

1. HT - 0.5 Spiral Juicer (varies according to the raw material output)



Treatment capacity of 0.5T / h

Spiral Juicer

Second, use and scope of application

- ★ for pressing pineapple, apples, pears and other fruits;
- ★ for pressing mulberry, grapes, oranges, orange and other berries;
- ★ used to squeeze tomatoes, ginger, garlic, celery and other vegetables.

Third, the technical characteristics:

1 raw material handling capacity: 0.5T / h

2 Spiral diameter: $\Phi 90\text{mm}$

3 Spiral speed: 400 rpm

4 Filter aperture: $\Phi 0.5\text{mm}$

5 Motor power: 1.5KW

7 Overall dimensions: 1100 × 350 × 920mm

Fourth, equipment structure, working principle

First, the structure:

The left end of the screw spindle is supported by the rolling bearing seat, the right end is supported by the hand wheel housing, and the motor is connected to the bearing by a motor, the motor is driven by a motor, On the triangular pulley drive screw to work.

Second, the working principle:

The main component of the device is the spiral, spiral along the slag exit direction bottom diameter gradually increased and the pitch gradually reduced, when the material is screw propulsion, due to the spiral cavity volume reduction, the formation of the material press.

The direction of rotation of the helical spindle from the feed hopper to the slag direction, as the direction of the needle. The raw material is fed into the hopper and is compressed under the propulsion of the screw. The squeezed juice flows into the bottom juice container through the filter, and the waste material is discharged through the gap formed between the screw and the tapered part of the adjusting head. The movement of the indenter in the axial direction adjusts the size of the gap. Hand clockwise (from the equipment to the hopper to look at the hopper) transfer hand wheel housing, the regulator head to the left, the gap that is reduced, otherwise the gap becomes larger. Change the size of the gap, that is, adjust the resistance of the slag, you can change the juice rate, but if the gap is too small, in the strong extrusion, the part of the slag particles and juice will be squeezed out through the filter, although the juice increases, but The relative decline in the quality of juice, the size of the gap should be based on user specific process requirements.

It is the first choice of food and beverage industry, and it can cut the fruit into a slurry, and leave the fruit juice and slag out of the slurry port and the residue outlet.