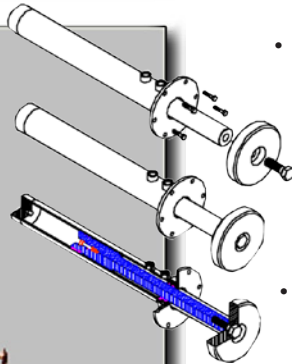
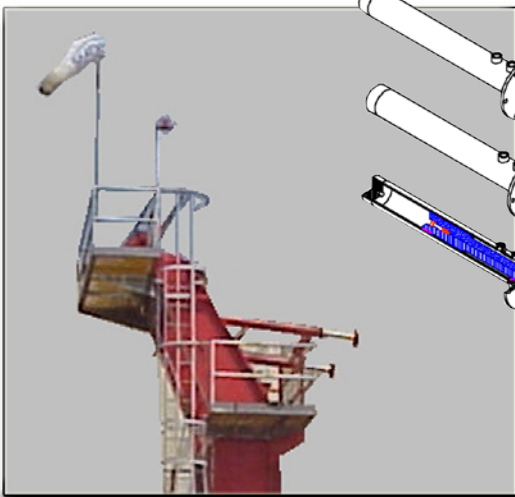


# Seatrax Counter-Luffing Boom Kick-Out

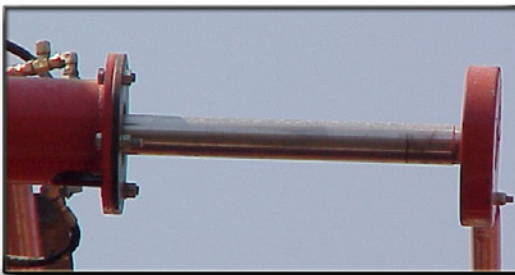


With the growth of the oil and drilling industries moving toward deepwater offshore operations, more supplies and larger equipment are stored on location. Many platforms and rigs continue to lose storage and working space. This lack of space combined with platforms' increasing size, requires cranes be equipped with longer **booms** that must work at closer radii to maximize the use of available deck space.

To solve these problems, Seatrax uses its patented **boom stop**. The **hydraulic boom stop** offers several advantages over conventional **spring hard boom stops**, which include:



- The crane operator's upward and downward movement of the **boom** controls the movement of the **hydraulic boom stops**, allowing for automatic speed control while raising and lowering the **boom** when it is working at a close radius.
- Controlling the motion of the **hydraulic boom stop** allows the crane to work at higher than normal **boom** angles, which uses more deck area around the crane.
- Extending the **hydraulic boom stop** pushes the **boom** forward and acts as an additional kick-out control, preventing the **boom** from becoming trapped at high angles because of dynamic conditions, such as high winds.
- Booming up into the **boom stops** forces **hydraulic oil** against the **boom hoist control valve**, which acts as a gradual speed reducer of the luffing hoist.



## SEATRAX



- The **hydraulic accumulator** located in the **valve cabinet** ensures adequate **hydraulic pressure** is delivered to the **boom stop hydraulic cylinders** upon demand.
- The pneumatic horn on the crane sounds when the **hydraulic cylinders** are compressed.

Packages are available for:

- **S56 Series Cranes**
- **S72 Series Cranes**
- **S90 Series Cranes**
- **S108 Series Cranes**
- **S115 Series Cranes**
- **S126 Series Cranes**