

Seatrax “SB Series” Platform Utility Cranes

Advantages Over Conventional Box Boom Cranes

Proven Safety Features

- API Type E **kingpost design**. No “Rotek”-type **slew bearings** or attachment bolts that can fail needed. The crane is permanently welded to the platform topsides.
- Integral **anti-two-block feature**. No **hanging weights, boom-mounted valves** or **hoses** required.
- Cable-suspended **boom** ensures smooth and safe lowering of the **boom**.
- External **fail-safe drum brakes** on Seatrax **hoists**. **Geartrain** failures need not result in loss of the load.

Low Ownership Costs

- Solid surface **booms** are easy to paint and maintain. Seatrax SB Series platform cranes are the first to combine the ease of coating maintenance associated with box **booms** with the safety and capacity of **lattice booms**.
- Single-part **hoist lines**. Loads up to 20 tons can be handled with a single-part line and overhaul ball. Multi-sheave **blocks** and long **hoist lines** are no longer required. The length of **wire rope** can be spooled on one **drum** layer.
- Corrosion resistant rigging consisting of nylon **sheaves, stainless steel pins** and **galvanized wire ropes** eliminate the historical problems long associated with cable-suspended **booms**.
- Cable-suspended **boom** ensures the **boom tip** can be lowered at least 10 degrees below horizontal to facilitate inspection and maintenance activities.
- No “Braden”-type winches. The use of Seatrax **hoists** means scheduled periodic removal or inspection of the **hoists** is never required
- Integral load weighing feature incorporated in Seatrax single-part **hoist** ensure periodic maintenance of **electronic** or **hydraulic** load cells is not required.

Better Performance

- Higher lift capacity at extended reaches is an inherent advantage of cranes with cable-suspended **booms**.
- Greater **hook** speeds at the supply boat deck can be achieved because of the single-part/single-layer **hoist** configuration.

