



**SUSTAINABLE MACHINES,
DELICIOUS OUTCOMES**

USER MANUAL

SWEET BALL MAKING MACHINE

**RASGULLA AND GULAAB JAMAN
MAKING MACHINE**
PRO MODEL - RG PRO

www.medatechindustries.com

MADE IN PAKISTAN

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1.0 GENERAL INFORMATION

RASGULLA AND GULAAB JAMAN MAKING MACHINE

SWEET BALL MAKING MACHINE

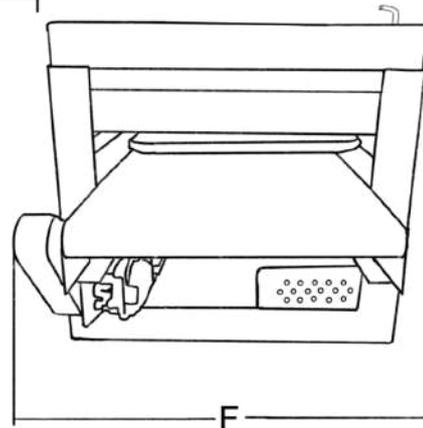
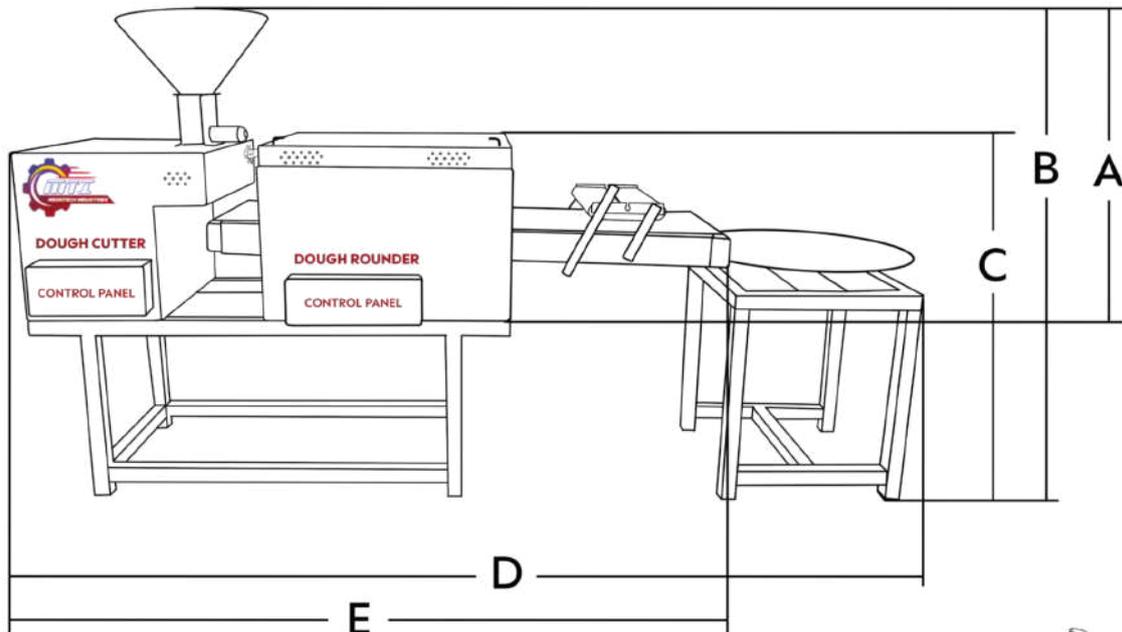
Model: BASE MODEL - RG PRO

DESCRIPTION: Machinery used for dividing and making equal sections and rounding the dough of rasgulla and gulaab jaman. A fully Automatic single-phase stainless-steel machine with a stainless-steel stand. All the motors included in this machine are of high quality and are durable as well as reliable with long life. This machine is shipped worldwide. The main objective of this machine is to divide dough that is used in making Rasgulla and Gulaab Jaman, and process them into perfectly round balls without the use of hand for later frying. You just put the mixture into the hopper and the machine takes care of the rest.



RG 1 - Rasgulla and Gulaab Jaman Rounder Machine - Base Model

2.0 PRODUCT DETAILS



Model: RG Pro

Motors: AC and DC Motors

Power Input: 220 Volts

HS- Code: 8438.2000

Net Weight: 120 kg

Packing For Shipping: 62 x 26 x 28 inches , 25 kg

Gross Weight: 145 kg

A: 33 inches

B: 48 inches

C: 34 inches

D: 90 inches

E: 82 inches

F: 18 inches

3.0 SPECIFICATIONS

- ❖ High Tech Machine designed for rounding balls of Rasgulla and Gulaab Jaman Dough
- ❖ Extraordinary compact design reduces the footprint of the machine
- ❖ Large capacity hopper for containing bulk material all at once for processing
- ❖ Easily removable hopper for cleaning.
- ❖ Extremely easy to clean thanks to the perfect flatness of the support product plan made on AISI 304 stainless steel 2 mm thick
- ❖ Automatic cleaning of the conveyor through scrapers
- ❖ Adjustable and Variable sized hopper outlets for catering a large number of • sizes of sweet balls
- ❖ Practical and intuitive control panel for speed controlling all the functionalities of the machine
- ❖ Adjustable conveyor
- ❖ Dedicated programme for rounding of sweet balls precisely
- ❖ Dedicated programme for cutting sweet balls of all sizes
- ❖ Adjustable conveyor height for precise rounding of all dough sizes
- ❖ Additional Flattener given on conveyor to flatten sweet balls if required
- ❖ Rotating collection dishes at the end for easy collection of the product
- ❖ Fuse and emergency switch given for safety
- ❖ 1-year warranty of all components

4.0 PRODUCT CATALOG

Following is the product catalog labelled for clarification;



SIDE VIEW



SIDE VIEW



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COLLECTING DISH

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COLLECTING DISH



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SIDE VIEW



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HOPPER

TOP VIEW

HOPPER



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DOUGH CUTTER

DOUGH CUTTER



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BACK SIDE VIEW



DOUGH ROUNDER

MEDATECH INDUSTRIES

DOUGH ROUNDER

5.0 FEATURES AND FUNCTIONS

5.1 ROUNDING CAPABILITIES:

Sweet Ball Making Machine is a model with diverse and very useful capabilities. One of its main features is its Rounding capabilities. It can round all kinds of Rasgulla and Gulaab Jaman Dough with ease and excellence. This diverse range makes this machine unique and trustworthy and adds more value to this product. All you are required to do is to put your mixture, into the hopper of the machine and the machine will take care of the rest and provide you with well-rounded and Divided Balls of Dough you require.

5.2 ECONOMICAL:

This Machine is a highly economical machine, meaning that it requires very less amount of electricity to run on compared to other machinery in your food factory.

5.3 100% STAINLESS:

The product plan is made on AISI 304 stainless steel 2 mm thick and it is made with a one hundred percent stainless steel body and fittings for it to be reliable and durable. This makes the machine full stainless thoroughly and throughout its lifetime it does not rust and remains durable, reliable and extremely easy to clean.

5.4 COMPACT DESIGN:

This model is made with a design that is highly compact and smart so it can fit easily in your food factory and this design is user friendly and easy to carry around in case the machine needs to be moved.

5.5 SPEED CONTROLLING:

It is controlled by the help four speed control dimmers. This feature gives all the controls of the machine in the hand of the user. With the help of this feature, you can control what size of the product you the machine to round and what amount of pieces per minute you desire from the machine. All of these are in your control through the speed control option.

6.0 INSTALLATION GUIDE

6.1 INSTALLATION OF HOPPER

Fix the hopper on top of the machine where four bolts are placed and fix the butterfly nuts onto the bolts for fixing of the hopper

6.2 INSTALLATION OF WORM

Insert the worm in Hopper and rotate it clockwise to lock it.

6.3 INSTALLATION OF BUSH

Insert the compatible bush of your requirement from the accessory box into the hopper's pipe and rotate the Bush Clockwise to tighten it and lock it.

6.4 INSTALLATION OF COLLECTING DISH

Place the collecting dish stand in the motor shaft that is present in front of the conveyor and fixed on the machine's stand. Rotate and screw the collecting dish stand until its tightly fixed on the stand. Now place the collecting dish on the stand and you're good to go.



COLLECTING DISH



HOPPER

7.0 OPERATION MANUAL

7.1 ***Dimmer 1: (Conveyor)***

This dimmer is responsible for the regulation of the speed of the conveyor. This dimmer should be set to 100% speed.

7.2 ***Dimmer 2: (Worm)***

This dimmer is responsible for the regulation of the speed of the worm. This dimmer is set according to your size needs. By increasing its speed, the size of the product also increases and vice versa.

7.3 ***Dimmer 3: (Rounder)***

This Dimmer is responsible for the regulation of the speed of the dough rounder. It should be set at a speed where it rounds your required size of dough piece precisely. By increasing and decreasing its speed you can calibrate it to your required size.

7.4 ***Dimmer 4: (Cutter)***

This Dimmer is responsible for the regulation of the speed of the cutter. It should be set at a speed where it cuts at least one piece per second. By increasing its speed, the size of the product also decreases and vice versa.

7.5 ***Dimmer 5: (Dish)***

This Dimmer is responsible for the regulation of the speed of Collection Dish that collects the Gulaab Jaman and Rasgulla.

8.0 SAFETY GUIDELINES AND PRECAUTIONS

Guidelines and precautions for running this machine safely are mentioned below, following them would be necessary if you want a to work safely and effectively with this machine:

- ❖ Do not change the cutter if the machine is running.
- ❖ Do not change the bush of the hopper if the machine is running.
- ❖ For Extra safety, the machine has a built-in fuse that goes off in the case of a short circuit or any electrical emergency.
- ❖ The machine has an emergency switch that can be used in the case of hazard.
- ❖ Do not remove the worm from the hopper if the machine is running.
- ❖ Make sure to check if the machine is plugged out before cleaning the machine so you are safe from any kind of electrical damage.
- ❖ Do not put your hand to check the Hopper's exit/entry if the machine is running.
- ❖ You should only touch and control the dimmers that are present at the side of the machine to control the machine and nothing else when the machine is in running state.

9.0 TROUBLESHOOTING SECTION/TECHNICAL INSTRUCTIONS

Instructions about troubleshooting and technical instructions about this machine are given below:

- In case of power overload or power failure from backend, the machine may stop working, that is because of the safety code of the machine to prevent any kind of electrical hazard. To fix this, please change the fuse that is located on the back of the dimmer panel, on the rear end of the machine.
- If the conveyor is not centred on the conveyor plate, you are required to adjust the nuts that are located on the either side of the conveyor belt on a bolt with the help of a wrench or key.
- If the machine isn't cutting properly, please adjust the cutter's position from the bolt located at the bottom of the cutter holder, as so that the cutting wire touches the Teflon bush with a slight kiss when it passes it to get the best results.

ABOUT US

Our Company

We are based in Faisalabad which is one of biggest industrial cities in Pakistan. Our focus is particularly on the advancement of food machinery related to sweets and bakery department. Our company is responsible for major advancements in the industry of sweets here in Pakistan and internationally. Our products are delivered nationwide in Pakistan and shipped internationally to United Kingdom, Saudi Arabia and many more countries.

Here at Medatech Industries, we work hard to provide you the best quality machines and equipment at a reasonable and affordable price. The designs we use in our machines are unique and compact to keep our machines portable and handy. The appliances used in the production are globally sourced from Japan and USA for high quality and durability.

CONTACT US

You can contact us at the details given below for further information about our line of products and/or to place order. We are shipping worldwide.

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