

# Seatrax Overhaul Ball Assembly

The Seatrax **overhaul ball** assembly has a unique design with features that have been duplicated throughout the industry.

A cut-away view of a typical **overhaul ball** assembly is shown at the right. Enclosed in the **ball** are the **wedge socket** and **wire rope clamp**. This prevents these critical items from becoming damaged or deformed. The design of the **ball** also incorporates part of the patented Seatrax anti-two-blocking system. This allows the top of the **overhaul ball** to contact the boom-mounted half of the anti-two-blocking system without damage.

Attached to the **wedge socket** is the **swivel**. This permits the **ball**, **stinger cable** and **hook** to rotate 360° regardless of the **wire rope** and **wedge socket**. This is designed to ease the attachment of loads.

Fastened to the bottom of the **swivel** is the **ball retaining plate** and **stinger cable**. The **ball retaining plate** simply holds the **overhaul ball** in place over the **wedge socket**. The two retaining **bolts** can be removed to slide the **overhaul ball** up for inspection or service of the **wedge socket**.

The flexible **stinger cable** is 7-feet (2-meters) long and designed to keep the **overhaul ball** well above the deck crew attaching the load. This safety feature is especially helpful when lifting loads from a heaving boat deck.

At the end of the **stinger cable** is the **safety hook**. This **hook** has a spring-loaded safety latch and is approved and certified for lifting personnel.

These overhaul ball assemblies are approved by ABS, API, DnV, and Lloyds and have been standard on all Seatrax cranes for many years.

