



**Manaksia Agritech**  
PRIVATE LIMITED

# ***Intelligent Brushless Charging Tea Picking Machine***

*Manual*



# Intelligent Brushless Charging Tea Picking Machine

## 1. Product Description

This product is small in size and high in power, employing a relatively advanced brushless motor design, and features under voltage, overcurrent, and over temperature protection.

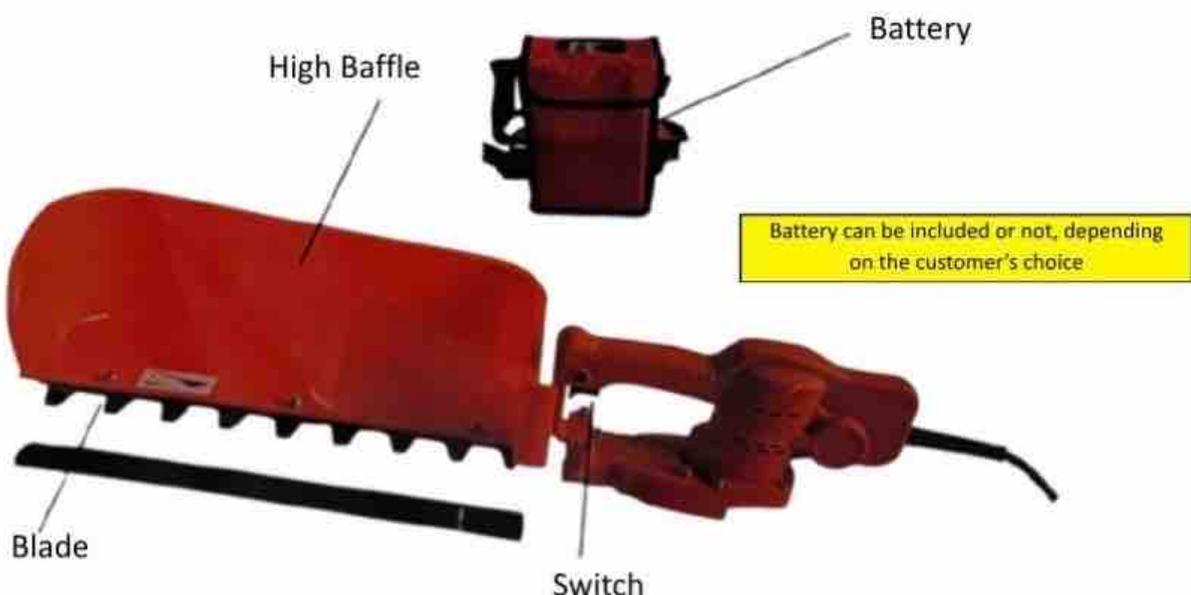
1. Under voltage protection: This means that the machine will not start if the battery is not charged in time or if the battery voltage drops to a certain level after the machine has been used for a certain level of time
2. Overcurrent protection is a type of overload protection. Overloading the machine will cause the current to rise, and the machine will automatically protect itself after reaching a certain level to prevent burnout.
3. Overheat protection: If the machine runs for a long time, the electronic components on the controller will get hot. The controller will issue a command to protect itself. After the electronic components cool down, the machine will return to normal.

With the above protection, the lifespan of the motor will be greatly extended.

Note: After the above protection system stops the computer, you can restart it to use it normally.

Note: It is strictly forbidden to provide this product with power supplies whose positive and negative terminals are reversed, otherwise the motor controller will be burned out. The plug provided with this product: has N as the positive terminal and L as the negative terminal.

## 2. Structure Diagram



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## 3. Main technical Parameters

Sl. No.	Project	Unit	Parameter	
1	External dimensions (length x width x height)	mm	660 x 201 x 139	
2	Working width	mm	330	
3	Cutting form	/	reciprocating	
4	DC voltage	V	24	
5	No-load current	A	1.8	
6	Blade no-load speed	rpm	1500	
7	Blade parameters	Tooth shape	/	trapezoid
		Tooth spacing	mm	31
		Tooth height	mm	28
		Cutting angle	(°)	45
8	Battery	24V 8A lead-acid	kg	4.6
		24V 8A lithium	kg	2.1
		24V 8A lithium	kg	2.7
9	Single machine weight	kg	1.9	
10	Operator	people	1	

## Tea-picking machine installation and operation instructions and precautions:

### (1) Installation instructions

- Open the packaging box and take out the machine.
- Wear the fully charged battery on your back
- Insert the tea-picking machine's connecting cable into the battery and the machine
- Simply press the switch to start working

### (2) Operation precautions

- 1. Adjust the blade gap normally and lubricate the blades periodically with oil at regular intervals.
- 2. Do not let your fingers get close to the blades on the tea-picking machine to avoid injury.
- 3. After 8 hours of continuous operation, the machine must be recharged and allowed to cool down.
- 4. This product is covered by a 6-month warranty. Do not disassemble it yourself, otherwise you will lose the warranty.
- 5. When the power source is not in use, charge the battery once every 3 months to extend battery life.
- 6. After finishing work, the power switch must be turned off and the power cord unplugged immediately to prevent accidental injury to others.

## WARRANTY CARD

The warranty period is 6 months from the date of purchase.

Second, when purchasing products, users should carefully fill in all the information on the warranty card; otherwise, they will receive countless warranty cards.

The manufacturer will be responsible for repair and replacement for the following quality problems during the warranty period:

1. Use correctly. If parts are damaged due to quality issues, the factory will be responsible for replacing them.
2. If the product is not reliable after proper operation, the factory will be responsible for repairs.

Users can claim warranty service by presenting their warranty card or invoice.

Warranty will not be provided in any of the following circumstances.

1. Those without a warranty card or invoice.
2. Parts that have been disassembled and used by the user or used improperly.
3. Users who attempt to repair or assemble the parts themselves improperly or use parts not manufactured by our company.
4. The serial number on the warranty card and invoice does not match the serial number of the product sent for repair, or the serial number has been altered.
- VI. For products beyond the warranty period, our factory provides paid repair services.

### Certificate

Product Name: Electric Tea Picking Machine  
Model Number: 4CD-30A  
Implementation Standard: JB/T6281-2007  
Factory date: \_\_\_\_  
Inspector: \_\_\_\_

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