

## How profitable it is to invest scrap tyre refining oil production plant



The use of waste tires for oil refining does have significant profit margins. At present, the price range of tire oil is 2,800 to 3,000 yuan per ton, the price of carbon black is between 300 and 450 yuan per ton, and the price of steel wire is maintained at 1,000 to 1,200 yuan per ton. If the lowest data is used as the basis for calculation, the profit can be obtained by processing each ton of waste tires is close to 500 yuan. Specifically, waste tires are processed by refining equipment, and their oil yield can usually reach 40-45%, that is, each ton of waste tires can produce about 4-4.5 tons of oil.

According to this oil yield, the value of a ton of oil is 3,000 yuan multiplied by 4.5 tons, which is equal to 13,500 yuan. At the same time,

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the proportion of carbon black in waste tires is about 30%, if direct sales, 400 yuan per ton, then the value of 3 tons of carbon black is 1200 yuan.

Of course, carbon black can be further refined into semi-reinforced carbon black products such as N550, N660, and N774. In addition, the proportion of steel wire in waste tires is about 10%, and it also has a sales value, and its price is about 1000 yuan per ton.

Waste tire refining equipment is indeed a good way to make money. So why and how much money can we make from this device? It starts with the composition of used tires. Automotive tires, for example, are roughly 45% rubber/elastic, 23% carbon and white black, 16% metals, 6% textiles, 1% zinc oxide, and 8% other additives. It can be seen that waste tires are rich in valuable components such as carbon black. Pyrolysis oil, carbon black and steel wire products can be extracted through professional pyrolysis reaction treatment, such as the technology adopted by Henan Beigong Waste tire Plant. It is worth mentioning that the entire refining process is pollution-free and meets the requirements of environmental protection.

Therefore, the refining of waste tires is not only feasible, but also should attach great importance to environmental considerations. In this regard, the waste tire refining equipment produced by Henan Beigong Machinery

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Equipment Co., Ltd. has significant advantages. For example, its horizontal condenser adopts a 40-tube overall structure, which ensures a large oil-water contact area and a full cooling effect; At the same time, the reactor of the equipment is a standard pressure vessel with pressure heads at both ends, which can withstand high pressure and high temperature environments.