

SHARK JAWS



STANDARD FEATURES

OPTIONAL FEATURES

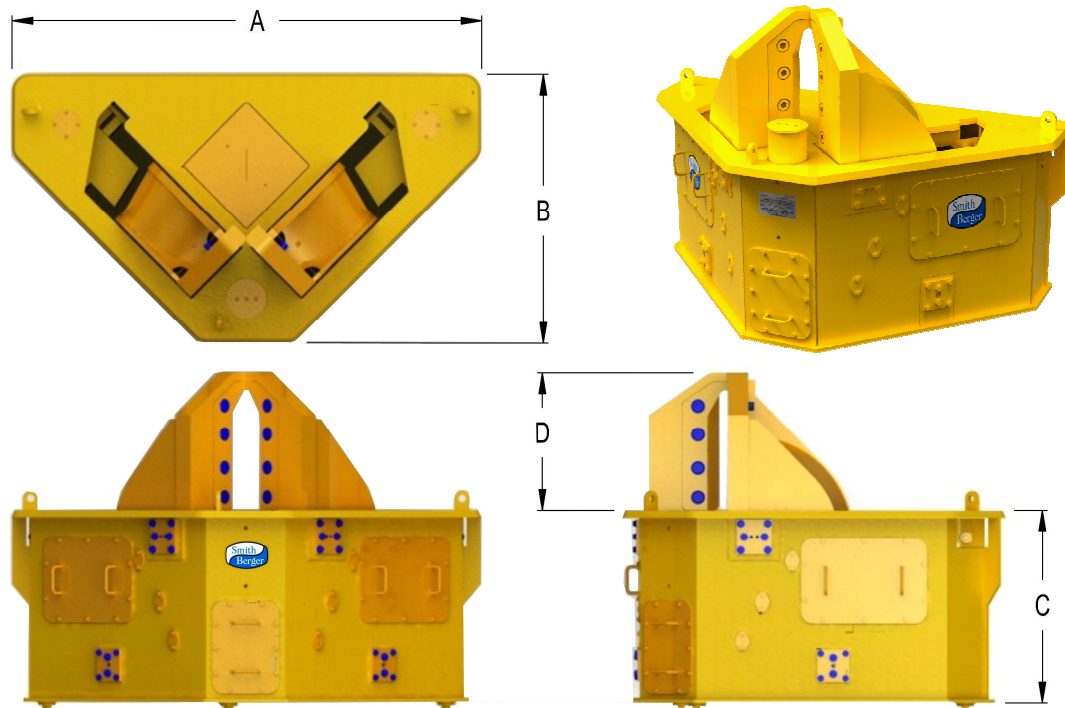
- Standard Ratings; 100, 200, 350, 500 & 750 MT.
- Quick Release at Rated Load
- Interchangeable Jaw Insert Plates
- Heavy Duty Hydraulic Cylinders
- Hydraulic Power Unit and Remote Control Panel
- Marine Paint System
- Equipment Customized to Suit the Operating Characteristics of any Vessel
- Third Party Certification
- Load Monitoring System
- Load Tests
- Local Controls

Smith Berger Marine, Inc. - Mooring & Towing Solutions

7915 10th Ave. S., Seattle, WA 98108 USA

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| MODEL | MAX. CHAIN | MAX. WIRE | A | B | C | D | WEIGHT |
|---------|------------|-----------|---------|---------|--------|--------|-----------|
| 100 TON | 3-1/4" | 3-1/4" | 79 5/16 | 46 5/16 | 30 1/2 | 15 1/4 | 4100 LBS |
| 200 TON | 3-1/2" | 3-1/2" | 80 1/2 | 46 | 33 | 23 5/8 | 5200 LBS |
| 350 TON | 4-1/2" | 4-3/4" | 99 | 56 | 43 1/2 | 23 5/8 | 9240 LBS |
| 500 TON | 5-3/4" | 6" | 114 1/4 | 60 3/4 | 52 1/4 | 27 1/2 | 19740 LBS |
| 750 TON | 7" | 7" | 104 5/8 | 73 7/8 | 82 1/2 | 32 3/4 | 35400 LBS |

- The jaws and wire lifter are raised and lowered independently using heavy duty marine grade hydraulic cylinders.
- All operations are remotely controlled from a control panel located in the pilot house and/or locally. Controls take advantage of PLC based technology allowing for easier installation with less electrical wiring. A dedicated hydraulic power unit is provided with each unit.
- When the jaws are retracted they are flush with the deck in their own water-tight frame with drain fittings.
- Smith Berger Shark Jaws feature a QUICK RELEASE system allowing for immediate release of the chain or wire with the simple push of a button – causing both jaws and the wire lifter to retract simultaneously. Using energy stored in hydraulic accumulators, the jaws can be released at the rated loads even when there is no power on the vessel.
- Intended for use with both chain and wire rope. Replaceable jaw inserts are available for different chain sizes.
- When the jaws are raised they are locked into position with over-center linkage assemblies, taking the load off the hydraulic cylinders. Pressure switches and audible alarms advise operators that jaws are fully raised and locked.
- ABS, LRS and DNV approval available. Every unit is functionally tested at the factory.

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