REEL SYSTEM OVERVIEW
The ClydeUnion S&N Pumps E-Z Lift Zeus is a fully automated, safe, single man operated, overboard deployed seawater lift system. Each system is specifically designed for harsh offshore conditions and features:

• An overhead I-Beam with a custom automated trolley that extends over and beyond the deck and deploys the seawater lift pumps
• Dual heavy duty, non-collapsible, 15 cm or 20 cm (6" or 8") hose in 380 cm to 510 cm (150’ to 200’) lengths
• Each system is designed with a wire rope inside each hose, and will support the entire weight of the pumps, shroud and full water columns, eliminating hose stretch and extending hose life
• The E-Z Lift Zeus system can handle a full range of pumpsets up to 225 kW (300 HP)
• 2 year warranty on the motor, gearbox and control panel

TYPICAL APPLICATIONS
• Pre-fill/ballast
• Deluge/water curtain
• Cooling water
• Fire water

TYPICAL MARKETS
• Wind turbine installation vessel
• Production platform
• Jack-up rig
• Semi-submersible

TECHNICAL DATA
Capacity: up to 1,800 m³/hr / 8,000 USgpm
Delivery head: up to 6-9 m / 20-30 ft
Flange drilling: ANSI
Hose rating: ABS - GL - DNV fire retardant

Zeus
E-Z LIFT REEL SYSTEM
FEATURES + BENEFITS

1. **Overhead I-beam**
   I-Beam with a motor driven nook supports hose deployment trolley

2. **Overhead trolley system**
   Automated deployment trolley extends over and beyond the deck and lowers the pump into the water

3. **Custom fabricated pump shroud**
   Stainless steel custom shroud protects the pumps and functions as a ballast weight

4. **Electric submersible pump**
   Pumps can be provided by ClydeUnion S&N Pumps or existing pumps can plug and play

5. **Pump motor control panel**
   NEMA 4X enclosure with LED screen. Pump on/off switch & flow meter. All 316 stainless steel hardware

6. **Gear drive & motor**
   22 kW (30 HP) motor rated for marine use. VFD speed control & electric fail-safe brake

7. **Reel control panel**
   NEMA 4X enclosure with an LED screen and internal data packet. Automated PLC, push button deployment/retraction & depth deployment control. All 316 stainless steel hardware