENS APPUI CUVE ENS SUPPORT MOTEUR COUVERCLE CUTTER ENS TAQUET D'ACCROCHAGE ENS SUPPORT PLATINE ENS ILS COUPE LEGUMES ENS ILS CUTTER ENS GUIDE POUSSOIR ENS GUIDE POUSSOIR ENS CUVE COUPE LEGUMES PIED GRIS CLE COUTEAU POIGNEE POUSSOIR SUPPORT COUTEAU ECROU DE COUTEAU DISQUE EVACUATEUR GRIS GOUPILLE AXE MOTEUR ENTRETOISE BASSE BAGUE INOX 15mm BAGUE PLASTIQUE 5mm JOINT COUVERCLE CUVE CUTTER DEMONTE COUTEAU MYLAR PROTECTION CLAVETTE FIX PLATINE SELECTEUR DE VITESSE POIGNEE COMMUTATEUR EQUERRE SUP PLATINE CARTE BOUTON POUSSOIR CAROTTES COUVERCLE COUPE LEGUMES PLAQUE FRONTALE BAGUE D'ETANCHEITE BOUTON NOIR JOINT TORIQUE CABLE D'ALIMENTATION		CUTTER ATTACT VEGETABLE SITUS VEGETABLE PORTAGE PORTAG	LICER ATT DCKING PLATE RING ASS USHER ASS ASS ASS ORT ASS DRT ASS ASS VEGETABLE ASS CUTTER ASS E ASS D ASS LICER BOWL  DLE RT IG NUT LATE PIN ER  5mm  BLADES TOOL MYLAR TOR HANDLE D SUPPORT HER



R 602 D

02/2000

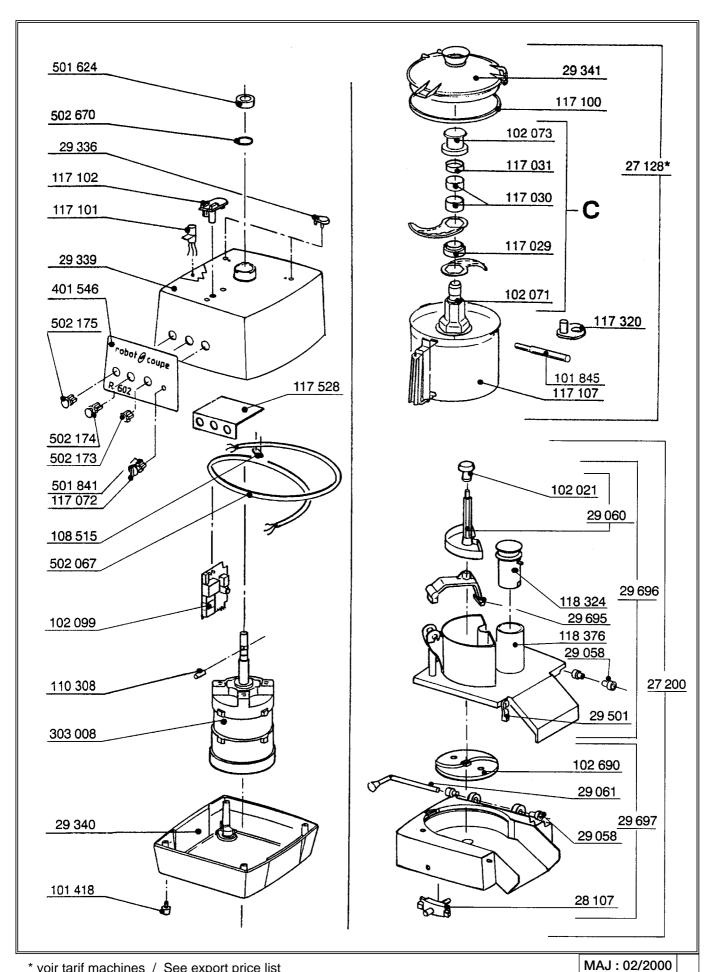
N°	М	V	Hz	Α
24 294 - 2 881	301 057	380	60	102 600
24 295 - 2 882	303 042	380	50	102 600
24 296 - 2 883	303 043	415	50	102 600
24 297 - 2 884	303 055	220	60	102 600

MAJ: 02/2000 e



# R 602 MD 220/380V

02/2000 24132-2885





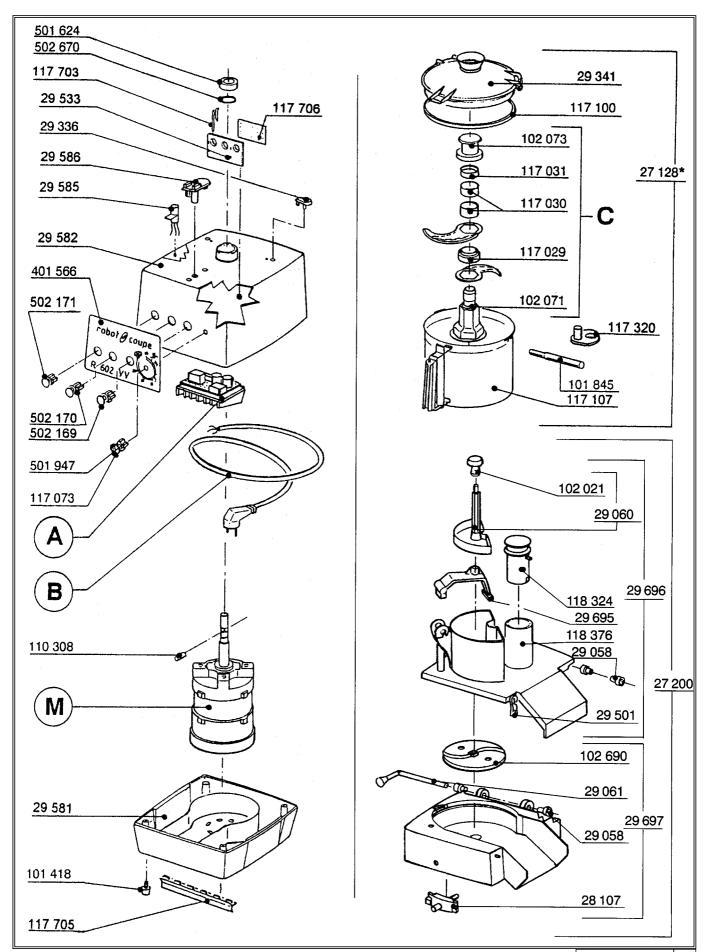
# R 602 MD 220/380V

02/2000 **24132-2885** 

MAJ: 02/2000

REFERENCE	DESIGNATION				
27 122	COUTEAU D LISSE STRAIGHT BLADE KNIFE D	1	LAME/BLADE	SUP/UPPER:117 037 INF/LOWER:117 036	
<b>C</b> 27 123	COUTEAU D CRANTE SERRATED BLADE KNIFE D	/ LAME/BLADE		SUP/UPPER:117 039 INF/LOWER:117 038	
27 124*	COUTEAU CR LISSE STRAIGHT BLADE KNIFE CR	1	LAME/BLADE	SUP/UPPER:117 033 INF/LOWER:117 032	
27 125*	COUTEAU CR CRANTE SERRATED BLADE KNIFE CR	1	LAME/BLADE	SUP/UPPER:117 035 INF/LOWER:117 034	
27 128* 27 200 28 107 29 058 29 060 29 061 29 336 29 339 29 340 29 341 29 501 29 695 29 696 29 697	CUTTER COMPLET COUPE LEGUMES COMPLET ENS PLAQUETTES VERROUILLAGE ENS BAGUE EPAULEE (4) ENS POUSSOIR LEGUMES ENS TIGE VERROUILLAGE ENS APPUI CUVE ENS SUPPORT MOTEUR ENS SOCLE COUVERCLE CUTTER ENS TAQUET D'ACCROCHAGE ENS GUIDE POUSSOIR ENS COUVERCLE COUPE LEGUMES ENS CUVE COUPE LEGUMES		CUTTER ATTACHEMENT VEGETABLE SLICER ATT VEGETABLE LOCKING PLATE SHOULDERED RING ASS VEGETABLE PUSHER ASS LOCKING ROD ASS BOWL SUPPORT ASS MOTOR SUPPORT ASS BASE ASS CUTTER LID CLINCH CLIP ASS PUSHER GUIDE ASS VEGETABLE LID ASS VEGETABLE SLICER BOWL		
101 418 101 845 102 021 102 071 102 073 102 099 102 690 108 515 110 308 117 029 117 030 117 031 117 072 117 100 117 101 117 102 117 107 117 320 117 528 118 324 118 376	PIED GRIS CLE COUTEAU POIGNEE POUSSOIR SUPPORT COUTEAU ECROU DE COUTEAU PLATINE DISQUE EVACUATEUR GRIS CAVALIER SERRE CABLE GOUPILLE AXE MOTEUR ENTRETOISE BASSE BAGUE INOX 15mm BAGUE PLASTIQUE 5mm POIGNEE COMMUTATEUR JOINT COUVERCLE ILS MONTE ENS APPUI SECURITE CUVE CUTTER DEMONTE COUTEAU MYLAR PROTECTION POUSSOIR CAROTTES COUVERCLE COUPE LEGUMES		GREY FOOT KNIFE KEY PUSHER HAND BLADE SUPPO BLADE LOCKIN CIRCUIT BOAR GREY SLING P POWER CORD MOTOR SHAFT LOWER SPACE ST RING 15mm PLASTIC RING COMMUTATOR LID SEAL REED SWITCH SECURITY SUF CUTTER BOWL DISSASEMBLY PROTECTION N CARROTS PUS VEGETABLE SL	RT IG NUT D LATE CLIP PIN R Smm HANDLE PPORT ASS BLADES TOOL MYLAR HER	
303 008	MOTEUR	1	MOTOR		
401 546	PLAQUE FRONTALE	/	FRONT PLATE		
501 624 501 841 502 067 502 173 502 174 502 175 502 670	BAGUE D'ETANCHEITE ENS COMMUTATEUR CABLE D'ALIMENTATION BOUTON ROUGE BOUTON VERT BOUTON NOIR JOINT TORIQUE	/ / / / /	SEAL RING COMMUTATOR POWER CORD RED KNOB GREEN KNOB BLACK KNOB SEAL	ASS	







# R 602 V.V. D

02/2000

A VARIATEUR / REDUCTOR

B CABLE D'ALIMENTATION / POWER CORD

M MOTEUR / MOTOR

RE	FERENCE	DI	ESIGNAT	<b>TION</b>	
	07.404	COUTEAU CR LISSE	,	1 4145/01 405	SUP/UPPER:117 033
	27 124*	STRAIGHT BLADE KNIFE CR	1	LAME/BLADE	INF/LOWER: 117 032
	07.105*	COUTEAU CR CRANTE	,		SUP/UPPER:117 035
С	27 125*	SERRATED BLADE KNIFE CR	1	LAME/BLADE	INF/LOWER: 117 034
	27 122	COUTEAU D LISSE	1	LAME/BLADE	SUP/UPPER:117 037
	21 122	STRAIGHT BLADE KNIFE D	,	LAWE/BLADE	INF/LOWER: 117 036
	27 123	COUTEAU D CRANTE	1	LAME/BLADE	SUP/UPPER:117 039
	27 120	SERRATED BLADE KNIFE D	,	LAWIE/BEADE	INF/LOWER: 117 038
	27 128* 27 200 28 107 29 058 29 060 29 061 29 336 29 341 29 501 29 533 29 581 29 585 29 586 29 695 29 696 29 697 101 418 101 845 102 021 102 071 102 073 102 690 110 308 117 030 117 030 117 031 117 073 117 100 117 703 117 705	CUTTER COMPLET COUPE LEGUMES COMPLET ENS PLAQUETTES VERROUILLAGE ENS BAGUE EPAULEE (4) ENS POUSSOIR LEGUMES ENS TIGE VERROUILLAGE ENS APPUI CUVE COUVERCLE CUTTER ENS TAQUET D'ACCROCHAGE ENS SUPPORT PLATINE ENS SOCLE ENS SUPPORT MOTEUR ENS ILS COUPE LEGUMES ENS ILS COUPE LEGUMES ENS GUIDE POUSSOIR ENS COUVERCLE COUPE LEGUMES ENS CUVE COUPE LEGUMES PIED GRIS CLE COUTEAU POIGNEE POUSSOIR SUPPORT COUTEAU ECROU DE COUTEAU DISQUE EVACUATEUR GRIS GOUPILLE AXE MOTEUR ENTRETOISE BASSE BAGUE INOX 15mm BAGUE PLASTIQUE 5mm POIGNEE POTENTIOMETRE JOINT COUVERCLE CLAVETTE SEPARATEUR DE FLUX		CUTTER ATTAC VEGETABLE SI VEGETABLE LO SHOULDERED VEGETABLE PO LOCKING ROD BOWL SUPPOR CUTTER LID CLINCH CLIP A PCB SUPPORT BASE ASS MOTOR SUPPOR REED SWITCH REED SWITCH PUSHER GUIDI VEGETABLE LI VEGETABLE LI VEGETABLE SI GREY FOOT KNIFE KEY PUSHER HAND BLADE SUPPO BLADE LOCKIN GREY SLING P MOTOR SHAFT LOWER SPACE ST RING 15mm PLASTIC RING POTENTIOMET LID SEAL KEY AIR FLOW SEP	CHEMENT LICER ATT DCKING PLATE RING ASS JSHER ASS ASS ASS ORT ASS VEGETABLE ASS CUTTER ASS E ASS D ASS LICER BOWL  DLE RT IG NUT LATE PIN ER 5mm ER HANDLE
	117 706 CARTE BOUTON 117 707 CUVE CUTTER 117 320 DEMONTE COUTEAU 118 324 POUSOIR CAROTTES 118 376 COUVERCLE COURSE LEGUMES		/ / /	CONTROLS PO CUTTER BOWL DISSASEMBLY CARROTS PUS VEGETABLE SI	BLADES TOOL SHER
118 376 COUVERCLE COUPE LEGUMES 401 566 PLAQUE FRONTALE 501 624 BAGUE D'ETANCHEITE 501 947 POTENTIOMETRE 502 169 BOUTON ROUGE 502 170 BOUTON VERT 502 171 BOUTON NOIR 502 670 JOINT TORIQUE			, , , ,	FRONT PLATE SEAL RING POTENTIOMET RED KNOB GREEN KNOB BLACK KNOB SEAL	



# R 602 V.V. D

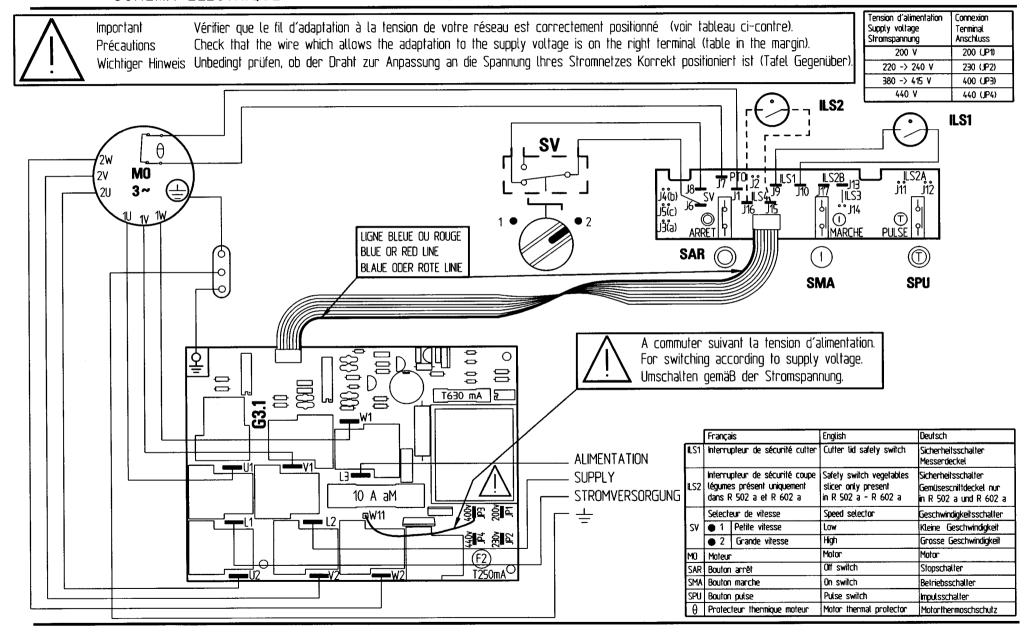
02/2000

N°	M	V	Hz	Α	В
24 301 - 2 878	303 009	230	50/60/1	117 710	503 125
24 302 - 2 879 UK	303 009	230	50/60/1	117 710	503 126
24 303 - 2 880 Aust	303 009	230	50/60/1	117 710	503 125

MAJ: 02/2000 C

SCHEMA ELECTRIQUE

**ELECTRIC DIAGRAM** 



# ELECTRIC DIAGRAM

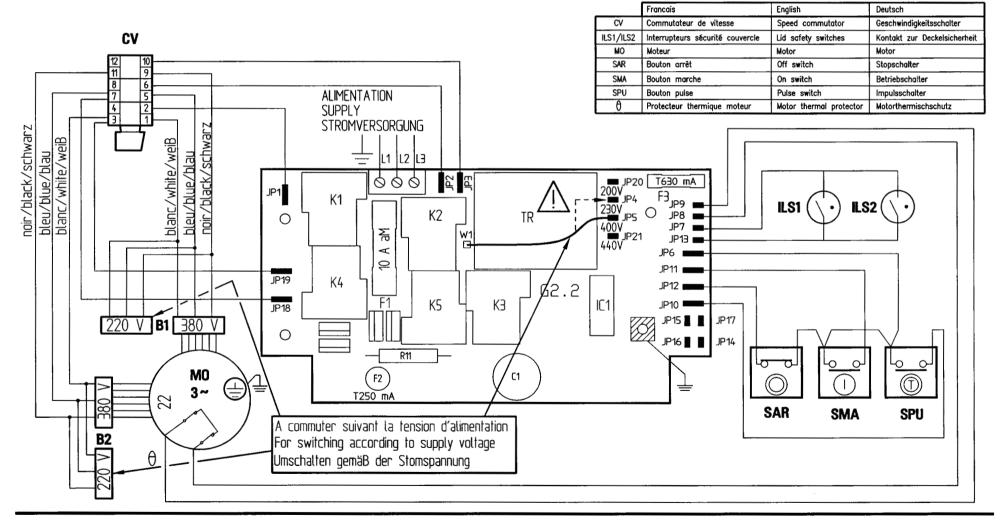
# ELEKTRISCHES SCHALTBILD



Important **Précautions** Wichtiger Hinwels

Vérifier que le fil d'adaptation à la tension de votre réseau est correctement positionné (voir tableau ci-contre). Check that the wire which allows the adaptation to the supply voltage is on the right terminal (table in the margin). Unbedingt prüfen, ob der Draht zur Anpassung an die Spannung Ihres Stromnetzes korrekt positioniert ist (Tafelgegenüber).

	Tension d'alimentation Supply voltage Stromspannung	Connexion Terminal Anschluss
ı	220 -> 240 V	230 (JP4)
	380 -> 415 V	400 (JP5)

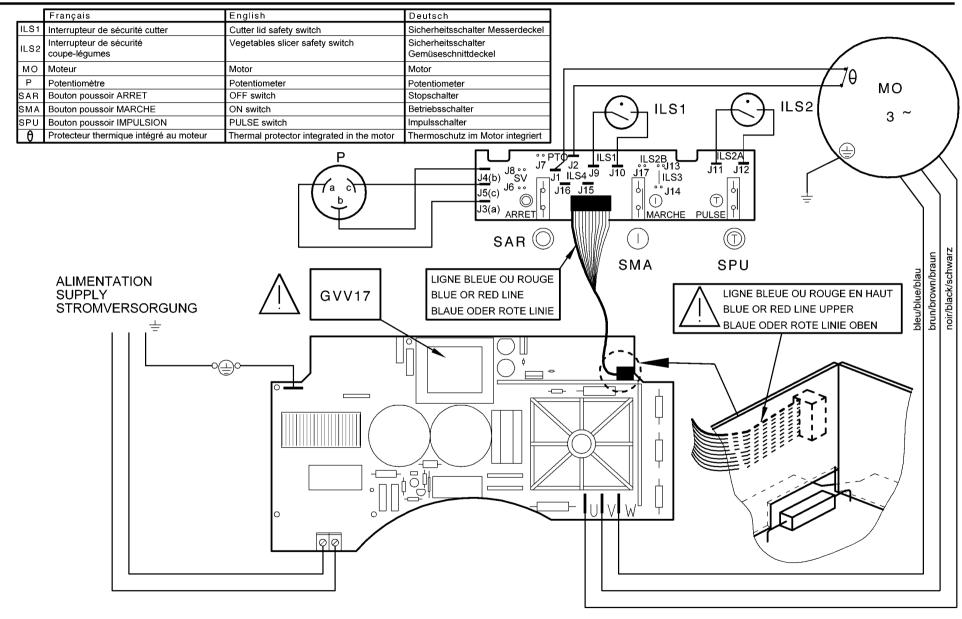


# SCHEMA ELECTRIQUE

# **ELECTRIC DIAGRAM**

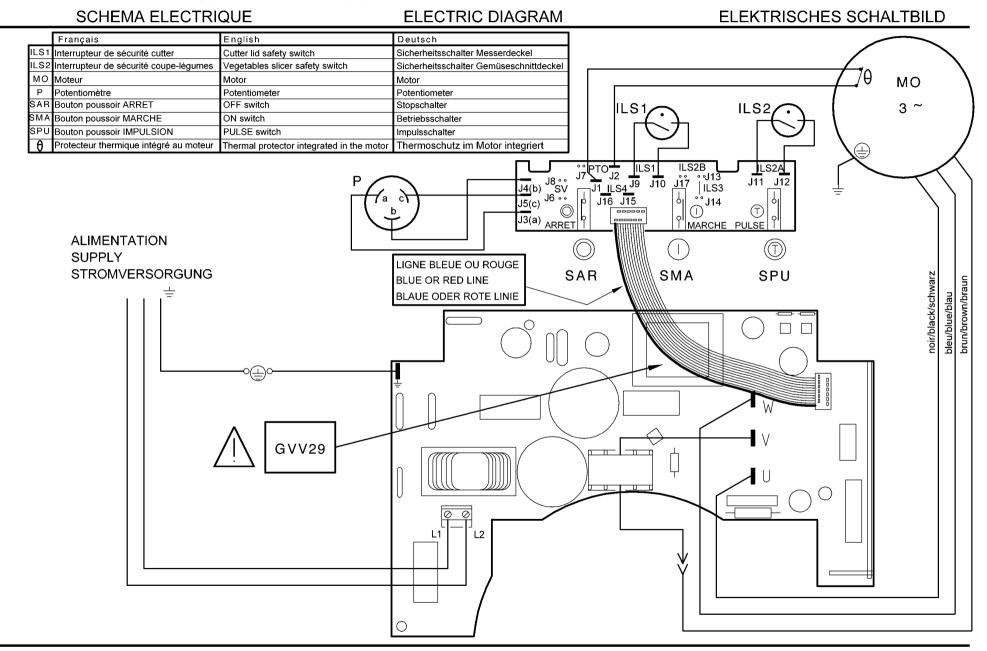
## **ELEKTRISCHES SCHALTBILD**

MAJ: 08/01



# R 502 V.V.D / R 602 V.V.D

## 200-230V/50-60Hz 1~



MAJ: 08/01



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http://www.robot-coupe.fr - email : international@robot-coupe.com