

## New E-Crane for handling biofuels formally handed over to HOFOR

*The 10 tons capacity E-Crane material handler serves vessels up to Panamax size. The crane will handle coal and biofuels for the power generating plant Amagerværket in the city of Copenhagen.*

It took E-Crane 6 months to build the crane, which is mounted on a high and wide, special rail bound gantry. Assembly, testing and commissioning at the very narrow quay site took another 2 months. After training the crane operators and following a successful handover, the crane is now operational and performance exceeds expectations.

### **E-Crane stands for Equilibrium-Crane – an advantageous balanced crane concept**

The equilibrium principle, perfected and implemented successfully in well over 200 cranes by E-Crane of Belgium, provides a nearly perfect balance between the movable counterweight and the weight of the crane boom and the stick plus half of the payload, at all radii.

Outstanding benefits are:

- a. Very low energy consumption compared to any other hydraulic material handling machines
- b. Very low wear costs as the crane operates with low pressures and the balance is ensuring an equal load spread on components.
- c. Smooth, harmonic crane movements
- d. High operator comfort, supporting high productivity and excellent ergonomics.
- e. Extremely silent inside and outside.
- f. Unique, adjustable floating point, which helps to ensure grab filling in difficult conditions and prevents damage to ships and tools.

HOFOR is supported 24/7 by Port-Trade crane service.

