

# What is a concrete scarifier cutter

Concrete scarifier cutter blade can be used to remove concrete and asphalt, epoxy floor.



## Concrete scarifier cutter material

The material is generally alloy structural steel, which is processed by CNC lathe to ensure the same size. The hardness reaches about 48HRC after heat treatment. The cutter tooth is carbide alloy processed from tungsten carbide and cobalt metal.

## Concrete scarifier cutter classification

Concrete scarifier cutter is a quick-wear parts. The tungsten cutter is classified embedded cemented carbide cutter blades (5 teeth, 6 teeth, 8 teeth, etc.) and integral cemented carbide cutter blades.

A. The embedded cemented carbide scarifier cutter has 5 teeth, 6 teeth, 8 teeth, 12 teeth, 16 teeth and 24 teeth. The shape of cutter pin is cylindrical, sharp tooth and square strip.

B. The cutter hole diameter is determined by the diameter of the scarifier cutter shaft. The hole diameter of the cutter is generally 4-6mm larger than the diameter of the cutter shaft to ensure that there is a certain gap between the cutter and the cutter shaft after assembly.

C. The circular cutter is mainly used for scarifying floors, cement and asphalt pavements. The

scarifying depth is deep, and the surface after scarifying is rough.

D. The square cutter is mainly used for scarifying, removing road traffic markings and hot melt paint on the ground. The scarifying depth is shallow, and the surface after scarifying is flat.

## Wah does a concrete scarifier cutter do?

Below is concrete scarifier cutter application:

1. Plane concrete floor, asphalt floor, epoxy resin floor, wear-resistant ground or lightly planing the ground;
2. Remove the ground coating, paint, and various road markings; when the ground is damaged and the dirt needs to be refurbished;
3. Remove the epoxy floor surface, etc.

In recent years, with the needs of construction, the working width of concrete scarifying machinery has reached 320mm. Most of them are equipped with 6 cutter shafts and 200 cutters. The cutters are 6-8 points cemented carbide cutters, and the planer machine weight is about 130kg. Otherwise, the scarifying performance is very poor. It is applicable to the scarifying treatment of a wide range of floor, the cleaning of the sign line of the concrete pavement, the roughening and leveling treatment of the concrete floor, bridge deck and pavement, and the cleaning of the old coating on the floor.

If you want to scarifying deeper and faster, the scarifier should need to be equipped with power of more than 20 horsepower. Of course, this high-power scarifying machine is not hand pushed. Its forward and backward are driven by hydraulic motor, and the cutter is 12-24 points large cutter. The maximum depth of scarifying asphalt pavement can reach 20mm / each time, and scarifying C50 cement concrete pavement can reach 10mm / each time.

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