

Manual Of Tea Harvester Machine

4CD-35

Product implementation standard:

Q/FJGN 001-2019 "Tea harvester machine"



Foreword

Sincerely thank you for purchasing and using our products. Please read this manual before use to avoid accidents and injuries. After reading, please keep this manual for future use.

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1. Application

It is suitable for picking tea in various tea gardens, and has the characteristics of light weight and high efficiency.

2. Safety warning sign

Attach the safety protection warning label to the blade and other moving parts



1. Strictly follow the instruction manual;
2. When the machine is running, it is strictly forbidden to reach in;
3. Do not touch the hot parts of the machine with your body, beware of burns.



3. Safety precautions

Before use, to avoid causing safety accidents be sure to read the instructions carefully. After reading, please keep the manual well for use at any time.

3.1 The following personnel cannot use this machine

- (1) Drunk people;
- (2) Patients with mental illness;
- (3) Children, pregnant women;
- (4) People who cannot operate normally due to excessive fatigue, illness and drug allergies;
- (5) and other personnel who cannot use machinery due to certain factors;

3.2 Protection during operation

- (1) When operating, please wear long sleeves with slightly narrow cuffs and narrow trousers;
- (2) Wear a brimmed hat and protective glasses;
- (3) Please wear gloves for operation during inspection and maintenance;
- (4) It is strictly forbidden to wear slippers, sandals, sliding bottoms and other shoes with potential safety hazards for operation.
- (5) It is strictly forbidden to reach into the machine motion or transmission parts;
- (6) When operating, be sure to do safety protection;
- (7) Please cut off the power supply in time when not in use;
- (8) It is strictly forbidden to use the machine against people during operation.

4. Parameter

NO.	Name	Unit	Parameter Value	
1	Model	Set	4CD-35	
2	Dimensions of hand-held part (length × width × height)	cm	62×28×19	
3	Part of the battery size (length × width × height)	cm	22×10×30	
4	Matching motor	power	W	200
		Rated speed	r/min	5200
		Rated voltage	V	24
5	Supporting battery	Rated Capacity	Ah	12
		Rated voltage	V	24
6	Blade length	cm	35	
7	Cutting width	mm	30	
8	Weight	kg	≤1.8	

5. Precautions Before Operation

1. Please check before the operation, if necessary adjustments and abnormalities, please entrust a store to repair.
2. Do not approach the fire source or clean the machine with water to avoid short circuit of the power supply.
3. Places to be checked before operation.

Check Item	Check content	Approach
Exterior	Whether the appearance is worn or loose	Reinforcement
Fasteners	Has it fallen off or loosened	Tighten
Gearbox	lubricating oil replenishment	Supplement every 20 to 30 hours
blade	Whether the cutter teeth are rounded, cracked or deformed...	Replacement parts
	Whether the blade has lubricating oil	Oiling
Blade adjustment nut	Whether the blade clearance is adjusted well	Adjustment
Handle	Whether the handle is fixed	Adjustment
battery	Whether the battery is strong enough	Must be charged after working continuously for 8 hours
Line connector	Whether the battery wiring connector is firm	Adjustment
switch	Whether the power switch is good	Repair, replacement

6. Installation and operation precautions

6.1 Installation operation

1. Open the packing box and take out the machine;
2. Fix the cloth bag hook of the leaf collection bag on the blade holder;
3. Insert the plug of the power cable of the tea picker into the battery socket;
4. Carry the fully charged battery on the back;
5. Portable tea picker, turn on the power switch on the handle, and check that the direction

- of the impeller is reverse;
6. Start harvesting.

6.2 Operation precautions

1. Regularly adjust the blade clearance and lubricate the blade with oil;
2. Keep fingers away from the blade on the tea picker to avoid injury;
3. It must be recharged after 8 hours of continuous work;
4. When the power supply is not in use, it needs to be charged once every half a month;
5. Please turn off the power switch immediately after work to avoid accidentally hurting others or objects.

7. Maintenance and Adjustment

1. When the battery is used for 5 to 6 hours, and the rotation speed of the impeller will be significantly reduced, it means that the battery is insufficient. It should be charged in time. The charging voltage is 220V, and the charging time should not be less than 8 hours each time.
2. Clean the blade and inject lubricant into the blade at the end of each work to increase the service life of the tea harvester.

8. Common faults and solutions

Fault phenomenon	Cause Analysis	Solutions
The impeller does not rotate	<ol style="list-style-type: none"> 1. Overload 2. The battery connection wire is not well welded 3. The power switch is not turned on 4. The power plug falls off 	<ol style="list-style-type: none"> 1. The load should be within the range of rated use; 2. Welding firmly 3. Turn on the switch 4. Reinsert

9. Device Accessories

NO.	Item	Unit	Quantity
1	Tea picking machine (including leaf bag and connecting line)	Set	1
2	24V charger	Piece	1

3	24V DC battery (including battery bag)	Piece	2
4	Instructions	Piece	1
5	Certificate of conformity	Piece	1
6	screwdriver	Piece	1
7	wrench	Piece	1

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