



INSTRUCTIONS MANUAL



AUTOMATIC VERTICAL SLICERS

Models:

CF / CFL



METALÚRGICA SIEMSEN LTDA.

Rua Anita Garibaldi, nº 262 – Bairro: São Luiz – CEP: 88351-410
Brusque – Santa Catarina – Brasil
Fone: +55 47 3255 2000 – Fax: +55 47 3255 2020
www.siemsen.com.br - comercial@siemsen.com.br



E-mail: at@siemsen.com.br

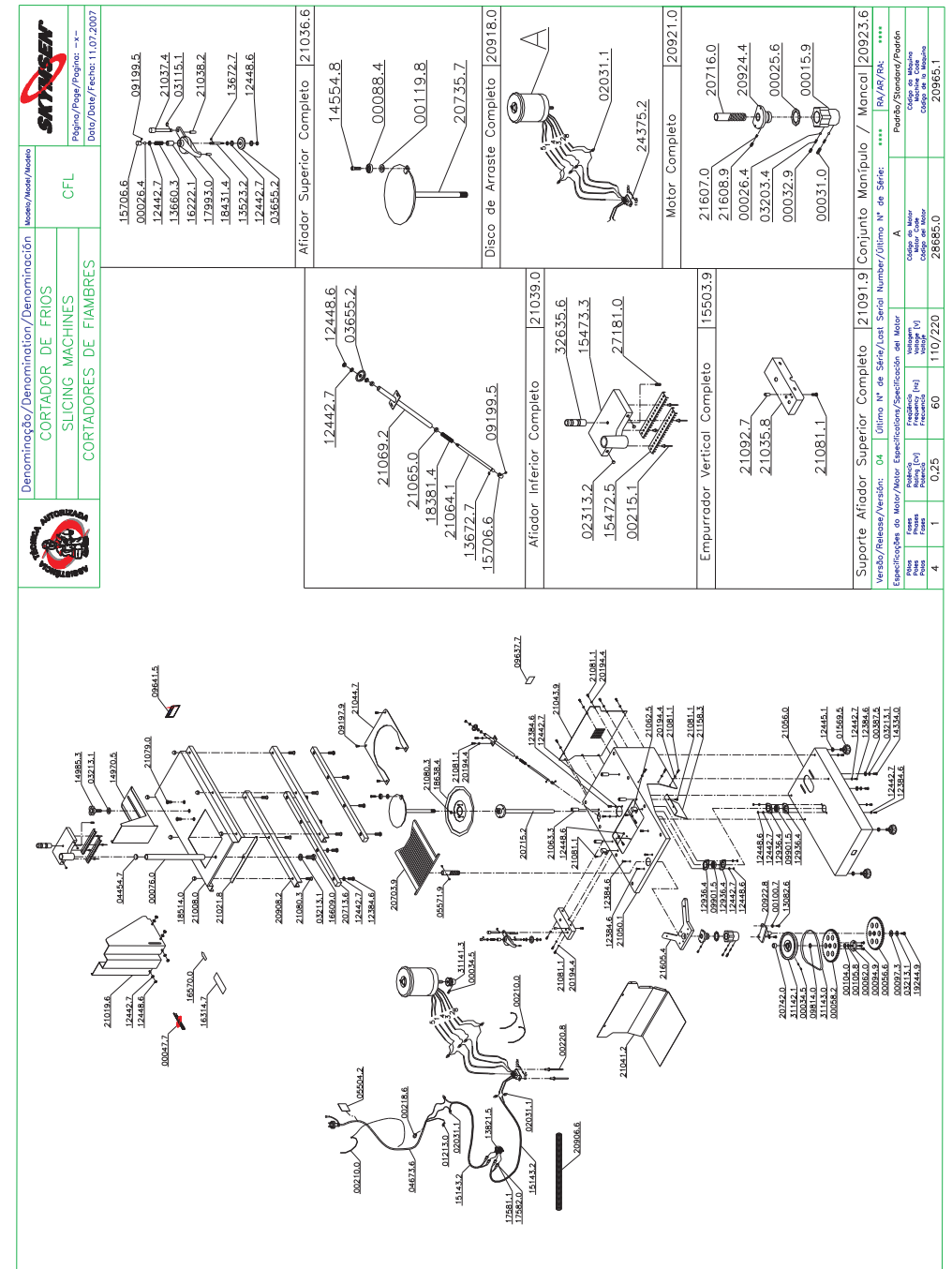
- ALÉM DESTAS MÁQUINAS, FABRICAMOS UMA LINHA COMPLETA DE EQUIPAMENTOS. CONSULTE SEU REVENDEDOR.
- ESTE PRODUTO CONTA COM ASSISTÊNCIA TÉCNICA, REPRESENTANTES E REVENDEDORES EM TODO TERRITÓRIO NACIONAL.
DEVIDO À CONSTANTE EVOLUÇÃO DOS NOSSOS PRODUTOS, AS INFORMAÇÕES AQUI CONTIDAS PODEM SER MODIFICADAS SEM AVISO PRÉVIO.

22836.2 - Agosto/2005

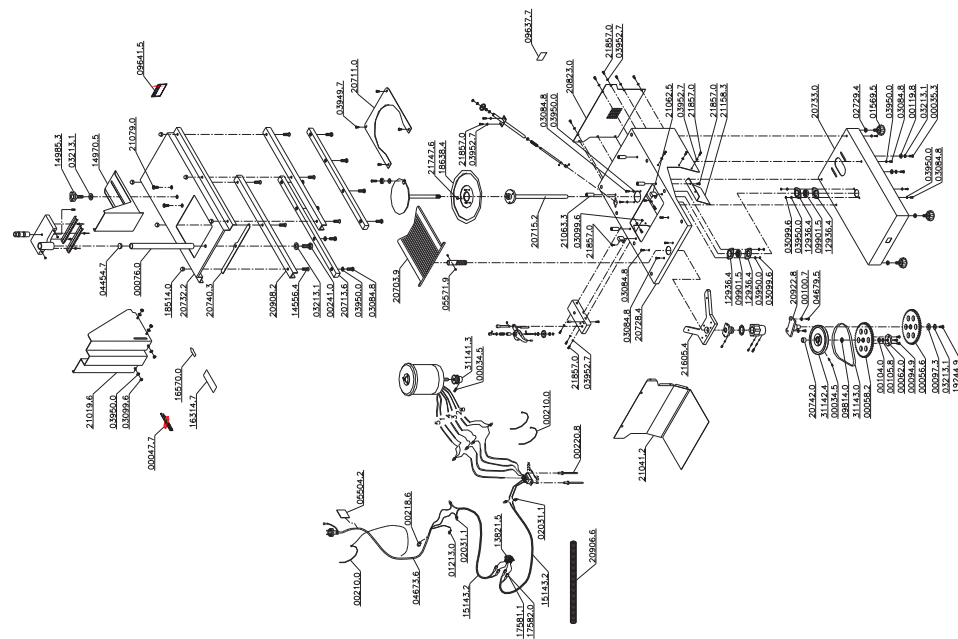
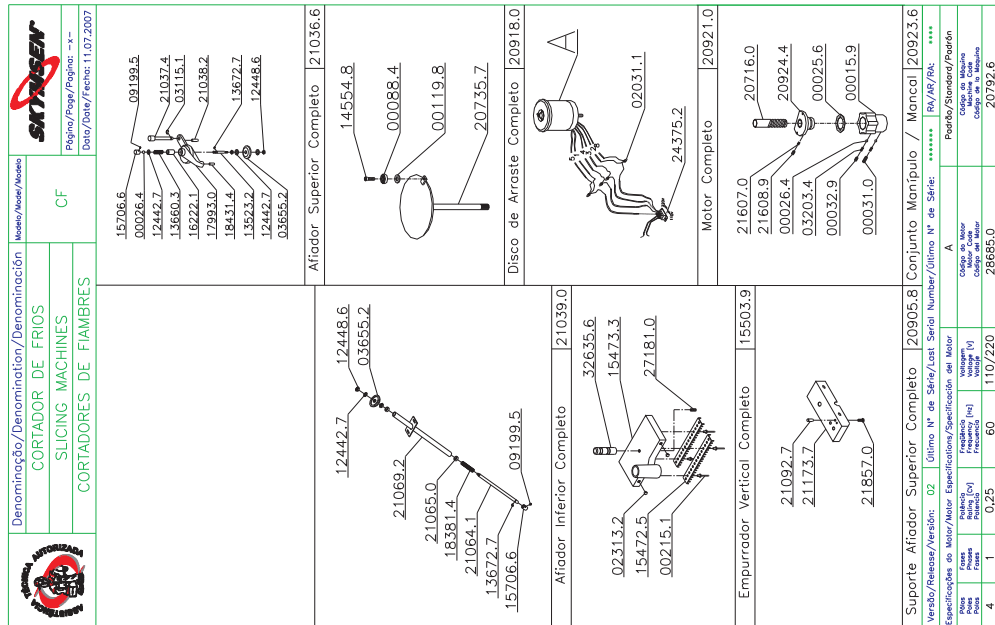
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5.6 Exploded Drawingo CFL



5.5 Exploded Drawing CF



1. Introduction

1.1 Safety

1.1.1 Unplug the machine when you need to remove any removable part during cleaning, servicing or any other operation.

1.1.2 Never make use of any tool or instrument that is not originally part of the machine during any operation.

1.1.3 Be sure that removable parts are properly installed in their correct position.

1.1.4 Never throw water directly to the machine.

1.1.5 Never use inappropriate clothes mainly long sleeves during operation.

1.1.6 Keep hands off turning parts.

1.1.7 Do not operate the machine wearing wet clothes or wet shoes.

1.1.8 Before operating the machine be sure it is grounded properly.

1.1.9 Unplug unattended machine.

1.1.10 In case of abnormal noise after reassembling the machine unplug it immediately and check the position of the parts previously removed.

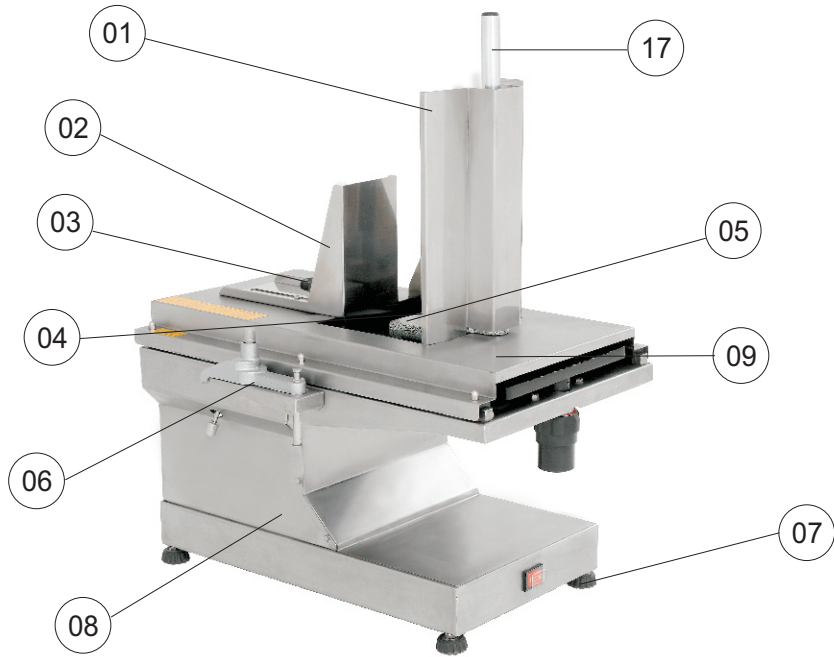
1.1.11 Take good care of this manual and have it handy for use at any time.

1.2 Main Components:

All components of this machine were designed and made to its proper function, in accordance with Skymesen experience and testing procedures.

PS: THE LUBRICATION OF THE TRACK FROM THE MOVING TASLE FOR THIS EQUIPMENT MUST BE DONE WITH LIQUID VASELINE.

Picture 01



- 01 Guard

02 Horizontal Fastener

03 Horizontal Fastener Handle

04 Vertical Pusher Handle

05 Vertical Pusher

06 Sharpener

07 Foot

08 Base
- 09 Movable Carriage

10 Grabbing Disc

11 Knife (300mm / 12" diameter)

12 Thickness Adjusting Table

13 Thickness Adjusting Knob

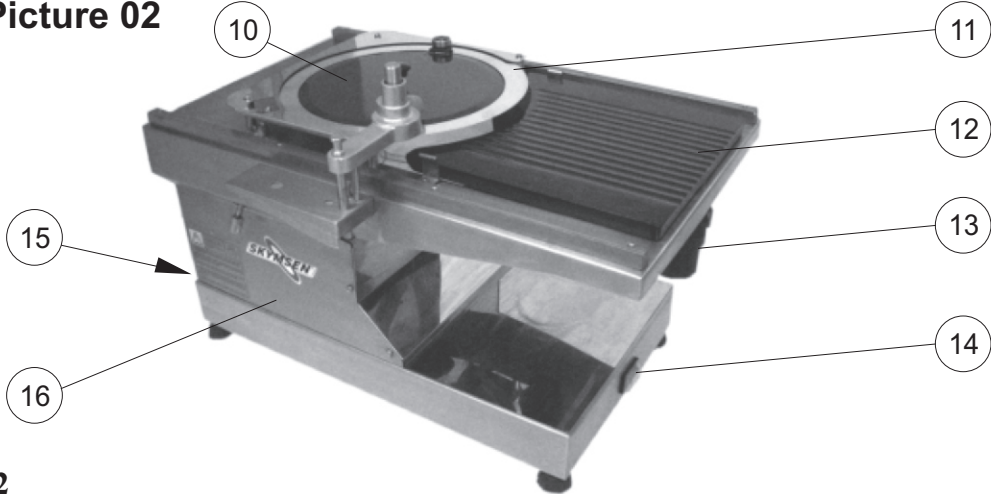
14 ON/OFF Switch

15 Voltage Selector Switch (110/220V)

16 Motor Housing

17 Vertical Pusher Guide

Picture 02



5.4 Spare Parts CFL

CÓDIGO	DESCRIÇÃO COMPONENTE	UM	CÓDIGO	DESCRIÇÃO COMPONENTE	UM
00015-9	MANIP.REG.CORTE CFMS/CFAS	PC	16314-7	ETIQ.POSICIONAMENTO CALHA	CE
00025-6	ESCALA DE CORTE CFMS/CFAS	DE	16570-	ETIQ.REFERENCIA MOTOR	CE
00026-4	ESFERA 1/4" CFMS/CFAS	CE	16609-0	PFS SEX UNC 3/8"x1" RTIn	CE
00031-0	PFS ASC UNC5/16"x5/16" F	CE	16718-8	FIO LIGACAO 0,75x250mm	PC
00032-9	PFS ASC UNC5/16"x3/8" F	CE	17581-1	TERM.POSITIV LOCK 0,5A1,5	MI
00034-5	PFS ASC UNC1/4"x3/8" F	CE	17582-0	CAPA P/TERMINAL FEMEA	MI
00047-7	LOGOTIPO SKYMSSEN 120mm	DE	17993-0	SUPORTE REBOLO SUPERIOR	PC
00056-6	ENGR.INTER.Z-64/Z-22	PC	18431-4	BATENTE DIAM 6,5X12mm FF	PC
00058-2	ENGRENAGEM CENTRAL- CFAS	PC	18514-0	PCA M6 DIN1587 DIR.LAT.NI	CE
00062-0	FLANGE DO ACOPLAM.-CFAS	PC	18638-4	DISCO CORTE LISO 300 F.32	PC
00071-0	POLIA MOVIDA - CFAS	PC	19244-9	PFS SEX UNC5/16x5/8RE RTZ	CE
00072-8	POLIA MOTORA - CFAS	PC	20194-4	ARR.L.A5,3 DIN 125 INOX	CE
00076-0	HASTE PREND.VERTICAL CFAS	PC	20703-9	MESA REGUL.DE CORTE	PC
00084-1	CORREIA Z 700	PC	20713-6	REGUA GUIA DA MESA MOVEL	PC
00088-4	ROLAMENTO 6000 DDU	PC	20715-2	MANCAL DISCO FATIADOR	PC
00094-9	PFS SEX UNC5/16x1,1/4RTZB	CE	20716-0	EIXO DO REGULADOR	PC
00097-3	ARR. BALANC.8x30x1,5mm	CE	20735-7	DISCO DE ARRASTE	PC
00100-7	ARR L 1/4"x1,6 ZB	CE	20742-0	SEPARADOR P/ENGRENAGEM	PC
00104-0	ARRUELA ENCOSTO LISA 3/4	PC	20906-6	PROTECAO CABO ELETRICO	PC
00105-8	ANEL 20x1,2 DIN 471	CE	20908-2	CANAleta DA MESA MOVEL	PC
00119-8	ARR L 5/16" ZB	CE	20918-0	DISCO DE ARRASTE COMPLETO	PC
00210-0	ABRACADEIRA K22 (T-50R)	CE	20921-0	MOTOR 0,25CV 60HZ COMPL.K	PC
00215-1	REBITE PRESSAO AD-635-S	MI	20922-8	MANCAL INTERMEDIARIO	PC
00218-6	PASSADOR FIO MOLDE 092231	PC	20923-6	CONJ.MANIPULO/MANCAL	PC
00220-8	REBITE PRESSAO AD-440-S	MI	20924-4	MANCAL REG.CORTE	PC
00221-6	MOTOR 0,25CV 60Hz K	PC	21008-0	CS MESA MÓVEL	PC
00387-5	ARR L 5/16" INOX	CE	21019-6	CS CALHA	PC
01213-0	TERM. PRE-ISOL.EF-4228	MI	21021-8	CANTONEIRA DE APOIO	PC
01307-2	CHAVE HH-201 SF1G3FS1Q	PC	21035-8	SUPORTE AFIADOR SUPERIOR	PC
01569-5	PE DE BOR.C/PARAF.M8x20mm	PC	21036-6	AFIADOR SUPERIOR COMPLETO	PC
02031-1	CAPINHA DE NYLON CN-4472	MI	21037-4	EIXO GUIA DO AFIADOR SUP.	PC
02313-2	TAMPA DE ACABAMENTO	PC	21038-2	PINO DE APOIO	PC
03115-1	ANEL 10x1 DIN 471	CE	21039-0	AFIADOR INFERIOR COMPLETO	PC
03203-4	BORR.PROT.DA ESF.CFAS/MS	PC	21041-2	CS TAMPA DIANT.GABINETE	PC
03213-1	ARR L 3/8" INOX	CE	21043-9	CS FECHAMENTO	PC
03655-2	REB.VIT.39x7x6,2-CA100-LV	PC	21044-7	PROTEÇÃO DISCO	PC
04454-7	PONTEIRA PLAS.INT.1" LISA	PC	21050-1	CS GABINETE	PC
04627-2	MANIP.RECART.M6x15mm-CRW	PC	21056-0	CS BASE - CFL	PC
04673-6	CB.3x0,75mm2C/PG90§2PRI FT	PC	21062-5	BATENTE MESA REGULADORA	PC
05504-2	ETIQ.ATENCAO 110/220/380V	PC	21063-3	ESPACADOR	PC
05571-9	PFS M6x6 DIN 916 FOSF.	CE	21064-1	EIXO REBOLO INFERIOR	PC
09197-9	PFS M5x10 DIN 84 INOX	CE	21065-0	BUCHA DE LATAO CF/CFL	PC
09199-5	PFS M3x5 DIN 963 INOX	CE	21069-2	CS SUPORT.REB.INF.C/BUCHA	PC
09534-6	TUBO TERMO ENCOL.1/4x20mm	PC	21079-0	PFS M6x10 DIN 7985 INOX	CE
09637-7	ETIQ.IDENTIF.MOTOR/RESIST	PC	21080-3	PFS M6x12 DIN 963 INOX	CE
09641-5	ETIQ.ATENCAO CUIDADO PORT	CE	21081-1	PFS M5x10 DIN 933 INOX	CE
09814-0	ARRUELA DISTANCIADORA	PC	21091-9	SUPORTE AFIADOR SUP. COMPL.	PC
09901-5	ROLAMENTO 6204 DDU	PC	21092-7	BATENTE	PC
12384-6	PFS M6x12 DIN 933 INOX	CE	21158-3	CS CHAPA LATERAL	PC
12442-7	ARR.L.A6,4 DIN 125 INOX	CE	21605-4	REFORCO FUNDIDO INF.GAB.	PC
12445-1	PCA M8 DIN 934 INOX	CE	21607-0	PINO DE LATAO 3mm	PC
12448-6	PCA M6 DIN 934 INOX	CE	21608-9	PFS ASC UNC1/4"x3/16" F	CE
12936-4	MANCAL FLANGEADO	PC	24375-2	CHAVE SELET.COMPL. 10592	PC
13082-6	PFS M6x20 DIN 933 INOX	CE	27181-0	PFS M6x25 DIN 916 FOSF.	CE
13523-2	EIXO DO REBOLO FC-350	PC	28685-0	MOTOR 0,25CV 60Hz K	PC
13660-3	MOLA DO AFIADOR FC-350	PC	31141-3	POLIA MOTORA POLY V	CE
13672-7	ANEL 4 DIN 6799	CE	31142-1	CONJ. ENG. E POLIA PLANA	PC
13821-5	CHAVE TEC.30223 M2FT2EE3G	PC	31143-0	CORREIA POLY V 07PJ 585mm	PC
14334-0	PFS SEX UNC 1/4"x1" RTIn	CE	32635-6	MANIPULO DE INOX M6	PC
14554-8	PARAFUSO FIXADOR ROLAM.	PC			
14970-5	PRENDEDOR HORIZONTAL CFAG	PC			
14985-3	MANIPULO C/HASTE M6x15mm	PC			
15143-2	FIO INTERNO 700mm	PC			
15472-5	PRENDEDOR DE CHAPA	PC			
15473-3	EMPURRADOR VERTICAL	PC			
15503-9	EMPURRADOR VERTICAL COMPL	PC			
15706-6	PROTETOR EIXO REBOLO	PC			
16222-1	BUCHA DE LATAO FC-350	PC			

5.3 Spare Parts CF

CÓDIGO	DESCRIÇÃO COMPONENTE	UM	CÓDIGO	DESCRIÇÃO COMPONENTE	UM
00015-9	MANIP.REG.CORTE CFMS/CFAS	PC	14985-3	MANIPULO C/HASTE M6x15mm	PC
00025-6	ESCALA DE CORTE CFMS/CFAS	DE	15143-2	FIO INTERNO 700mm	PC
00026-4	ESFERA 1/4" CFMS/CFAS	CE	15472-5	PRENDEDOR DE CHAPA	PC
00031-0	PFS ASC UNC5/16"x5/16" F	CE	15473-3	EMPURRADOR VERTICAL	PC
00032-9	PFS ASC UNC5/16"x3/8" F	CE	15503-9	EMPURRADOR VERTICAL COMPL	PC
00034-5	PFS ASC UNC1/4"x3/8" F	CE	15706-6	PROTETOR EIXO REBOLO	PC
00035-3	PFS SEX UNC1/4"x1" RTZB	CE	16222-1	BUCHA DE LATAO FC-350	PC
00047-7	LOGOTIPO SKYMSEN 120mm	DE	16314-7	ETIQ.POSICIONAMENTO CALHA	CE
00056-6	ENGR.INTER.Z-64/Z-22	PC	16570-0	ETIQ.REFERENCIA MOTOR	CE
00058-2	ENGRENAGEM CENTRAL- CFAS	PC	16718-8	FIO LIGACAO 0,75x250mm	PC
00062-0	FLANGE DO ACOPLAM.-CFAS	PC	17581-1	TERM.POSITIV LOCK 0,5A1,5	MI
00071-0	POLIA MOVIDA - CFAS	PC	17582-0	CAPA P/TERMINAL FEMEA	MI
00072-8	POLIA MOTORA - CFAS	PC	17993-0	SUPORTE REBOLO SUPERIOR	PC
00076-0	HASTE PREND.VERTICAL CFAS	PC	18431-4	BATENTE DIAM 6,5X12mm FF	PC
00084-1	CORREIA Z 700	PC	18514-0	PCA M6 DIN1587 DIR.LAT.NI	CE
00088-4	ROLAMENTO 6000 DDU	PC	18638-4	DISCO CORTE LISO 300 F.32	PC
00094-9	PFS SEX UNC5/16x1.1/4RTZB	CE	19244-9	PFS SEX UNC5/16x5/8RE RTZ	CE
00097-3	ARR. BALANC.8x30x1.5mm	CE	20703-9	MESA REGUL.DE CORTE	PC
00100-7	ARR L 1/4"x1,6 ZB	CE	20711-0	PROTECAO DO DISCO	PC
00104-0	ARRUELA ENCOSTO LISA 3/4	PC	20713-6	REGUA GUIA DA MESA MOVEL	PC
00105-8	ANEL 20x1,2 DIN 471	CE	20715-2	MANCAL DISCO FATIADOR	PC
00119-8	ARR L 5/16" ZB	CE	20716-0	EIXO DO REGULADOR	PC
00210-0	ABRACADEIRA K22 (T-50R)	CE	20728-4	CS GABINETE	PC
00215-1	REBITE PRESSAO AD-635-S	MI	20732-2	CS MESA MOVEL	PC
00218-6	PASSADOR FIO MOLDE 092231	PC	20733-0	CS BASE - CF	PC
00220-8	REBITE PRESSAO AD-440-S	MI	20735-7	DISCO DE ARRASTE	PC
00221-6	MOTOR 0,25CV 60Hz K	PC	20740-3	CANTONEIRA DE APOIO	PC
00241-0	PFS SEX UNC3/8"x1" RTZB	CE	20742-0	SEPARADOR P/ENGRENAGEM	PC
01213-0	TERM. PRE-ISOL.EF-4228	MI	20823-0	CHAPA FECHAM. TRASEIRO	PC
01307-2	CHAVE HH-201 SF1G3FS1Q	PC	20905-8	SUPORTE AFIADOR SUP.COMPL	PC
01569-5	PE DE BOR.C/PARA.F.M8x20mm	PC	20906-6	PROTECAO CABO ELETRICO	PC
02031-1	CAPINHA DE NYLON CN-4472	MI	20908-2	CANALETA DA MESA MOVEL	PC
02313-2	TAMPA DE ACABAMENTO	PC	20918-0	DISCO DE ARRASTE COMPLETO	PC
02729-4	PCA M8 DIN 934 ZB	CE	20921-0	MOTOR 0,25CV 60HZ COMPL.K	PC
03084-8	PFS M6x12 DIN 933 ZB	CE	20922-8	MANCAL INTERMEDIARIO	PC
03099-6	PCA M6 DIN 934 ZB	CE	20923-6	CONJ.MANIPULO/MANCAL	PC
03115-1	ANEL 10x1 DIN 471	CE	20924-4	MANCAL REG.CORTE	PC
03203-4	BORR.PROT.DA ESF.CFAS/MS	PC	21019-6	CS CALHA	PC
03213-1	ARR L 3/8" INOX	CE	21036-6	AFIADOR SUPERIOR COMPLETO	PC
03655-2	REB.VIT.39x7x6,2-CA100-LV	CE	21037-4	EIXO GUIA DO AFIADOR SUP.	PC
03949-7	PFS M5x10 DIN 84 ZB	PC	21038-2	PINO DE APOIO	PC
03950-0	ARR.L.A6,4 DIN 125 ZB	CE	21039-0	AFIADOR INFERIOR COMPLETO	PC
03952-7	ARR.L.A5,3 DIN 125 ZB	CE	21041-2	CS TAMPA DIANT.GABINETE	PC
04454-7	PONTEIRA PLAS.INT.1" LISA	PC	21062-5	BATENTE MESA REGULADORA	PC
04627-2	MANIP.RECART.M6x15mm-CRW	PC	21063-3	ESPAÇADOR	PC
04673-6	CB.3x0,75mm2C/PG90ø2PR1FT	PC	21064-1	EIXO REBOLO INFERIOR	PC
04679-5	PFS M6x20 DIN 933 ZB	CE	21065-0	BUCHA DE LATAO CF/CFL	PC
05504-2	ETIQ.ATENCAO 110/220/380V	PC	21069-2	CS SUPORT.REB.INF.C/BUCHA	PC
05571-9	PFS M6x6 DIN 916 FOSF.	CE	21079-0	PFS M6x10 DIN 7985 INOX	CE
09199-5	PFS M3x5 DIN 963 INOX	CE	21092-7	BATENTE	PC
09534-6	TUBO TERMO ENCOL.1/4x20mm	PC	21158-3	CS CHAPA LATERAL	PC
09637-7	ETIQ.IDENTIF.MOTOR/RESIST	PC	21173-7	SUPORTE AFIADOR SUPERIOR	PC
09641-5	ETIQ.ATENCAO CUIDADO PORT	CE	21605-4	REFORCO FUNDIDO INF.GAB.	PC
09814-0	ARRUELA DISTANCIADORA	PC	21607-0	PINO DE LATAO 3mm	PC
09901-5	ROLAMENTO 6204 DDU	PC	21608-9	PFS ASC UNC1/4"x3/16" F	CE
12442-7	ARR.L.A6,4 DIN 125 INOX	CE	21747-6	PFS M6x16 DIN 963 ZB	CE
12448-6	PCA M6 DIN 934 INOX	CE	21857-0	PFS M5x10 DIN 933 ZB	CE
12936-4	MANCAL FLANGEADO	PC	24375-2	CHAVE SELET.COMPL. 10592	PC
13523-2	EIXO DO REBOLO FC-350	PC	27181-0	PFS M6x25 DIN 916 FOSF.	CE
13660-3	MOLA DO AFIADOR FC-350	PC	28685-0	MOTOR 0,25CV 60Hz K	PC
13672-7	ANEL 4 DIN 6799	CE	31141-3	POLIA MOTORA POLY V	PC
13821-5	CHAVE TEC.30223 M2FT2EE3G	PC	31142-1	CONJ. ENG. E POLIA PLANA	PC
14554-8	PARAFUSO FIXADOR ROLAM.	PC	31143-0	CORREIA POLY V 07PJ 585mm	PC
14970-5	PRENDEDOR HORIZONTAL CFAG	PC	32635-6	MANIPULO DE INOX M6	PC

1.3 Technical Characteristics

Table 01

<i>Characteristics</i>	<i>Unit</i>	<i>CF</i>	<i>CFL</i>
Voltage	[V]	110/220 (**)	110/220 (**)
Frequency	[Hz]	50 or 60 (*)	50 or 60 (*)
Power Rating	[HP]	0,25	0,25
Consumption	[kW/h]	0,18	0,18
Height	[mm]	830	830
Width	[mm]	440	440
Depth	[mm]	650	650
Net / Shipping Weight	[kg]	41/55	41/55
Cut Dimension	[mm]	205x205	205x205
Knife Diameter	[mm]	300	300
Cuts per minute	[Slices]	36	36

(*) The voltage will be only one, the rated motor voltage.
(**) Ajustável através da chave seletora de tensão N°15 (Fig.02).

2. Installation

2.1 Installation

The Automatic Vertical Slicers have non-skid feet. Install them onto a leveled and stable surface, preferably approximately 850 mm above floor.
Before plugging in the machine check if power supply voltage and machine voltage are the same.
The Voltage Selector Switch N°15 (Picture 01) is located at the back of the machine.
Ground the machine properly. The plug has two pins and a grounding wire, the three of them have to be properly connected.

2.2Pre operation

Check if your Slicer is firm in its position. Before using it clean all parts that get in contact with food with a damp clean cloth. For your safety unplug the machine and take good care not to injure yourself with the Knife N°11 (Picture 02) as it has sharp edge.

3. Operation

3.1 Starting

To start the machine use the ON/OFF Switch N°14 (Picture - 02) located on the right side of the Base N°08 (Picture 01) of the machine.

3.2 Instructions on how to operate

Using the Handle N°04 (Picture 01) lift the Vertical Pusher N°05 (Picture 01), put the product in the Thickness Adjusting Table N°12 (Picture 02) just right next to the Guard N°01 (Picture 01), then rest the Vertical Pusher No. 05 (Picture 01) onto the product. Loosen the Handle N°03 (Picture 01) and slide the Horizontal Fastener N°02 (Picture 01) towards the product. Use the Thickness Adjusting Knob N°13 (Picture 02) to determine the thickness of the slice. After performing all the above steps switch ON the machine and take care with the Movable Carriage N°09 (Picture 01) movement.

3.3 Cleaning

IMPORTANT
Never do cleaning with machine plugged in, always unplug machine before cleaning.

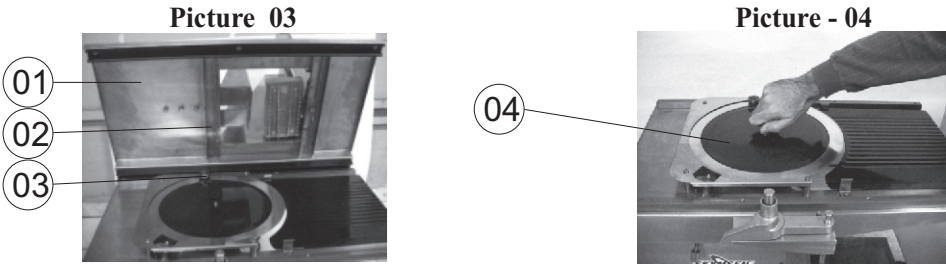
Wash all the removable parts of the machine. Find below procedures on how to remove these parts.

3.4 Removing Movable Carriage N°01 (Picture 03)

To remove the Movable Carriage N°01 (Picture 03) just lift it vertically. Observe how the Bearing N°03 (Picture 03) fits in the Guide Groove N°02 (Picture 03) when removing the Movable Carriage.

3.5 Removing Dragging Disc N°04 (Picture 04)

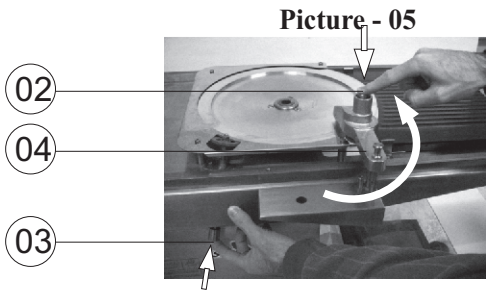
To remove the Dragging Disc use the Handle N°04 (Picture 04) screwing it on the Dragging Disc N°04 (Picture 04) and lift it.
P.S.: On reassembling the machine do not forget to take away the Handle N°04 (Picture 01).



3.6 Procedures on Sharpening Knife

After removing the Dragging Disc N°04 (Picture 04), turn the Sharpener N°02 (Picture 05) placing it in the sharpening position as shown on Picture 05. Press Button N°03 (Picture 05) for about 3 seconds. Then use Button N°04 (Picture 05) to remove burrs caused by the sharpening.

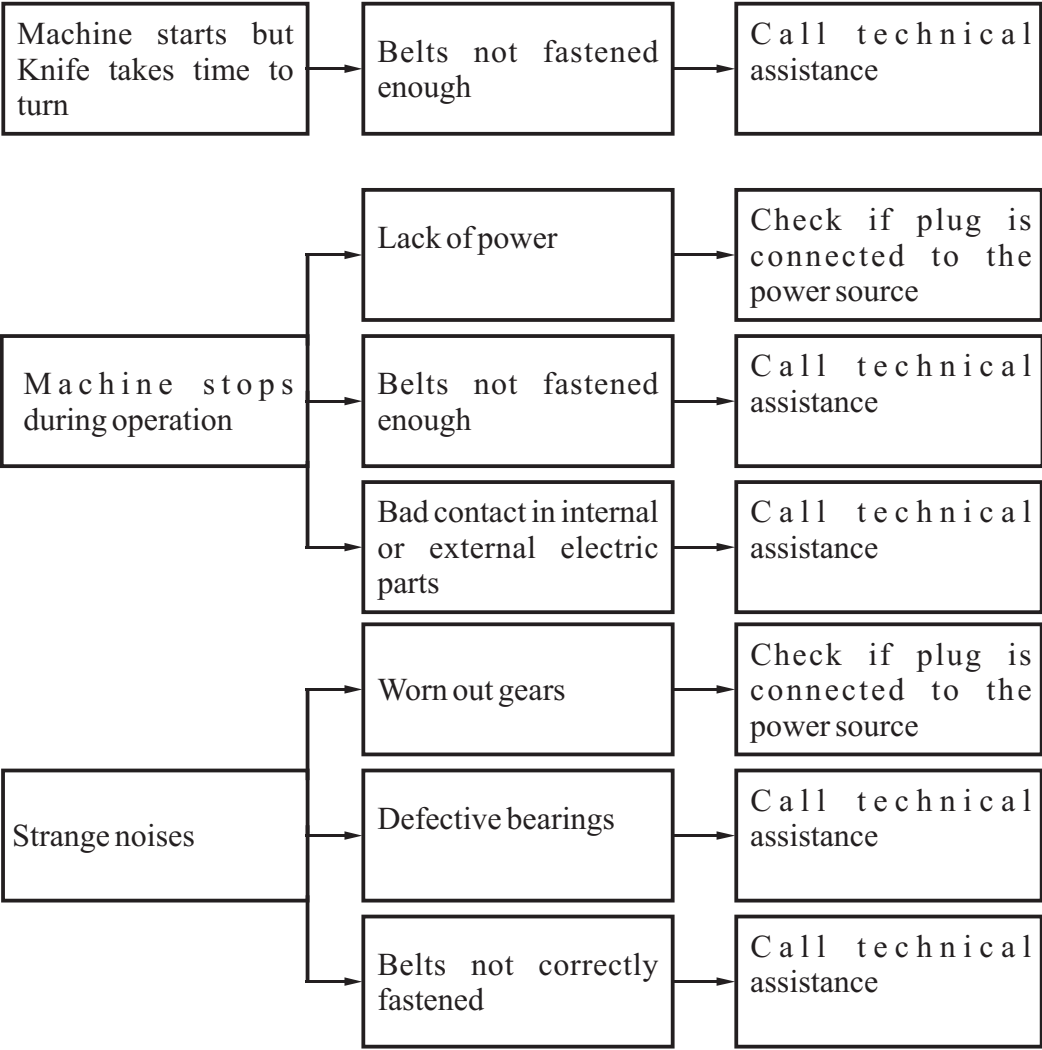
P.S.: Not obtaining the desired sharpening repeat the operation.



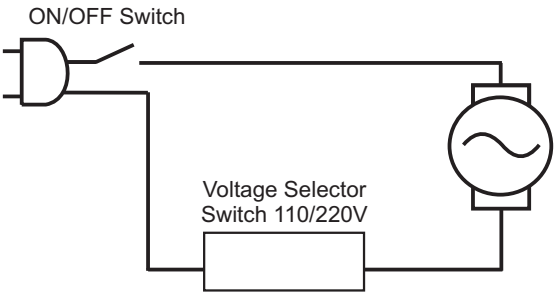
Problems

Causes

Solutions



5.2 Electrical Diagram models CF and CFL



4.5 After Finishing The Work

4.5.1 Precautions

Always **TURN THE MACHINE OFF** by removing the plug from the socket before cleaning the machine. Never clean the machine unless it has come to a complete stop. Put all components back to their functional positions before turning it **ON** again. Check level of oil. **DO NOT** place your fingers in between belts and pulleys nor chains and gears.

4.6 Maintenance

4.6.1 Danger

Any maintenance with the machine in working situation is dangerous. **TURN IT OFF BY PULLING THE PLUG OFF THE SOCKET DURING MAINTENANCE.**

4.6.2 Advice

Electrical or mechanical maintenance must be done by qualified personal for such operation. Person in charge has to be sure that the machine is under **TOTAL SAFETY** conditions when working.

5. Analysis and Problems Solving

5.1 Problem, causes and solutions

The Automatic Vertical Slicers were designed to operate with the need of minimum maintenance but the natural wearing caused by longer use of the equipment may occasionally cause some malfunctions.

If such problem occurs with your mixer refer to Table 02 in which the most common situations are listed with recommended solutions.

Problems	Causes	Solutions
Burning odor and/or smoke	Motor or other electric parts problems	Call technical assistance
Crushing the product	Burrs on the Knife	Do sharpening as per Item 3.6 (Page 05).

4. General Safety Practices

The following safety instructions are addressed to both the operator of the machine as well as the person in charge of maintenance.

The machine has to be delivered only in perfect conditions of use by the Distributor to the user. The user shall operate the machine only after being well acquainted with the safety procedures described in the present manual. **READ THIS MANUAL WITH ATTENTION.**

4.1 Basic Operation Practices

4.1.1 Dangerous parts

Some parts of the electric devices are connected to high voltage points. These parts when touched may cause severe electrical shocks or even be fatal.

Never touch commands such as buttons, switches and knobs with wet hands, wet clothes and/or shoes. By not following these instructions operator could be exposed to severe electrical shocks or even to a fatal situation.

4.1.2 Warnings

The operator has to be well familiar with the position of ON/OFF Switch to make sure the Switch is easy to be reached when necessary. Before any kind of maintenance, physically remove plug from the socket.

Provide space for a comfortable operation thus avoiding accidents.

Water or oil spilled on the floor will turn it slippery and dangerous. Make sure the floor is clean and dry.

Before giving any manual command (switch, buttons, turn keys or lever) be sure the command is the correct one. Check this manual for further details if necessary.

Never use a manual command (switch, buttons, lever) unadvisedly.

If any work is to be made by two or more persons, coordination signs will have to be given for each operation step. Every step of the operation shall be taken only if a sign has been made and responded.

4.1.3 Advices

In case of power shortage, immediately turn the machine OFF.

Use recommended or equivalent lubricants, oils or greases.

Avoid mechanical shocks as they may cause failures or malfunction.

Avoid penetration of water, dirt or dust into mechanical or electrical components of the machine.

DO NOT modify original characteristics of the machine.

DO NOT remove, tear off or maculate any labels stuck on the machine. If any label has been removed or is no longer legible, contact your nearest dealer for replacement.

READ CAREFULLY AND WITH ATTENTION THE SAFETY OR OPERATION INSTRUCTIONS LABELS DISPLAYED ON THE MACHINE, AS WELL AS THE INSTRUCTION MANUAL AND THE TECHNICAL CHARACTERISTICS WRITTEN INSIDE.

4.2 Safety Procedures and Notes Before Switching Machine ON

IMPORTANT

Carefully read ALL INSTRUCTIONS of this manual before turning the machine ON. Be sure to be familiar with the instructions and that you have well understood all information contained in this manual. If you have any question contact your supervisor or your nearest Dealer.

4.2.1 Danger

An electric cable or electric wire with damaged jacket or bad insulation could cause electrical shocks as well as electrical leak. Before use, check conditions of all wires and cables.

4.2.2 Advices

Be sure ALL INSTRUCTIONS in this manual have been thoroughly understood. Every function and operational procedure have to be very clear to the operator. Contact your nearest Dealer for further questions.

Any manual command (switch, button or lever) shall be given only after being sure it is the correct one.

4.2.3 Precautions

The electric cable has to be compatible with the power required by the machine. Cables touching the floor or close to the machine need to be protected against short circuits.

Oil reservoir has to be full up to the required level as indicated. Check level and add oil if necessary.

4.3 Routine Inspection

4.3.1 Advice

When checking the tension of the belts or chains, DO NOT introduce your fingers between the belts and the pulleys and nor between the chain and the gears.

4.3.2 Precautions

Check if motors and sliding or turning parts of the machine produce abnormal noises.

Check the tension of the belts and chains and replace the set when belt or chain show signs of being worn out.

When checking tensions of belts or chain DO NOT introduce your fingers between belts and pulleys, nor between the chains and gears.

Check protections and safety devices to make sure they are working properly.

4.4 Operation

4.4.1 Advice

Be sure your hair is not loose in order to avoid getting caught by turning parts which could lead to a serious accident. Tie your hair well up and/or cover your head with a scarf.

The operation performed by not trained or skilled personnel shall be forbidden.

Never touch turning parts with your hands or in any other way.

NEVER operate machine without all original safety devices under perfect conditions.