

Palm Nut Shelling Machine

Introduction to Palm Nuts Shelling and Separating Machine



This **palm nuts shelling and separating machine** is specially and newly developed to be used for cracking and separating palm nuts. It consists of palm nuts shelling machine and palm nuts kernel separator machine. The [palm nuts shelling machine](http://shellingmachine.com) is mainly applicable for dividing the palm kernels into the outer hard shell with high efficiency. The separating machine is for separating the palm nuts kernels from the cracked shells clearly and completely. There are two different types with capacity of **200-300 kg/h** and **1000 kg/h** as your choice.

(1000 kg/h) Large Unit of Palm Nuts Shelling and Separating Machine



Features of Large Palm Nuts Shelling and Separating Machine

- ★ Different with the small one, the large palm nuts shelling machine is with big capacity and equipped with an elevator to transmit materials and a barrel.
- ★ It cracks nuts hard shell at one time, with grading system, shelling completely and no broken kernels.

★ The large palm nuts separating machine separates shells and kernels completely at one time with kernels pure and clean finally.

★ It is professionally used for separating meat from hard-shelled nuts, such as palm nuts, walnuts, cashew nuts, almonds and other types of hard-shelled nuts.

Advantages of Large Palm Nuts Shelling and Separating Machine

1. Taking advantage of different gravity of shell and kernel to separate
2. High shelling rate over 95%
3. Good quality, suitable for different nuts
4. Easy operation. Just put the mixture in the shaft, then kernel and shell will flow from two sides.
5. Reasonable design and low broken rate

Large Palm Nuts Shelling and Separating Machine Technical Parameters

Function	Model	Capacity	Power	Weight	Dimensions (L*W*H)
Shelling	TK-02	1000 kg/hour	6.75 kw	1900 kg	3100*2000*2150 mm
Separating	FL-02	1000 kg/hour	4 kw	360 kg	3500*1100*1650 mm

* The large palm nuts shelling machine is equipped with an elevator and a barrel

Elevator dimensions: 4650*500*400mm

Barrel dimensions: 1000*1000*1000mm

(200-300 kg/h) Small Unit of Palm Nuts Shelling and Separating Machine

Features of Small Palm Nuts Shelling and Separating Machine

◆ Palm nuts shelling machine is available for palm nuts cracking and shelling of different size and hardness.

◆ It cracks palm nuts one time one size and the roller gaps can be adjusted for other sizes cracking.

◆ Palm nuts shelling machine also can be used for cracking other kinds of nuts, such as apricot nuts, hazel nuts, almonds, etc.



◆ Palm nuts kernel separating machine is available for separating nuts kernels from hard shells with the help of airflow.

Advantages of Small Palm Nuts Shelling & Separating Machine

- ★ Professional and advanced skill, big capacity, equipped with belt conveying elevator and feeder.
- ★ High shelling rate over 95% and low damage rate of 1%.
- ★ Easy operation, fast processing, no broken kernels in the separating process.
- ★ Compact structure and reasonable design.
- ★ Saving time and energy, improving working efficiency.

Small Palm Nuts Shelling and Separating Machine Technical Parameters

Function	Model	Capacity	Power	Weight	Dimensions (L*W*H)
Shelling	TK-01	200-300 kg/hour	1.5 kw	260 kg	2350*770*1600 mm
Separating	FL-01	200-300 kg/hour	2.2 kw	230 kg	1970*920*1350 mm

Palm Nut Shelling Machine Working Video

<https://www.youtube.com/watch?v=4WAQNiwdfy0>

Applications of Palm Nuts Kernels



The palm nuts kernel is the edible seed of the oil palm tree and it can be used to extract palm kernel oil which can be fractionated into a liquid (olein), solid (stearin), and an intermediate fraction as shortening. Palm fruit oil as a liquid

for frying and other cooking processes is a healthier alternative to other sources of cooking oil and as a shortening for baking and in pastries provides a light, flaky texture. Palm nut oil also accounts for about 15 to 20 percent of the total ingredients of soap. Flaked palm nut oil is sold for about \$3.00 per pound, is usually bleached white and is odorless. Besides, after oil is rendered from the kernel, the pulp left is formed into "palm kernel cake", used either as high-protein feed for dairy cattle or burned in boilers to generate electricity for palm oil mills and surrounding villages. Therefore, the palm nut kernels have wide usages and a great future. It is worth of your investment.