

GRAIN GRINDER MACHINE

Instruction Manual



Instruction Manual

Thanks for your use(using) our product multi-function Grain Grinder machine!
Please carefully read the instruction manual before use the machine.

一、 Technical parameter

Model	Voltage	Power	N.W.	G.W.	Size
1500	110V/60Hz 220V~240V/50Hz 380V/50Hz	1500W	41KG	44.5KGS	71.5X34.5X35CM
2200	110V/60Hz 220V~240V/50Hz 380V/50Hz	2200W	43KG	46.5KGS	71.5X34.5X35CM
3000	110V/60Hz 220V~240V/50Hz 380V/50Hz	3000W	51KG	55.5KGS	71.5X38X38CM
3600	110V/60Hz 220V~240V/50Hz 380V/50Hz	3600W	55KG	60KGS	71.5X38X41CM

二、 Operation and Adjustment

1. Please open the front cover, fitted the abrasive disc, spring, apical axis, bearing ect.
2. Pls insert the hopper into the feed inlet. Pls don't put much material into the hopper.every time when the machine are crushing. Avoid to feed too fast and motor stuck.
- 3.Order to prevent static abrasive disc rotation loose, please fix it into the milling cavity.
4. Please put dry stuff into hopper, don't put wet stuff.into hopper, otherwise the abrasive disc will be stuck. Then the powder can't come out.

Packing List

Grain Grinder	1 pc
Hopper	1 pc
Abrasive disc	4 pcs
overload switch	1 pc
Brush	1 pc
Instruction Manual	1 pc

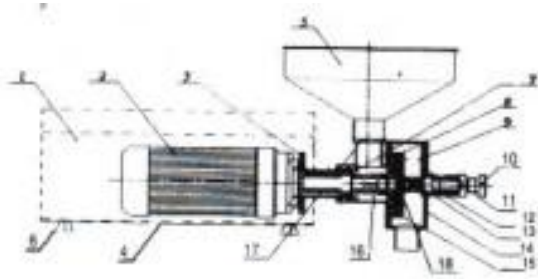
Crusher room stick or there are metal stuck in it	There are some metals or stuff in machine, then machine part are damaged.	Cut off power and check hard goods or change part.
Grinding is not fine	two abrasive disc is not same level abrasive disc is coloboma or broken	Adjustment two abrasive disc are same level. Change abrasive.
Low efficiency	Abrasive disc is not sharp Feeding difficultly	Change abrasive Adjustment the space between of abrasive The material size is too big please crush them suitable size.
Motor can't work	Feeding too much Voltage too low Abrasive disc get stick	Reduce feeding. Don't use the machine when the power is not normal. Adjustment the space of abrasive disc and clean up abrasive disc. Replace abrasive disc.

5. Abrasive disc work time must be adjusted according to powder finess require. Adjust it to loosen the adjustment nut, powder finess by adjusting screw to adjust. Please tighten nut after adjusting.
6. Adjust dynamic abrasive disc: remove dynamic abrasive disc firstly, then loosen the screw of abrasive disc. And taken down spring, then fixed dynamic abrasive disc, adjustment abrasive disc until two abrasive superposition.

三、 Special Safety Rules

1. Please check screw of abrasive disc and feed hopper if it is ok before using the machine every time.
2. Please clean and dry inside machine after using every time.
3. Please repair or replace the part when the machine parts damaged or abrasion.
4. Do not put the machine inversion please put it horizontal and cut off power.
5. The machine should be installed horizontal on the work table.
6. Please wait a moment to put the material into the machine after turn on the power. Don't put much material in the machine to avoid much material and motor stuck.
7. Please remove the material from machine when complete the process and cut off the power suddenly.
8. All material must be dry. And don't left metal or stone and other stuff in hopper.

四、Assembly instruction



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|-----------------------------|---------------------------|--------------------------|
| 1. Motor Cover | 2. Motor | 3. Motor Mounting Flange |
| 4. Motor Bottom | 5. Hopper | 6 Rubber Cushion |
| 7. Cushion of abrasive disc | 8. static abrasive disc | |
| 9. Crushing Cavity | 10. Adjustment Screw | |
| 11. Adjustment Nut | 12. Top Axis | 13. Bearing |
| 14. Front Cover | 15. dynamic abrasive disc | |
| 16. Grinding Sleeve | 17. Adjustment sheet | |
| 18. Spring | | |

五、General breakdown and operation method

Breakdown phenomenon	Breakdown reason	Correct method
Motor can not start up or startup difficultly	Check whether the overload switch is damaged, The wire diameter is too small voltage is below level Capacitor is damage .	replace overload switch replace suitable wire, when voltage is stable to re-start
Motor weakness The temperature is too high	Motor cutting-out motor bearing damage motor work long time	Check motor Replace motor bearing According to standard time work or pause.
Machine body is strong quakely	Other part weight not equilibrium The coupling is bending deformation Bearing damaged dynamic abrasive disc not equilibrium	Check the part and adjustment weight equilibrium Replace coupling Replace bearing Adjustment dynamic abrasive disc equilibrium