

IHC Beaver 500 MM Cutter Suction Dredger

Overview of the IHC Beaver 500 MM

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

Key Features of the IHC Beaver 500 MM

- **Overall Width:** 7.95 meters
- **Overall Length:** 25.50 meters
- **Draft:** 1.50 meters
- **Suction Diameter:** 500 mm
- **Delivery Diameter:** 500 mm
- **Dredging Pump Model:** IHC HR/MD 91-19-45
- **Pump Power Output:** 690 kW

Engine Specifications

- **Prime Mover:** CATERPILLAR 3508 B-SCAC (746 kW / 1022 hp)
- **Auxiliary Power:** CATERPILLAR 3406 C (344.5 kW / 472 hp)
- **Cutter Power:** 170 kW
- **Swing Winches:** Hydraulic operation

Dredging Capabilities

- **Maximum Dredging Depth:** 16 meters
- **Maximum Transport Distance:** 3,000 meters
- **Average Transport Distance:** 2,000 meters
- **Average Output:** 400 cubic meters per hour
- **Average Daily Production:** 3,200 cubic meters (10-hour period)

Why Choose the IHC Beaver 500 MM?

The IHC Beaver 500 MM is a powerful and efficient cutter suction dredger, making it suitable for a wide range of dredging applications. Its robust design and advanced engineering ensure reliable performance even in challenging conditions.

Contact Us for More Information

Need more information about this dredger or a new build? Don't hesitate to contact us! We'll be happy to provide details and assist with your dredging needs.