

ELECTRIC DECK MACHINERY - FREQUENCY INVERTER CONTROL

BillBoard Engineering Co., Ltd. outstanding experts in design and manufacture of marine mooring equipment.

- All winches are available with either electrical or hydraulic drive.
- Winches can be supplied pre-assembled on a base or with fitting accessories for instance a bolt/bracket connection.
- Reduces the assembly time dramatically.
- Later service or replacement will be much easier.

Combined Anchor / Mooring Winches

- Designed for anchor chain dia. from 16mm to 122mm.
- Manual or remote in automatic system with frequency inverter and electronic load sensing in mooring operation.
- Compact design with integrated cable lifter, deck-space saving and quick installation.
- Fully sealed gearbox with gearwheels are oil-bathed with virtually no requirement for maintenance.
- Control stand with plug and socket cable fro quick connection. IP56 for marine purpose.



Model : DDE-80T-FC-S-R
- Electric Driven
- Frequency Control
- Double Drum with Spooling Device

Model : DE-20T-38X300M-FC-S-A



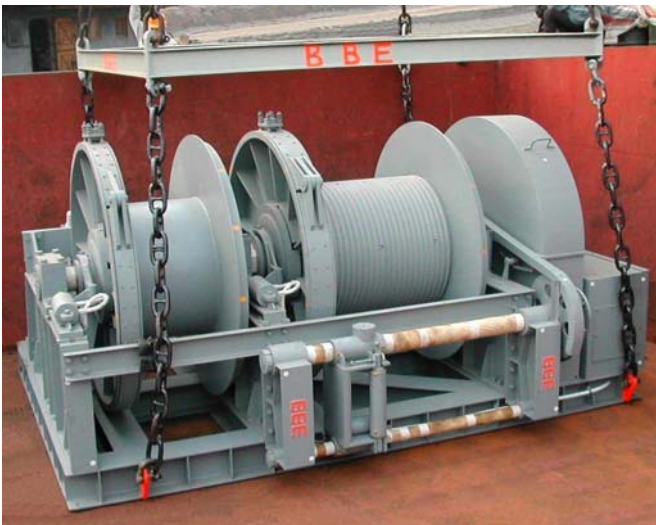
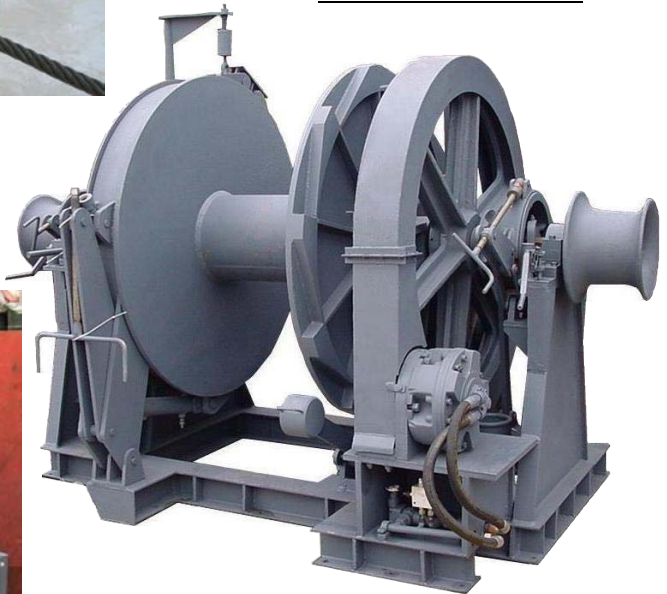
Model : WDE-36T-36X500-FC
- Pull Load 36 Tons

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**Model : DE-20T
- with Load Tensioner**

**Hydraulic Towing
Winch and Windlass
Model : CWD-92**



Model : DDE-80T-FC-S-R

**Model : DE-36T-36X500M-FC
- Pull Load 36 Tons
- with Frequency Control**



The range of anchoring and mooring winches is compact and easy to install by modular design, reliable systems to customers worldwide. We have the capability to meet customer demands regarding performance and cost-effectiveness.