Peanut Sheller

Peanut sheller is a kind of equipment to remove the shell of peanut by rolling and peeling, which is mainly used for finishing all kinds of peanuts.

Advantages of peanut sheller:

1. The performance is stable and the service life is long. Peanut shelling equipment is simple in structure, safe and reliable, and convenient to adjust.

2. Clean peeling and high production efficiency. Peanut shell peeling machine is equipped with cleaning device, with a high cleanliness.

3. The peeling effect is good and the loss rate of peanut is very low. Peanut peeling machine treatment peanut fragmentation rate is small, half grain rate is low.

4. The changing screen of peanut sheller can be completed in 1 minute, and the actual operation is convenient and fast.
5. Peanut sheller has less energy consumption, in line with environmental protection and the purpose of sustainable development.

6. Peanut shell peeling machine has a certain degree of versatility. Other peanut processing machinery can be connected before and after, which is convenient to build an automatic peanut processing production line and further improve production efficiency.

7. The peeling device of peanut shelling machine is made of high quality wood, and the shell is specially made of thickened type, which is beautiful in shape, exquisite and practical, and convenient for practical operation.

Here are some of the parameters of the peanut sheller:

<table>
<thead>
<tr>
<th>Device type</th>
<th>Hulling and peeling machine</th>
<th>Stripping rate</th>
<th>≥99.5%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Output</td>
<td>6000kg/h</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rate of reduction</td>
<td>≤2%</td>
<td>loss rate</td>
<td>≤0.2%</td>
</tr>
<tr>
<td>Machine weight</td>
<td>1950kg</td>
<td>Number of operators</td>
<td>3-4person</td>
</tr>
<tr>
<td>motive power</td>
<td>Shell peeling machine 24.5kw</td>
<td>stone remover 9.5kw</td>
<td></td>
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</tbody>
</table>

How does the peanut automatic sheller run?

The peanut huller is composed of a frame, an electric fan, a motor rotor, a single-phase motor, a stainless steel screen, a feeding bin, a vibrating screen, a triangular belt wheel and a transmission triangular belt.

The peanut shells are quantitatively and uniformly put into the feeding hopper of the peanut huller, and the peanut shells are crushed under the repeated blows of the motor rotor and the action of friction and impact.

The peanut shell and the broken peanut shell are subjected to secondary shelling by using a stainless steel mesh screen with a certain aperture, a large-hole stainless steel screen for primary threshing of the peanut, and a small-sized peanut dehuller, which is cleaned by the large and medium-sized peanut dehuller, in the rotary air pressure and the blow-down of the motor rotor. At this time, the peanut shell and the peanut kernel are subjected to the blowing force of the rotating electric fan of the peanut huller, the lighter peanut shell is blown out of the machine body, and the peanut kernels are screened for the purpose of cleaning by the screening of the vibrating screen.
**Tips on the operation of peanut sheller:**

1. In the case of fine finishing, the dry-belt-shell peanut usually has the problem of dust, the environment-friendly production of the peanut huller is reduced, but there is still a small amount of floating dust.

2. Connect the three-phase power supply before using, then turn on the motor, see if the running direction is the same as the direction of the arrow mark. If not, any two connecting heads in the power supply shall be interchanged to be the same as the direction of the arrow mark.

3. After the test run, if all parts of the equipment are in normal operation and there is no abnormal sound, the production can be finished.

4. Before the production, the shell and the peanut are sorted, and the shell and the peanuts with different sizes and sizes are separated, and then a proper specification and model sieve is used. So that the productivity can be greatly improved, and the crushing rate can be reduced.

5. The water content of peanut should be maintained at 9% or so. Otherwise the breaking rate will become large. In this case, the production can be carried out first with water (4 hours in winter and 2 hours in summer).

Peanut shell removal machine is designed according to the needs of the market, according to the characteristics of shell peanut fruit, such as particle size, hardness and so on. Peanut Sheller and Peanut stone cleaning machine are professional industrial equipment which can replace manual work in the production and processing of peanut with shell.