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Specialty Equipment – Stone Grinders

Catalog – Spectra 100AGD Melanger



SPECTRA 100AGD Melanger with Speed Controller



Includes Patented and Patent Pending features. Product may differ slightly from the picture above.

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

Spectra introduces the newly developed model with Auto Gear Drive, an electronic speed controller unit allows the drum rotation speed to be varied from zero to full speed, and at the same time also allows for the unit to be used worldwide.

This 75 lbs. capacity machine is the perfect companion to enterprise. The classic Tiltng 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 grinder for a few seconds and pour out the water... it almost cleans itself. Solid Stainless-Steel stand provides elegance, strength and durability. In addition, this grinder has all the features that make it stand out ... powerful motor, black granite stone for long life of 10 years or more 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 that rotate over a granite base. This creates tremendous shear that reduces the cocoa nibs to fine chocolate liquor 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 recipe and processing unique to yourself.

The machine works as a conch and a refiner. The tension from the stones can be fully released for the conching cycle without grinding further, such that the cocoa liquor is continuously exposed to air without grinding it further and the volatiles are removed. All models have this feature and there is no need for a separate model or attachments to buy. There is no need to buy any additional add-on's or attachments, and all are included.

Comes standard with an AUTO GEAR DRIVE(AGD), and there are no issues associated with the difficult to maintain gear drives.

This amazing stone melanger is the perfect companion to your endeavors. We have made several key enhancements to the stone 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 other grinding application.

Features

- 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. Earlier Plastic Hub has now been replaced to have only a Stainless Steel 304 grade hub as a standard.
- Solid and heavy 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.
- High grade rust proof Stainless steel drum with food grade plastic components. Earlier Plastic Hub has now been replaced to have only a Stainless Steel 304 grade hub as a standard.
- SS 304 grade body for the machine on some models
- Double scrapper arms improve the grinding efficient over single scrapper arms
- Motor does not get overheated even under long and heavy use
- 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 ONs and ATTACHMENTS - all are included
- Multipurpose machine that can be used with various food ingredients
- All motors are CE certified
- Speed controller drive made by the world leader and CE & UL certified
- Ergonomic design
- Machine can be operated without the lid on if necessary
- Detachable Cylindrical Granite Roller Stones assembly can be removed for easy cleaning
- Spring loaded adjustable load system for efficient grinding and control
- Castor wheels with brakes provided as standard.
- We have readily available spare parts that can ship worldwide and give you peace of mind

Specifications

- **Stainless steel 304 grade supporting stand and Stainless steel 304 grade body**
- **Input voltage: 220 Volts 1 phase only, a powerful 2 HP, CE certified motor**
- **Rotation of drum at maximum speed is approximately 150 RPM**
- **Comes standards with electronic speed controller and MCB protection**
- **Empty Full Drum Volume – Approximately 18 inches wide by 16 inches deep, 100 Liters**
- **Grinds up to 75 lbs. of Cocoa**
- **Weight - Approximate 400 lbs. (180 kgs) , LBH Dimensions - 35 x 22 x 44 inches**
- *(Note: All specifications are subject to change without notice as products are constantly improved)*