

Manual Guide

150# 15B# 200# 230# Grain Crusher Electric

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The motor uses the maintenance instructions >>

- 1. The first use of the motore before the check must be on the nameplate on the rated value of the parameiers to meet the requiremenis and in strict accordance with the co rreef connection of the motor shet srounding wire.
- 2. The motor qucle is based on continuous working system (SI) based on the continu-ous quota.
- 3. Ambient air temaorature changes with the seasonc, but not more than 40 degrees.
- 4. The moto connal ar to power, 10 seconds can not reach the normal speed or abnor-mal sound, should immediate'v cit off the power, troubleshooting and then start.

Cause of failure and troubleshooting

1.Low crushing efficiency:

Cause of issue	Elimination method
The speed is too low	Guaranteed rated speed
Raw material is too wet	Dry raw materials
The gear wear and tear	Replace gears
Lack of water	Appropriate amount of water
Motor underpower	Replace the motor

2.High bearing temperature:

Cause of issue	Elimination method
Poor quality of lubricating oil	Use the appropriate lubricating oil
Bearing damage	Replace the bearing
Bearing size or location tolerance	Repair the bearing hole

3.Machine vibration or sound is not normal:

Cause of issue	Elimination method
Unstable installation	Solid base
Speed is too high	Guaranteed speed
Spindle bending	Change the spindle
Unbalanced rotor	Balance the rotor
Bearing damage	Replace the bearing

Grain Crusher Electric



150# 15B# 200# 230# Grain Crusher Electric

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>BL-150



>BL-15B



>BL-200



>BL-230



Technical Data Sheet

Model	BL-15B
Motor Power (KW)	2.2
Rated voltage (V)	220
Frequency (Hz)	50
Spindle speed (r/min)	1400
Weight	25
Crushing Capacity (kg/h)	≥68
Milling Capacity (kg/h)	≥68

Main Material Production

Material varieties	diameter (mm)	Production (kg/h)
Whole grains	1.2	20-40
Whole grains	2.0	40-60
Whole grains	3.0	80-120
Glutinous rice flour	0.6	15-25
Glutinous rice flour	3.0	80-120
Blends of soybeans	1.2	15-25
Blends of soybeans	2.0	20-30

Technical Data Sheet

Model	BL-15B
Motor Power (KW)	2.2
Rated voltage (V)	220
Frequency (Hz)	50
Spindle speed (r/min)	6200-6500
Weight	35.8
Waterproof level	IPX1

Main Material Production

Material varieties	diameter (mm)	Production (kg/h)
Whole grains	1.2	20-40
Whole grains	2.0	40-60
Whole grains	3.0	80-120
Glutinous rice flour	0.6	15-25
Glutinous rice flour	3.0	80-120
Blends of soybeans	1.2	15-25
Blends of soybeans	2.0	20-30

Technical Data Sheet

Model	BL-200
Motor Power (KW)	3
Rated voltage (V)	220
Frequency (Hz)	50
Spindle speed (r/min)	6200-6500
Weight	60
Waterproof level	IPX1

Main Material Production

Material varieties	diameter (mm)	Production (kg/h)
Whole grains	1.2	70-90
Whole grains	2.0	100-150
Whole grains	3.0	150-200
Glutinous rice flour	0.6	40-60
Glutinous rice flour	3.0	150-200
Blends of soybeans	1.2	30-50
Blends of soybeans	2.0	40-60

Technical Data Sheet

Model	BL-230
Motor Power (KW)	3.8
Rated voltage (V)	220
Frequency (Hz)	50
Spindle speed (r/min)	6200-6500
Weight	60
Waterproof level	IPX1

Main Material Production

Material varieties	diameter (mm)	Production (kg/h)
Whole grains	1.2	70-90
Whole grains	2.0	100-150
Whole grains	3.0	150-200
Glutinous rice flour	0.6	40-60
Glutinous rice flour	3.0	150-200
Blends of soybeans	1.2	30-50
Blends of soybeans	2.0	40-60

Installation and use>>

- Please read the manual before starting, and check the meter, switch, insurance, wire and other specifications are in line with the requirements. Wiring whether there is loosening, leakage, short circuit phenomenon, whether the mechanical parts of the loose and wipe, whether the oil oil (product it has been fueled), if any adverse phenomena must be eliminated before the boot.
- Please pay special attention when the power supply voltage is not rated, if the motor does not turn a few seconds, low turn or light can not quickly return from the dark and abnormal sound, you should immediately cut off the power, otherwise the motor easy to burn.
- Must be empty machine start, until the machine is running normally to feed, facing the direction of rotation of the belt is not allowed to stand people.
- The motor operating voltage shall not be less than 5% of the rated voltage, the general start difficulty due to lack of electricity, this time not allowed to frequent start, more low-voltage operation is strictly prohibited, so as not to damage the motor.
- Feeding should be uniform, prevent too much, according to the material, the operator control the feed, is strictly prohibited to avoid damage to the motor overload.
- Smashing the high oil content of crops and not too dry food when easy to plug the machine slot and screen to be randomly removed, it is recommended to use the net net and then use fine network.
- Processed into a slurry material (such as soy milk) should be appropriate with the material feeding, avoid water into the operation, do not shut down before the power supply, generally 1.5-2mm to do tofu is better. (Grouting material easy to leak pulp).
- The machine is absolutely not allowed to open the door when turning, prohibit any other metal objects into the machine, so as to avoid serious accidents!
- No matter what kind of failure, should first cut off the power, to be stopped after the car can find the cause, troubleshooting, and after the removal of residual materials to boot.
- After each use, to determine the safety and then open the door, remove the sieve to dry, and clean the warehouse.
- Regular inspection plus butter in the ring, prevent dry grinding.
- The motor should be grounded outside the ground, usually to keep clean, pay attention to moisture, if necessary, with a single-phase motor start control protector.

Safety requirements>>

- Before installation, pay attention to the use of rated voltage should be 220V plus or minus 5% avoid the voltage is too low, resulting in the reasons for the lack of voltage is generally too far from the transformer, the line conductor is too small, power peak power shortage should be resolved after the resolution to be installed.
- The power distribution board and the motor must be installed by the local electrician according to safety regulations to ensure safety.
- The power distribution board or switch should be placed in the easy operation of the place (230 is not recommended by the switch and the board, it is recommended to press the knife) in case of failure to cut off the power supply.
- The power supply line must be used cross-sectional area of 2.5 square millimeters above the multi-strand copper wire, or 4 square millimeters above the aluminum insulated wire.
- The knife switch on the installation of the fuse suitable for the choice of diameter 1.63-1.83 lead-tin fuse that is, No. 1 or 16 fuse, disable other specifications and other materials instead.