



## SAHITH CHOCOLATE MELANGER WITH SPEED CONTROLLER

The ideal machine for cocoa processing and nut butter processing and other multipurpose grinding needs.

This Sahith Melanger can grind upto 10kg to 100kg of cocoa bins. The classic Tiltting feature makes it unnecessary to have to lift the vessel or drum to pour out the contents. Simply tilt and pour it out and avoid straining yourself. Cleaning is a breeze, simply pour water, run the melanger for a few seconds and pour out the water. It almost cleans itself. Solid 100 % Stainless Steel body provides elegance, strength and durability. In addition, this melanger has all the features that make it stand out like powerful motor, gear drive, exhaust system, black granite stone for long life and high quality internal and external components.

Tension of the granite stones can be adjusted to obtain different grades of shear at different stages of grinding and for different ingredients. Double granite roller stones and only model with double scrapper that rotate over a granite base. This creates quick tremendous shear that reduces the cocoa nibs to fine chocolate liquor and nuts into paste with a particle size of the order of less than 15 microns.

Speed controller and control panel is provided as standard with the unit, and comes with built in electrical MCB protection. This unit helps you to set the machine speed for different processing and adjust the quantity of ingredients. This is very much useful for you to differentiate your process from others, and make your receipie and processing unique to yourself.



This amazing stone melanger grinder is the perfect companion to your endeavor. We have made several key enhancements to the grinder to make it perfect for Chocolate, nut butters, mexican masa, cosmetics and other food processing. Our stone melangers can be used to make Marcepan from almond, Mesa from corn, coconut paste, Gianduja from hazel nuts, Pistachio and cashew butters, Tahini from sesame seeds, flax seeds paste, Sphagnum moss for facials, Hummus from boiled chick peas, rice batter from rice, Quinoa and many an other grinding applicatio

## FEATURES OF SAHITH CHOCOLATE GRINDER

**Long, trouble free operation with GEAR drive for heavy duty with heavy duty GEAR BOX.**

- High grade rust proof Stainless steel drum with food grade plastic components. No Plastic components in contact with food grade stainless Steel hub as a standard.
- Solid and heavy stainless steel frame
- Motor does not get overheated even under long and heavy use
- Tilting feature lets you to tilt the entire unit for easy removal of contents and easy cleaning
- Real and naturally occurring Black Granite Stone is used to prevent chipping or thinning and long life. No artificial stones.
- NO NEED TO BUY ANY ADD ON and ATTACHMENTS - all are included
- Multipurpose machine that can be used with various food ingredients
- CE certified motor
- Speed controller drive made by the world leader and CE & UL certified
- Ergonomic design
- Machine can be operated without the lid on if necessary. Lid can be removed while running.
- Detachable Cylindrical Granite Roller Stones assembly can removed for easy cleaning
- Spring loaded adjustable load system for efficient grinding and control
- We have readily available spare parts that can ship worldwide and give you peace of mind

Used for :

Chocolate Melanger

Cocoa nib grinder

Cocoa butter grinder

Chocolate Conching Machine

Chocolate Refining machine

Chocolate Tempering Machine

Nut Butter Grinder



# SAHITH ENGINEERING

## PRESSURE SYSTEM



## GRANITE ROLLER STONE WITH SS SCRAPPERS





# SAHITH ENGINEERING

## DIRECT DRIVE GEAR BOX



## CE CERTIFIED FLANGE MOTOR





# SAHITH ENGINEERING

## PANEL BOARD



## TILTING POSITION



## SPECIFICATION OF CHOCOLATE MELANGER

### 10 Kg Chocolate Melanger

S NO	Materials	Specification
1	Name of equipment	10Kg Chocolate Melanger (Full SS)
2	Type of material used in chassis	Stainless Steel
3	Type of material used in container	Stainless Steel
4	Capacity of the container	10Kg
5	Size of container	14"x12"
6	Type of stone	Hard Stone (Granite)
7	Size of stone	14"OD x 2" Thickness
8	Size of stone rollers	6"OD x 3" Thickness
9	Material thickness of containe	1 MM SS 202
10	Material of frame	Stainless Steel 202
11	Material thickness of frame	3MM
12	Tilting	Manual
13	Motor size	0.5Hp
14	Phase of motor - 3 Phase	230/440V
15	Wattage of motor and amperage rating	As specified in Motor name plate
16	Motor type and industry	CE Certified
17	Motor duty rating.	Continuous
18	Motor overload protection	YES
19	Inverter	CE Certified
20	Motor RPM	1440



21	Phase converter control	Yes
22	Gear box Name and RPM	Vignesh Gears & 140 RPM
23	Gear box lubrication type	320 Gear Oil
24	Gear box maintenance requirements	Every six Months oil need to checked
25	Total weight of the machine	100Kg (approximately)

## 20 Kg Chocolate Melanger

S NO	Materials	Specification
1	Name of equipment	20Kg Chocolate Melanger (Full SS)
2	Type of material used in chassis	Stainless Steel
3	Type of material used in container	Stainless Steel
4	Capacity of the container	20Kg
5	Size of container	16"x16"
6	Type of stone	Hard Stone (Granite)
7	Size of stone	16"OD x 2" Thickness
8	Size of stone rollers	8"OD x 4" Thickness
9	Material thickness of container	1 MM SS
10	Material of frame	Stainless Steel
11	Material thickness of frame	3MM
12	Tilting	Manual
13	Motor size	1Hp
14	Phase of motor - 3 Phase	230/415v



15	Wattage of motor and amperage rating	As specified in Motor name plate
16	Motor type and industry	CE Certified
17	Motor duty rating.	Continuous
18	Motor overload protection	YES
19	Inverter	CE Certified
20	Motor RPM	1440
21	Phase converter control	Yes
22	Gear box Name and RPM	Vignesh Gears & 140 RPM
23	Gear box lubrication type	320 Gear Oil
24	Gear box maintenance requirements	Every six Months oil need to checked
25	Total weight of the machine	180Kg (approximately)

## 40 Kg Chocolate Melanger

S NO	Materials	Specification
1	Name of equipment	40KG Chocolate Melanger (Full SS)
2	Type of material used in chassis	Stainless Steel
3	Type of material used in container	Stainless Steel
4	Capacity of the container	40Kg
5	Size of container	18"x18"
6	Type of stone	Hard Stone (Granite)
7	Size of stone	18"OD x 2.5" Thickness



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8	Size of stone rollers	10"OD x 5" Thickness
9	Material thickness of container	1 MM SS
10	Material of frame	Stainless Steel
11	Material thickness of frame	3MM
12	Tilting	Manual
13	Motor size	2Hp
14	Phase of motor - 3 Phase	230/415v
15	Wattage of motor and amperage rating	As specified in Motor name plate
16	Motor type and industry	CE Certified
17	Motor duty rating.	Continuous
18	Motor overload protection	YES
19	Inverter	CE Certified
20	Motor RPM	1440
21	Phase converter control	Yes
22	Gear box Name and RPM	Vignesh Gears & 140 RPM
23	Gear box lubrication type	320 Gear Oil
24	Gear box maintenance requirements	Every six Months oil need to checked
25	Total weight of the machine	220Kg (approximately)



## 60 Kg Chocolate Melanger

S NO	Materials	Specification
1	Name of equipment	60KG Chocolate Melanger (Full SS)
2	Type of material used in chassis	Stainless Steel
3	Type of material used in container	Stainless Steel
4	Capacity of the container	60Kg
5	Size of container	18"x20"
6	Type of stone	Hard Stone (Granite)
7	Size of stone	18"OD x 2.5" Thickness
8	Size of stone rollers	10"OD x 5" Thickness
9	Material thickness of container	1 MM SS 202
10	Material of frame	Stainless Steel 202
11	Material thickness of frame	3MM
12	Tilting	Automatic
13	Motor size	3 Hp
14	Phase of motor - 3 Phase	230/415V
15	Wattage of motor and amperage rating	As specified in Motor name plate
16	Motor type and industry	CE Certified
17	Motor duty rating.	Continuous
18	Motor overload protection	YES
19	Inverter	CE Certified
20	Motor RPM	1440
21	Phase converter control	Yes



22	Gear box Name and RPM	Vignesh Gears & 140 RPM
23	Gear box lubrication type	320 Gear Oil
24	Gear box maintenance requirements	Every six Months oil need to checked
25	Total weight of the machine	350Kg (approximately)

## 80 Kg Chocolate Melanger

S NO	Materials	Specification
1	Name of equipment	80Kg Chocolate Melanger (Full SS)
2	Type of material used in chassis	Stainless Steel
3	Type of material used in container	Stainless Steel
4	Capacity of the container	80Kg
5	Size of container	24"x24"
6	Type of stone	Hard Stone (Granite)
7	Size of stone	24"OD x 3" Thickness
8	Size of stone rollers	12"OD x 6" Thickness
9	Material thickness of container	1 MM
10	Material of frame	Stainless Steel
11	Material thickness of frame	3MM
12	Tilting	Automatic
13	Motor size	5Hp
14	Phase of motor - 3 Phase	440V
15	Wattage of motor and amperage rating	As specified in Motor name plate



16	Motor type and industry	CE Certified
17	Motor duty rating.	Continuous
18	Motor overload protection	YES
19	Inverter	CE Certified
20	Motor RPM	1440
21	Phase converter control	Yes
22	Gear box Name and RPM	Vignesh Gears & 140 RPM
23	Gear box lubrication type	320 Gear Oil
24	Gear box maintenance requirements	Every six Months oil need to checked
25	Total weight of the machine	420Kg (approximately)

## 100 Kg Chocolate Melanger

S NO	Materials	Specification
1	Name of equipment	100Kg Chocolate Melanger (Full SS)
2	Type of material used in chassis	Stainless Steel
3	Type of material used in container	Stainless Steel
4	Capacity of the container	100Kg
5	Size of container	26"x26"
6	Type of stone	Hard Stone (Granite)
7	Size of stone	26"OD x 4" Thickness
8	Size of stone rollers	14"OD x 7" Thickness
9	Material thickness of container	1 MM SS
10	Material of frame	Stainless Steel

11	Material thickness of frame	3MM
12	Tilting	Automatic
13	Motor size	5Hp
14	Phase of motor - 3 Phase	440V
15	Wattage of motor and amperage rating	As specified in Motor name plate
16	Motor type and industry	CE Certified
17	Motor duty rating.	Continuous
18	Motor overload protection	YES
19	Inverter	CE Certified
20	Motor RPM	1440
21	Phase converter control	Yes
22	Gear box Name and RPM	Vignesh Gears & 140 RPM
23	Gear box lubrication type	320 Gear Oil
24	Gear box maintenance requirements	Every six Months oil need to checked
25	Total weight of the machine	480Kg (approximately)

## MOTOR COUPLING WITH GEAR BOX





Model	SCM - 5	SCM - 10	SCM - 20	SCM - 40	SCM - 60	SCM - 80	SCM - 100
Capacity	5 KG	10 KG	20 KG	40 KG	60 KG	80 KG	100 KG
Motor	0.5 HP	0.5 HP	1 HP	2 HP	3 HP	5 HP	5 HP
Voltage	230/415v	230/415v	230/415v	230/415v	230/415v	415v	415v
LxBxH in Inches	25 X 18 X 27	29 X 23 X 36	39 X 30 X 49	42 X 31 X 52	61 X 37 X 62	63 X 39 X 64	65 X 41 X 66
Drum Size in Inches	10 X 8	14 X 12	16 X 16	18 X 18	22 X 22	24 X 24	26 X 26
Input Capacity in Kg	5	10	20	40	60	80	100
Weight ( Approximate)	60	100	180	220	350	420	480

Machines with above product codes operate on 220V, 50 Hz. Above data is subject to change without any prior notice  
For 110V, 60 Hz and 304 Grade SS variants,

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