

Pruning machine

operating instruction

A\summary

A pruning machine is a machine used to cut branches off the trunk. The main branch is inserted into the cutting hole to quickly cut the branches from the main branch. The machine has high efficiency, low energy consumption, simple operation, high safety, and is a new type of agricultural processing machinery.

B\ characteristics

1. The speed regulator can adjust the travel speed. Thick or hard branches reduce the speed, thin or soft branches increase the speed.
2. The tool is a circular blade to achieve the function of continuous cutting.
3. The tool material is made of high-speed steel, with the characteristics of wear resistance and high hardness.
4. The branch feeding system adopts wear-resistant and heat-resistant butyl fine rubber to improve the efficiency and service life of the machine.
5. Simple operation, convenient maintenance, and long service life.
6. Adopt C type triangle belt, overload capacity. Low operating noise, no lubrication, and maintenance-free.

C\Main technical parameters

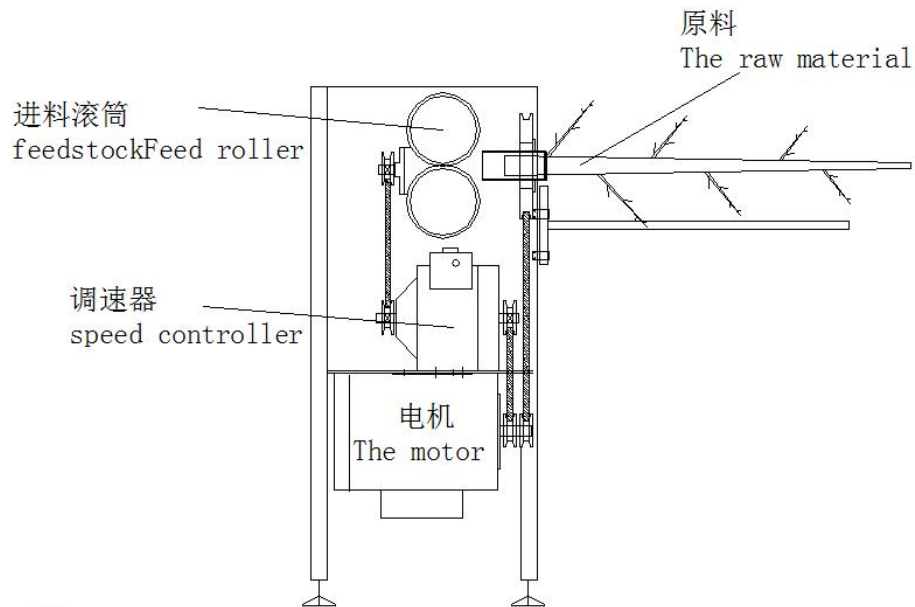
1. product model:
JZJ-550-SN
2. Power consumption: 550W
3. Power supply voltage: $AC220V \pm 10\%$
4. Power supply frequency: $60HZ \pm 1Hz$
5. Usage speed: 20-50 rpm
6. Recommended use speed: 30 rpm
7. Working conditions: ambient temperature $40^{\circ}C \sim +40^{\circ}C$; relative humidity 85%; no corrosive gas.
8. Overall Size: 820mm * 420mm * 410mm

D\operational principle

This machine uses an adjustable speed rotary ring hob, with a pair of relatively rotating feed rubber wheels to clamp the main branches backward movement. During the movement, when the side branch is close to the ring hob, the high-speed rotating ring hob quickly cuts off the side branch, the side branch falls freely in front of the machine, and the main branch continues to move backward.

Installation, use and precautions

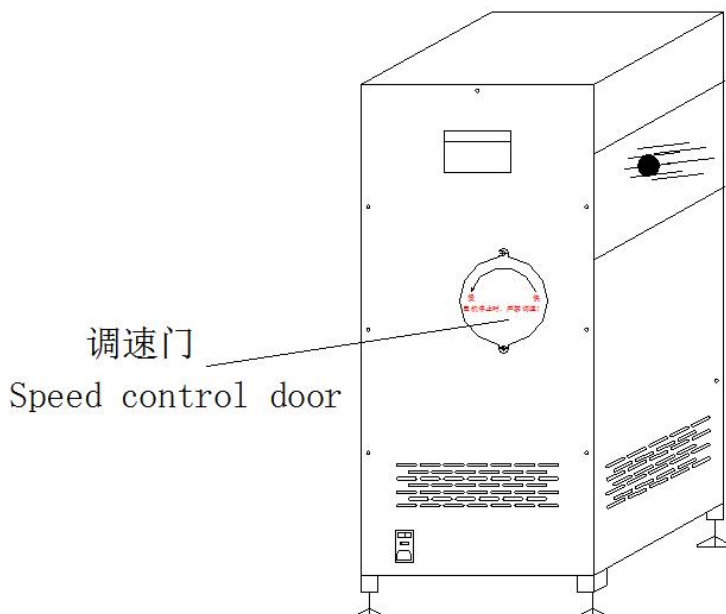
A: install



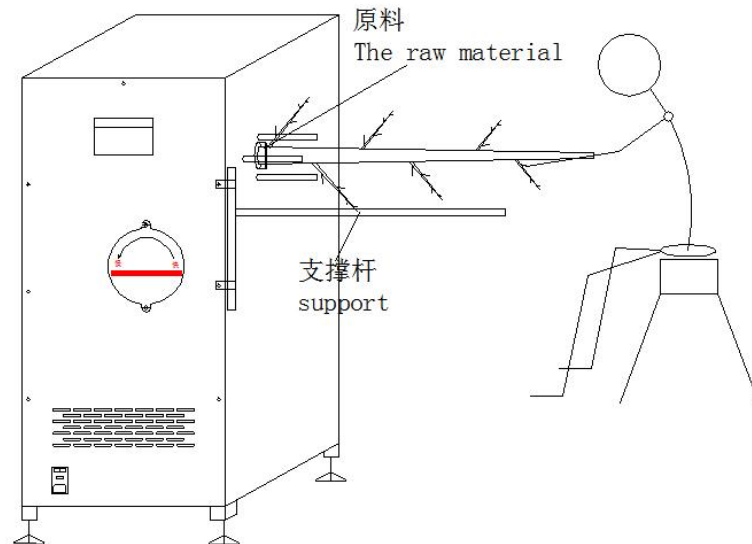
- 1, Open the package, remove the host machine, and adjust the 4 feet to ensure that the machine is stable.

B: usage method

- 1, The host uses a single-phase AC220V 60HZ power supply.
- 2, plug in.
- 3, The power switch is switched to the on position (-) and the machine starts.
- 4, **Speed adjustment must be in the motor running state.**
- 5, Open the speed control door, pull out the speed control lever, rise-clockwise turn downhill-counterclockwise turn
- 6, Depending on the hardness and thickness of the branches,
Reduce speed: generally branch hard or rough selection speed is slower.
Speed up: generally side branch soft or fine selection speed faster.
- 7, Open the speed regulating door.



- 8, Slowly turn the knob 1 to 2 laps, observe the feed speed until the speed fits, close the speed door.
- 9, When used for a period of time, the suction is not enough caused by rubber wear, can open the main engine cover and replace the rubber wheel.
- 10, operative mode



C : matters need attention

- 1, The host adopts high speed S KF quality bearing without any grease,
- 2, The transmission pulley has a triangular rubber belt and requires replacement for 5000 hours.
- 3, The feed roller is vulnerable and recommended to replace for 4000 hours.
- 4, **During power use, hands or other sundries should not reach into the main engine.**
- 5, Do not extend your hand into the front rotating blade when energon.
- 6, The branch center point of the tool should be close to the tool center point, and make the main branch and the tool center should be horizontal state.
- 7, The height of the support foot must be adjusted after installation in the working position to keep the machine stable.

E\ordering instruction

Determine the voltage level, frequency, single phase or three phase of the working power supply

Common fault analysis

fault phenomenon	failure cause	Exclusion method
failure to actuate	No AC power supply input	Check the AC power (220V) input and the socket fuse.
Motor transfer but feed	Fault of governor, Belt pine	Replace the governor. Adjust the belt.
Motor rotation, feed has no force	The feed roller is worn Feed belt pine	Replace the feed roller. Replace the feed belt.
The vibration is big	Rubber support unbalanced	Adjust the rubber support to hold in the level position.
Cut not	cutting-tool wear Clip in the foreign body	Stop it down, grind the blade opening, or replace it. Stop time to clean up foreign objects and clean up cut side branches.

--	--	--

Address: Luoshe Town, Huishan District, Wuxi City

Postal Code: 214161

Tel: +86-0510-83832599

Fax:+86- 0510-83831100

E- -mail:zjzk6868@163.com

Wuxi Zhongjian Automatic-Control Device Co., LTD