

IHC Beaver

The IHC Beaver 500 MM (20inch) is a Cutter Suction Dredger, a type of hydraulic dredging machine used to excavate sediment, typically from the seabed or riverbed. This dredger was built in 2008 and has a total dry weight of approximately 96.4 tons.

The dredger has an overall width of 7.95 meters and an overall length of 25.50 meters, with an average draft of 1.50 meters. The suction diameter and delivery diameter are both 500 mm, and the dredging pump is a Type IHC HR/MD 91-19-45 with a power output of 690 kW.

The prime mover for the dredger is a CATERPILLAR 3508 B-SCAC with a power output of 746 kW (1022 hp), while the auxiliary power is provided by a CATERPILLAR 3406 C with a power output of 344.5 kW (472 hp). The dredger is equipped with a cutter that has a power output of 170 kW and swing winches that operate hydraulically.

The maximum standard dredging depth for the IHC Beaver 500 MM is 16 meters, and it can transport wastewater up to a maximum distance of 3,000 meters and an average distance of 2,000 meters. The dredger has an average output of 400 cubic meters per hour and an average daily production of 3,200 cubic meters over a 10-hour period.

Overall, the IHC Beaver 500 MM is a powerful and efficient cutter suction dredger that is suitable for a wide range of dredging applications.

Need more information about this one or a new build, don't hesitate to [contact](#) us!