

Cutterhead Dredger Front Part



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A hydraulic rotating cutter head is a component of a cutter suction dredger that is used to break up and cut through material, such as soil, rock, and other sediment, that needs to be excavated or removed from the bottom of a body of water. It is typically mounted on the front part of the dredger and rotates at high speed to effectively cut and shred the material into smaller pieces. The dredge cutter head is powered by a hydraulic motor, and it is capable of digging into the material and breaking it up, which makes it easier for the dredger to pump the material out of the water. Some rotating cutter heads also have teeth or cutting edges that are specially designed for specific types of sediment, such as clay or hard rock, to improve their performance and efficiency.

We manufacture complete cutter ladders units for various types of [cutter suction dredgers](#). Each unit comes with a cutterhead (complete with hydraulic motor) and a ladder construction. The cuttershaft also includes the necessary underwater bearings. The cuttershaft is capable of handling a power of up to 1000 kW.

[What types of teeth can be attached](#) to a cutterhead?