#### **Buoyancy Airbags**



## **Advanced Buoyancy Airbags for Marine and Offshore Applications**

Since 2008, NANHAI Airbags have been at the forefront of developing and manufacturing high-quality buoyancy airbags for a variety of marine applications. These buoyancy airbags are essential for wrecked ship salvage, underwater pipeline laying, and box culvert installation. In 2013, NANHAI expanded their technology into offshore oil engineering.

### **Key Features of NANHAI Buoyancy Airbags**

- **Sufficient Lift Capacity**: Buoyancy ranges from 1 to 200 tons, suitable for a wide range of applications.
- **Deepwater Suitability**: Ideal for deepwater salvage activities, providing reliable performance under challenging conditions.
- **Puncture and Abrasion Resistance**: High resistance to punctures and abrasions ensures durability and longevity.
- Excellent Air Tightness: Designed to maintain air tightness even under high pressure.
- Unique Nylon Wrapped Nets: Prevent pontoon slippage and facilitate easy recovery during offshore operations.
- **Durability and Versatility**: Built to last, versatile, and easy to use in various marine and offshore applications.

# **Quality Assurance**

- **ISO9001:2008 Certified**: Certified by BV for quality management systems.
- **Compliance with IMCA D 016**: Adheres to the guidelines set forth in IMCA D 016 Rev 3 June 2007.
- **High Safety Standards**: Safe working ratio of 6:1, ensuring high safety during operations.
- **Ready for Immediate Use**: Equipped with all necessary hardware for immediate application.
- **Pressure Relief Safety Valves**: Installed at both ends to prevent overpressure.
- **Pre-Shipment Testing**: Each pontoon is rigorously tested prior to shipping to ensure quality and reliability.

## **Applications of Buoyancy Airbags**

- Wrecked Ship Salvage: Essential for lifting and recovering sunken vessels.
- Underwater Pipeline Laying: Provides buoyancy assistance for laying pipelines underwater.
- **Box Culvert Installation**: Facilitates the installation of box culverts in marine environments.
- Offshore Oil Engineering: Used in various offshore oil engineering applications, ensuring safety and efficiency.