

ONE YEAR LIMITED WARRANTY

The original registered owner of this product should contact **SKYFOOD EQUIPMENT LLC** at 305-868-1603 for any warranty problems or service. **SKYFOOD EQUIPMENT LLC** will repair or replace parts at our option for period of one year if unit fails to perform due to defects in material or workmanship. Freight if required is at owner's expense. Warranty does not include misuse or damage due to abuse as determined by **SKYFOOD EQUIPMENT LLC** inspection. Units that are 70 lbs., or less are considered carry in and should be taken to an authorized service facility.

Please read all safety instructions.

| SERIAL# MODEL |
|---------------|
|---------------|



DETACH AND KEEP TOP PORTION

LIMITED WARRANTY REGISTRATION

| OWNERS NAME | | |
|----------------|---------|--|
| BUSINESS | | |
| ADDRESS | | |
| | | |
| MODEL # | SERIAL# | |
| PURCHASED FROM | | |

FILL OUT ABOVE INFORMATION AND MAIL OR FAX TO SKYFOOD EQUIPMENT LLC:



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by SKYWISEN*



Dough Roller - Model CMS-300/550

Instruction Manual

TOLL FREE 800 445 6601

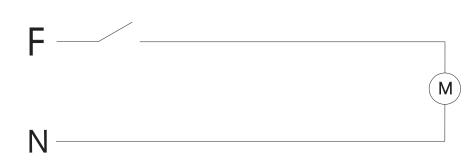
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Dough Roller - Model CMS- 300/550

Instruction Manual

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1. INTRODUCTION

1.1 Safety

When unproperly used the Dough Roller Model CMS-300/550 is a potentially DANGEROUS equipment. Never place your hand inside the upper opening through which the dough is introduced to feed the machine. Cleaning and maintenance or any other operation with the machine shall be carried out by trained personel. In order to avoid accidents follow the instructions below:

- 1.1.1 Be sure the machine is plugged off the electric network when cleaning, maintenance or any service is being made.
- 1.1.2 Never use direct water spray on the machine.

1.2 Main Components

The Dough Roller Model CMS-300/550 is a machine to be used on a bedplate or a solid table to roll different kinds of dough.

Most of the components which are part of the machine, are manufactured with high performance raw materials: stainless steel, aluminum or plastic.

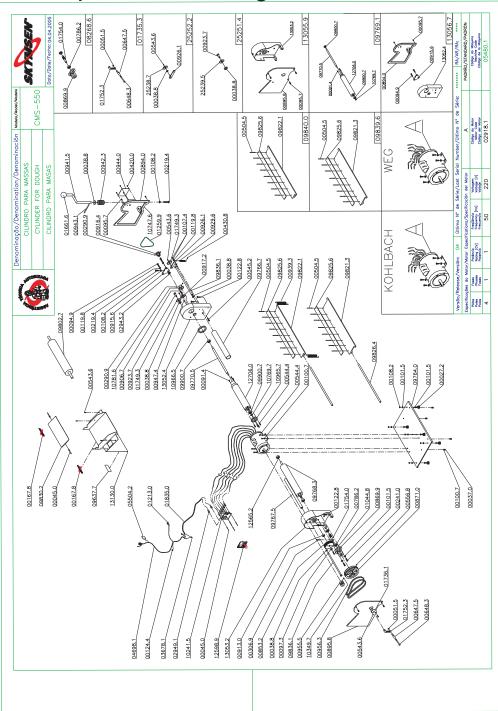


5.5 Spare Part List CMS-550

| CÓDIG | DESCRICAO DO COMPONENTE | UM | CÓDIGO | DESCRICAO DO COMPONENTE | UM |
|-------|--------------------------------|----|---------|----------------------------|----|
| 00027 | -2 PE 3/8 "x 7/8" | PC | | | |
| | | CE | 00047.4 | DINIO EIV TANADA CADO DID | PC |
| 00037 | | CE | | PINO FIX.TAMPA CARC.DIR. | PC |
| 00038 | | | | POLIA MOTORA CMS-200/300 | |
| | -O REBITE PRESSAO AD-423-S | MI | | CORREIA A 29 | PC |
| 00051 | • | CE | | PFS SEX UNC5/16x5/8 RTZB | CE |
| | -4 PFS ACC UNC 1/4"x7/8" RTF | CE | | TERM. PRE-ISOL.EF-4228 | MI |
| | -9 PFS SEX UNC5/16x1.1/4RTZB | CE | | CORRENTE CMS-200/300 | PC |
| | -7 PFS FCH UNC 1/4"x3/4" RTZB | CE | | ESFERA C/FURO 1/2" | PC |
| | -3 ARR. BALANC.8x30x1.5mm | CE | | MANIVELA REVER.COMPL.CMS | PC |
| 00100 | | CE | | TAMPA DE PROTECAO-CMS | PC |
| 00101 | | CE | | ENG.GUIA/TENS.Z-14 C/DIST | PC |
| | -4 PCA SEX UNC 5/16" ZB | CE | | CORPO DA MANIVELA-CMS | PC |
| | -2 PCA SEX UNC 3/8" ZB | CE | | PINHAO Z-12 CMS-200-300 | PC |
| 00119 | | CE | | FIO INTERNO SERRAS/CMS | PC |
| | -8 PFS SEX UNC3/8x1.1/4 RTZB | CE | | ENG.GUIA/TENSORA COMPLETA | PC |
| | -4 PASSADOR FIO MOLDE 092223 | PC | | MOTOR 1CV 50Hz | PC |
| | -8 LOGOTIPO SKYMSEN GR.ADES. | DE | | ARR L 5/8" ZB | CE |
| | -9 ROLAMENTO 6006 Z | PC | | TERM. PRE-ISOL.NA-4503 | MI |
| | -4 PFS SEX UNC3/8"x2" RTZB | CE | | CAPINHA DE NYLON CN-4478 | MI |
| | -O PFS SEX UNC3/8"x1" RTZB | CE | | CB.3x1,5mm2C/PG902PR1FTF | PC |
| | -9 PFS ASC UNC 1/4"x 1/2" F | CE | | ETIQ.ATENCAO 110/220/380V | CE |
| | -9 PINO ELAST.6x40 DIN 1481 | CE | | MANCAL PINHAO COMP.CM\$300 | PC |
| | -0 PFS FRD UNC5/32x5/16 RTZB | CE | | ENGRENAGEM GUIA COMPLETA | PC |
| | -8 PFS B.4,2x25 DIN 7971 ZB | CE | | ETIQ.IDENTIF.MOTOR/RESIST | PC |
| 00504 | -5 REBITE PRESSAO AD-650-S | MI | 09764-0 | BASE DE CHAPA CMS-550 | PC |
| 00543 | -6 PFS FRD UNC3/16"x3/8 RTZB | CE | 09766-7 | SEPARADOR INFER.CARCACAS | PC |
| 00544 | -4 PFS SEX UNC 1/4"x5/8" RTZB | CE | 09767-5 | SEPARADOR SUPER. CARCACAS | PC |
| 00545 | -2 PFS SEX UNC5/16x1.1/2RTZB | CE | 09768-3 | ROLO INFERIOR | PC |
| 00556 | -8 PFS ASC UNC5/16"x1/2" F | CE | 09769-1 | ROLO SUPERIOR | PC |
| 00647 | -5 CABO DE MADEIRA | PC | 09770-5 | EIXO EXCENTRICO | PC |
| 00648 | -3 PFS FRA UNC 1/2x5. 1/2 RPZB | CE | 09802-7 | ROLO DE MADEIRA | PC |
| | -2 ROLAMENTO 6203 | PC | | SUPORTE RASPADOR INFERIOR | PC |
| 00853 | -2 ENGR.CENTRAL Z-68 BA-30 | PC | 09822-1 | SUPORTE RASPADOR SUPERIOR | PC |
| 00869 | -9 MANCAL PINHAO BA-30/CMS | PC | 09825-6 | CHAPA RASPADOR SUP.E INF. | PC |
| 00871 | -0 POLIA MOVIDA BA-30/CMS-30 | PC | 09826-4 | HASTE SUPORTE RASP.C/ZINC | PC |
| 00894 | -0 TAMPA LAT.DIR. CMS-300 | PC | 09830-2 | CHAPA DE PROTECAO CMS-550 | PC |
| 00895 | -8 TAMPA LAT.ESQU. CMS-300 | PC | 09836-1 | PARAFUSO SEPARADOR | PC |
| 00906 | -7 PFS ACC UNC 1/4"x3/4" RTF | CE | 09839-6 | RASPADOR INFERIOR | PC |
| 00913 | -O BUCHA DA ENGREN.SUPERIOR | PC | 09840-0 | RASPADOR SUPERIOR | PC |
| 00915 | -6 BRACO DO ROLO SUPERIOR | PC | 09900-7 | ROLAMENTO 6006 DDU | PC |
| 00916 | -4 COROA CMS-200-300 | PC | 09901-5 | ROLAMENTO 6204 DDU | PC |
| 00917 | -2 ENGR.DO ROLO SUPER. Z-17 | PC | 10241-5 | CHAVE SELETORA 10A S/ADES | PC |
| 00923 | -7 PFS SEX W1/2"x50mm P/ENG. | CE | 10349-7 | POLIA COM CUBO PARA FREIO | PC |
| 00926 | -1 HASTE TENSORA CMS-200/300 | PC | | | |
| 00929 | -6 MOLA ENGRENAGEM TENSORA | PC | | | |
| 00939 | -3 MOLA DO RASPADOR | PC | | | |
| 00941 | -5 MANIVELA ACO 1/2" C/ZINC. | PC | | | |
| 00942 | -3 PARAFUSO S/FIM C/TT | PC | | | |
| 00943 | -1 PINO FIX.PARAF.S/FIM | PC | | | |
| 00944 | -O TAMPA DA CAIXA ENGRENAGEM | PC | | | |
| | | | | | |

02

5.4 Exploded Drawing CMS-550



Pic - 02



1.3 Technical Characteristics

Table -01

| Characteristics | Unit | CMS-300 | CMS-550 |
|-----------------------------|--------|---------------|---------------|
| Average production capacity | [kg/h] | Up to 400 | Up to 400 |
| Voltage | [V] | 110 or 220(*) | 110 or 220(*) |
| Frequency | [Hz] | 50 or 60 (*) | 50 or 60 (*) |
| Motor rating | [CV] | 1 | 1 |
| Consumption | [kW/h] | 0,73 | 0,73 |
| Height | [mm] | 450 | 450 |
| Width | [mm] | 540 | 790 |
| Depth | [mm] | 445 | 445 |
| Net weight | [kg] | 77 | 115,5 |
| Gross weight | [kg] | 94 | 141 |

^(*) Frequency and voltage will be in accordance with the supplied electric motor.

2. INSTALLATION AND PRE-OPERATION

2.1 Installation

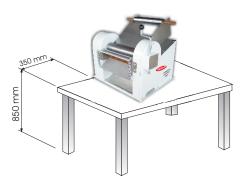
The Dough Roller must be placed on a firm working table, preferrably 850 mm high and 350 mm far from the operator.

Be sure the voltage is adequate. The electricity source shall have the same voltage as the Dough Roller electric motor .

The power cable is provided with a plug with two round pins and a grounding wire.

It is mandatory that the three points be connected before the machine is started.

Pic - 03



2.2 Pre Operation

Important Under no circumstances do the cleaning when the machine is working.

First make sure the Dow Roller is firm in its position. Clean the rolls with a dry cloth and if necessary with a plastic slice.

Pic - 04



5.3 Spare Part List CMS-300

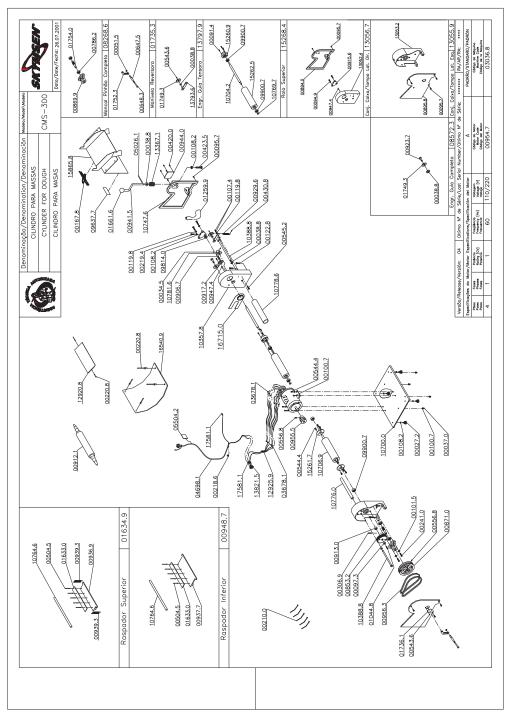
| CODIG | DESCRICAO DO COMPONENTE | UN |
|-------|---|----------------|
| | DE 2/0 II. 7/0 I | PC |
| | PE 3/8 "x 7/8" | |
| | PFS ASC UNC1/4"x3/8" F | CE |
| | PCA SEX UNC 1/4" ZB | CE |
| | ARR L 1/2" ZB REBITE PRESSAO AD-423-S | CE |
| | REBITE PRESSAO AD-423-S | MI |
| | PCA SEX W 1/2" ZB | CE |
| | PFS ACC UNC 1/4"x7/8" RTF | CE |
| | PFS SEX UNC5/16x1.1/4RTZB | CE |
| | PFS FCH UNC 1/4"x3/4" RTZB | CE |
| | PFS SEX UNC5/16"x2" RTZB | CE |
| | ARR L 1/4"x1,6 ZB | CE |
| | ARR L 1/4"x1,6 ZB ARR L 3/8" ZB | CE |
| | PASSADOR FIO 5.2-1199 | PC |
| | PCA SEX UNC 5/16" ZB | CE |
| | PCA SEX UNC 3/8" ZB | CE |
| | ARR L 5/16" ZB | CE |
| | PFS SEX UNC3/8x1.1/4 RTZB | CE |
| | CHAVE EL.CS-301B MAR-GIR. | PC |
| | | |
| | REBITE PRESSAO AD-450-S | MI |
| | LOGOTIPO SKYMSEN GR.ADES. | DE |
| | ROLAMENTO 6006 Z | PC |
| | ABRACADEIRA K22 (T-50R) | CE |
| | PASSADOR FIO MOLDE 092231 | PC |
| | PFS SEX UNC 3/8"x2" RTZB | CE |
| | REBITE PRESSAO AD-440-S | MI |
| | ROLAMENTO 6204 Z | PC |
| | PFS SEX UNC 3/8"x1" RTZB | CE |
| | PFS ASC UNC1/4"x1/2" F | CE |
| | PINO ELAST.6x40 DIN 1481 | CE |
| | CHAVE EL.14223 A1B1E3G | PC |
| | PFS FRD UNC5/32x5/16 RTZB | CE |
| | | |
| | EIXO EXCENTRICO | PC |
| | PFS SEX UNC3/8x1.1/2 RTZB | CE |
| | PFS B.4,2x25 DIN 7971 ZB | CE MI |
| | REBITE PRESSAO AD-650-S | MI |
| | PFS FRD UNC3/16"x3/8 RTZB | CE |
| | PFS SEX UNC 1/4"x5/8" RTZB | CE |
| | PFS SEX UNC5/16x1.1/2RTZB | CE |
| | PFS ASC UNC5/16"x1/2" F | CE |
| | CABO DE MADEIRA | PC |
| | PFS FRA UNC 1/2x5.1/2 RPZB | CE |
| | ROLAMENTO 6203 | PC PC |
| | ENGR.CENTRAL Z-68 BA-30 | PC |
| | MANCAL PINHAO BA-30/CMS | PC |
| | POLIA MOVIDA BA-30/CMS-30 | PC |
| | TAMPA LAT.DIR. CMS-300 | PC PC |
| | | PC |
| | TAMPA LAT.ESQU. CMS-300 | PC |
| | CARCACA ESQUERDA CMS-300 CARCACA DIREITA CMS-300 | PC PC |
| | | PC |
| | SEPARADOR SUPER.CARCACAS | PC |
| | SEPAR.INFER.DAS CARCACAS | PC |
| | ROLO INFERIOR CMS-300 | PC PC PC |
| | ROLO SUPERIOR CMS-300 | PC |
| | PFS ACC UNC1/4"x3/4" RTF | CE |
| | CHAPA DE ACABAMENTO CMS | PC |
| | ENGR.CENTRAL Z-68 CMS-300 | PC |
| | ROLO DE MADEIRA CMS-300 | PC |
| | BUCHA DA ENGREN.SUPERIOR | PC PC |
| | BRACO DO ROLO SUPERIOR | PC: |
| | COROA CMS-200-300 | PC |
| | ENGR.DO ROLO SUPER. Z-17 | PC PC PC |
| | ENGREN.GUIA/TENSORA Z-14 | PC |
| | PFS SEX W1/2"x50mm P/ENG. | CE |
| | HASTE TENSORA CMS-200/300 | PC |
| | | PC PC |
| | DISTANC.ENGR.GUIA/TENSORA | PC |
| | MOLA ENGRENAGEM TENSORA | rc nc |
| | BASE CMS-300 PINTADA | PC |
| | PFS SEX UNC 1/4x1.1/2 RTZB | CE |
| | SUPORTE RASPADOR SUPERIOR | PC PC |
| | SUPORTE RASPADOR INFERIOR | PC |
| | HASTE DOS SUPRASP.C/ZINC | PC PC |
| | MOLA DO RASPADOR | PC |
| | RASPADOR INFERIOR | PC PC |
| | MANIVELA ACO 1/2" C/ZINC. | PC |
| | PARAFUSO S/FIM C/TT | PC |
| | DINIO FIV DADAE O/FINA | PC |
| | TAMPA DA CAIXA ENGRENAGEM | PC PC PC |
| | PFS FRD UNC5/32"x1/4 RTZB | CE |
| | 3.103/32 81/4 1/120 | 02 |

| CODIGO | DESCRICAO DO COMPONENTE | UIVI |
|--------------------|--|----------|
| 00947-4 | PINO FIX.TAMPA CARC.DIR. | PC |
| 00948-2 | GABINETE CMS-300 | PC |
| 00954-7 | GABINETE CMS-300 MOTOR 1CV 60Hz | PC |
| | POLIA MOTORA CMS-200/300 | PC |
| 00956-3 | CORREIA A 29 | PC |
| 00957-1 | CALHA CMS-300 SUPORTE ESQUERDO DA CALHA SUPORTE DIREITO DA CALHA | PC |
| 00959-8 | SUPORTE ESQUERDO DA CALHA | PC |
| 00960-1 | SUPORTE DIREITO DA CALHA | PC |
| 01044-8 | PFS SEX UNC5/16x5/8 RTZB | CE |
| 01213-0 | TERM. PRE-ISOL.EF-4228 | MI |
| | CORRENTE CMS-200/300 | PC |
| 01633-0 | CHAPA RASPADOR CMS/CMF300 | PC |
| 01634-9 | RASPADOR SUPERIOR CMS-300 | PC |
| 01661-6 | ESFERA C/FURO 1/2" | PC |
| 01735-3 | MANIVELA REVER.COMPL.CMS TAMPA DE PROTECAO-CMS | PC |
| | CHAPA DE PROTECAO-CIVIS | PC PC |
| 01743-4 | ENG.GUIA/TENS.Z-14 C/DIST | PC |
| | ENGR.ROLO INF.Z-17 C/DIST | PC |
| | CORPO DA MANIVELA-CMS | PC |
| 01756-6 | SUPORTE DA MANIVEI A-CMS | PC |
| 01735-0 | SUPORTE DA MANIVELA-CMS FIO INTERNO SERRAS/CMS ETIQ.ON/OFF P/CH.ALAV.MET CAPINHA DE NYLON CN-4472 | PC |
| 01844-9 | ETIQ.ON/OFF P/CH.ALAV.MET | DE |
| 02031-1 | CAPINHA DE NYLON CN-4472 | MI |
| 02216-0 | ENG.GUIA/TENSORA COMPLETA | PC |
| 02734-0 | CHAPA RASPAD.RECORTCMS | PC |
| 02943-2 | ARR L 5/8" ZB | CE |
| 02946-7 | PARAFUSO SEPARADOR-CMS | PC |
| | TERM. ELET. 165019 6mm | MI |
| 03678-1 | CAPINHA DE NYLON CN-4478 | MI |
| 04287-0 | CB.3x1,5mm2 C/PLUG/TERM. | PC |
| 04698-1 | CB.3x1,5mm2C/PG90 2PR1FTF | PC |
| | ETIQ.ATENCAO 110/220/380V | CE |
| 08268-6 | MANCAL PINHAO COMP.CMS300 | PC |
| 08459-0 | CONJ.CARC./TAMPA LAT.DIR. | PC |
| 08460-3 | CONJ.CARC./TAMPA LAT.ESQ. | PC |
| 08572-3 | ENGRENAGEM GUIA COMPLETA ETIQ.IDENTIF.MOTOR/RESIST | PC PC |
| 09037-7 | TEDM DDE ISOL ET 40E0(C) | MI |
| 09000-1 | TERM. PRE-ISOL.ET-4259(C) ARRUELA DISTANCIADORA | PC |
| 09014-0 | ROLAMENTO 6006 DDU | PC |
| | ROLAMENTO 6204 DDU | PC |
| 10242-3 | CHAVE SELETORA 24A S/ADES | PC |
| 10700-0 | BASE DE CHAPA COMPLETA | PC |
| 10706-9 | ROLO INFERIOR CMF/CMS-300 | PC PC |
| | FLANGE DO ROLO SUPERIOR | PC |
| | CALHA | PC |
| 10756-5 | ROLO SUPERIOR CMS/CMF-300 | PC |
| 10764-6 | HASTE SUP.RASPADOR ZINC. | PC |
| 10767-0 | GABINETE | PC |
| 10769-7 | ANEL 30x1,5 DIN 471 | CE |
| 10776-0 | GABINETE ANEL 30x1,5 DIN 471 SEPARADOR SUPER.DAS CARC. SEPARADOR INFER.DAS CARC. TUBO ROLO SUPER. C/FLANGE | PC |
| 10778-6 | SEPARADOR INFER.DAS CARC. | PC |
| 10779-4 | TUBO ROLO SUPER. C/FLANGE | PC |
| | ENGR.ROLO INF.Z-17 C/DIST | PC |
| | ADES.CHAVE 24A 60Hz-B SKY | PC |
| | ROLAMENTO 6204 RS1 DIN625 CHAPA PROTECAO CMS-300 | PC PC |
| | | PC |
| | CHAVE SELETORA COMPLETA CONJ.CARC./TAMPA LAT.ESQ. | PC |
| 13056-7 | CONJ.CARC./TAMPA LAT.DIR. | PC |
| | CONJ. CALHA/GABINETE | PC |
| | ENG.GUIA/TENSORA COMPLETA | PC |
| | CHAVE TECL.30223 M2FT2E3Q | PC |
| | ANEL DO ROLO INFERIOR | PC |
| 15268-4 | ROLO SUPERIOR CMS/CMF-300 | PC |
| 15599-3 | ROLO SUPERIOR CMS/CMF-300 PFS B.3,5x9,5 DIN 7971 In | CE |
| 15695-7 | CHAPA DE RETENCAO | PC |
| | CONJ. CALHA/GABINETE 60HZ | PC |
| | GABINETE 60HZ | PC |
| | PROTECAO DO MOTOR | PC |
| | CHAPA ACABAM. COMPLETA | PC |
| | TERM.POSITIV LOCK 0,5A1,5 | MI |
| | CAPA P/TERMINAL FEMEA CONJ. CALHA/GABINETE | MI PC |
| | ENCOSTO DIREITO CMF-300 | PC PC |
| 18322-9 18323-7 | ENCOSTO ESQUERDO CMF-300 | PC |
| | CHAPA PROTECAO CMS-300 | PC |
| 22017-U | 3.11.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1. | 10 |

CODIGO DESCRICAO DO COMPONENTE

04

5.2 Exploded Drawing CMS-300

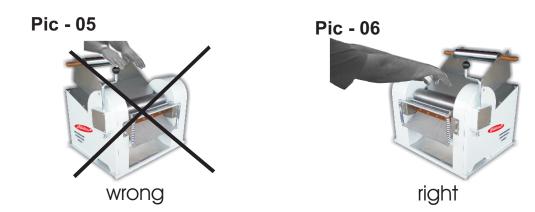


2.3 Feeding Procedures

Important

Under no circumstances use your hands to directly put or remove any portion of dough in between the cylinders.

To feed the Dough Roller the product to be processed has to be placed on the receiving tray leading the dough until it is pulled by the rollers. Make sure the hands are away from the rollers.



- 3. NORMAL OPERATION
- 3.1 Switching On

Important

Wait until the rollers come to a complete stop. The machine operates in silence. Do not place any objects such as knives, spoons or other when the machine is not in operation.

To start the machine press the button of the ON/OFF switch, on the upper side of the machine .

05

12

3.2 Setting the thickness of the dough

In order to determine the thickness of the dough, turn the thickness control handle according to the desired measure.

Pic - 07



3.3 Cleaning

Important

Never do any cleaning when machine is plugged to the electrical network. To do the cleaning unplug it . Be sure the rollers are completely motionless.

For cleaning turn the machine off, unplug it from the electrical network. All parts that were touched by dough will have to be cleaned.

- 3.3.1 Clean all parts that have contact with the dough with a dry cloth.
- 3.3.2 Never use objects such as knives, forks and other cutting or punching tools to remove dough that is stuck in between the rollers. Use a plastic slice for cleaning or removing dough.

4.8 Warnings

The electrical and mechanical maintenance has to be performed by skilled personnel. The person in charge has to be sure that the machine is under perfect working and safe conditions before it is switched on.

5. PROBLEMS ANALYSIS AND SOLUTIONS

5.1 Problems, causes and solutions

The CMS -300 Dough Roller was designed to need minimum maintenance however some performance failures may occur due to operational wearing.

Please refer to Table- 02 below in which the main possible problem/solution situations are described.

Besides the Company is ready to assist you through your Dealers as well as the Company Technical Assistance network.

Table - 02

| *The laminated product got stuck in between the rollers | = 0.00 9 | * Call technical assistance |
|---|-------------------------------------|--|
| * Rollers stop during operation | 0.70 | *Check if machine is plugged in outlet |
| | *Cord or outlet with bad contact | * Call technical assistance |
| | *No power | *Check if cord is in perfect conditions, check the pins of the plug |

4.5 After work is done

4.5.1 Always clean the machine after the operation. UNPLUG THE MACHINE FROM THE OUTLET.

Never clean the machine unless the rollers have come to a COMPLETE STOP.

Replace all parts on its proper position before turning it on again.

Check level of oil.

When checking the tension of the rubber belt(s) and chain(s) never INTRODUCE your fingers between the belt(s) and the pulleys, neither between the (chain(s) and the gears.

4.6 Maintenace Procedure

Any maintenance operation is dangerous when the machine is on. TURN IT OFF BY UNPLUGING THE MACHINE FROM THE OUTLET.

4.7 EMERGENCY - How to proceed

In case of EMERGENCY turn the machine off IMMEDIATELY by pressing on the on/off switch on the upper part of the machine. The rollers will stop right away. Then you turn the thickness control handle to its maximum width thus allowing a wider distance between the rollers.

IMPORTANT

Immediately unplug the machine from the outlet in case of emergency. Never turn the machine on when the reversion handle is fixed in the pinion.

Important

After the machine has been used be sure it is turned off and scatter a thin layer of margarine or fat, both saltless, on the rollers to keep them from rusting.

4. GENERAL SAFETY RULES

General Safety Rules were developed to more adequately clarify and instruct operators and maintenance personel.

The machine has to be handed over to the operator in good working conditions. Also the operator has to be properly instructed concerning the use and safety of the machine by the Dealer. The operator should not use the machine before getting fully familiar with the whole contents of this Instruction Manual.

4.1 Basic Operational Practice

4.1.1 CAUTION

Some parts are connected to electricity and may cause fatality when touched due to high voltage.

Never touch buttons, switches and keys with wet hands, shoes or clothes. Such recommendation not being followed may cause electric shocks and even fatality.

4.1.2 Warning

It is important to know exactly the place where the on/off switch is installed on the machine without having to search for it in case of emergency.

Before any maintenance procedure, be sure the machine is plugged off the network.

A safe and large working area shall be provided to avoid dangerous falls .

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

Before turning on any switch (buttons, keys and switches) be sure the operation is correct. Check this manual if any doubt arises.

Never touch or give any manual command at random.

If the operation is performed by more than one operator be sure that signs of communication are clear and well understood. A following operation can procede only when the sign between operators was made and understood.

4.1.3 General

Immediately turn the machine off in case of electrical power failure.

Use only recommended oil lubs and grease or equivalent.

Avoid mechanical shocks which may affect the good performance of the machine.

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

Do not change original characteristics of the machine.

Preserve all warning and identification signs. Do not remove any and make sure the stickers are clean and clear. Contact your nearest Technical Assistant if any has been removed or torn.

4.2 Care and observations before switching on the Dough Roller

Important

Read carefully and with attention all the contents of this Manual before turning the machine on. Be sure all instructions were well understood. If any doubts arise contact your next responsible person, or contact the Dealer.

Damaged electrical wire or cable may cause leakage and electrical shocks. Be sure to check the conditions of the wiring.

4.2.2 Warning

Be sure that the contents of this manual are all well and fully understood. Every operational function or proceeding has to be clear.

The operator has to be well aware of the functions of each key or button that is being touched. The operator has to know which is the right command to be started.

The electrical cable in use has to be adequate to hold the power of the motor

Electrical cord on the floor or near the machine must be protected, to avoid short circuits.

Oil reservoirs have to be on their adequate level. Check and add oil when necessary.

4.3 Routine Inspection

When checking the tension of the rubber belt(s) DO NOT put your fingers between the belts and neither between the gears.

Check if motor(s), sliding and turning parts are producing abnormal noises.

Check tension of rubber belt(s) and chain(s), and change the whole set if any belt or chain is worn out.

DO NOT introduce your fingers between the belt(s) and the pully (ies), neither between the chain(s) and the gear (s).

4.4 Operation

Do not work with loose long hair, that could get caught by parts of the machine and thus cause serious accidents. Tight the hair behind and above the head, or cover them with a scarf.

Only qualified and well trained operators may operate the machine.

NEVER operate the machine without all original safety devices in perfect conditions.