

How much does peanut oil extraction machine cost

peanut oil production plant



Option 1:

If the processing capacity is less than 5 tons/day, you can choose a simple machine or three piece set, including a roaster, a peanut oil press and a plate filter. The machine price is \$3900-\$13000.

Option 2:

If the processing capacity is 5-20 tons/day, it is a small scale peanut oil production line,

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including cleaning machine, roaster, oil press, plate filter, and the price is \$12000-\$60000.

Option 3:

If the processing capacity is 20-100 tons/day, including cleaning machine, shelling machine, softening pot, embryo pressing machine, oil press, filter and other equipment, the price is \$60000-\$180000, and the cost can be adjusted according to the processing capacity.

The production process of peanut oil is different, and the peanut oil extraction machine cost is also different. The production process of peanut oil mainly includes physical pressing method and chemical leaching method. Next, I will introduce to you peanut oil extraction machine prices corresponding to different production processes.

The common production process of peanut oil is physical pressing, which is suitable for peanut oil pressing plants with a processing capacity of less than 50 tons per day. If the processing capacity is larger, the chemical solvent extraction method for oil extraction is more economical, the oil yield is higher, and the machine price is more expensive. Because the leached oil must be refined to remove chemical residues to meet edible requirements. If 50 tons of peanut seeds are to be processed per day, a pretreatment workshop, a solvent extraction workshop and a refining workshop are required, the total cost of the machine is about \$600,000.

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The above is an introduction to the peanut oil extraction machine cost . we Company can customize a suitable peanut oil production plan for you according to your actual needs and budget. In addition, we Company can also provide you with soybean, sunflower, rapeseed and other oil extraction machine. If you need, please feel free to contact us.

How does pretreatment help in the processing of edible oil?



In the edible oil processing industry, pretreatment mainly includes two steps: cleaning and embryo making, but there are many specific operation processes, covering the

cleaning, shelling, crushing, flaking, roasting, and puffing of oil. The pretreatment machines involved mainly include shelling machine, cleaning machine, crushing machine, flaking machine, roasting machine, etc. The pretreatment help in the processing of edible oil, which can improve the oil yield of oil seeds, and maximize the benefit of the factory. That is to say it is indispensable for large and medium-sized cooking oil manufacturers.

So how does this series of oil pretreatment help in the processing of edible oil?

1. Get embryos with good structure and high oil yield

The primary purpose of pretreatment is to put the oil seeds in a state more suitable for pressing and increasing the oil yield. Pretreatment can clean up mechanical impurities in raw materials, improve the shape of oil, increase oil contact area, destroy the internal cell structure, and remove the non-oil part in oil, creating conditions for processing into embryos that can shorten the oil path, and have high oil yield.

2. Get good quality oil and cake

After pretreatment, the oil has less impurities and the final oil extraction rate is high.

There are no impurities in the oil, it is easier to filter, and the oil quality is good.

The cake size, structure, and state are suitable, not agglomerated or scattered, and can

be used for the feed, protein and other by-products.

3. Reduce machine loss and extend machine life

The pretreatment help in the processing of edible oil, which can prevent mechanical impurities such as soil, stones, iron and other impurities from entering the press machine, causing blockage and wear to the machine. In addition, crushing, softening and rolling of some oils with larger particles such as soybeans and peanuts can reduce the pressure of press machine, thus extending the service life of the machine.

Pretreatment help in the processing of edible oil and is an indispensable part of edible oil production. Through the steps of cleaning, crushing, shelling and flaking, not only can the oil yield be greatly improved, but it also helps to ensure the quality and nutritional value of edible oil, obtain high-quality by-products such as cakes and meal, and increase profits. We can provide a full set of automated oil pretreatment machines and has rich experience in oil seeds pretreatment and processing. If you are interested in our oil seeds pretreatment machines and other cooking oil processing plants, please feel free to contact us.