

**E-DREDGER®**

# **E-CRANE®**

## **EQUILIBRIUM**

### *Worldwide*

*Extraordinary Products by Extra Ordinary People*



**"The E-Dredger® : offering a green and cost efficient alternative for maintenance dredging operations."**

Owner :	<b>HERBOSCH-KIEREN.V.</b>
Operator :	<b>N. KRAAIJEVELD B.V.</b>
Type :	10290B
Location :	European ports
Application :	Port and River Maintenance
Mount :	Self-propelled spud barge
Lifting Capacity :	15.5 UStons / 14 Mtons
Reach :	95 ft / 29 m
Dredging depth :	>60 ft / >18 m
Attachment :	6 yd <sup>3</sup> / 5,5 m <sup>3</sup> Clamshell Grab
Power Source :	300-hp/225 kW Electric Motor

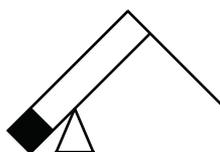


The new E-Dredger® features the renowned E-Crane equilibrium principle for smooth, efficient, energy saving operation in a multitude of dredging and related applications. These include sites where E-Crane customers typically operate, such as piling, ship salvaging, heavy demolition with dynamiting, classic dike works, construction of breakwaters, quay construction, land reclamation, and beach and embankment preservation.

Recently, an E-Dredger® was installed onto a self-propelled spud barge for our client Herbosch-Kiere (part of the group Eiffage) in Kallo, Belgium. The 1500B Series, model 10290 E-Dredger® has a horizontal reach of 29 meters, a lift capacity of 14 tons and a dredging depth of more than 18 meters, and will be mainly used for dock, lock and port maintenance jobs. The dredging ship 'Albatros' is operated by Dutch water engineering company N. Kraaijeveld B.V. (also part of the group Eiffage), has started operation in the Port of Rotterdam in 2009, and will start work in the port of Zeebrugge in 2010.

According to Mr. Geert Van Mulders and Mr. Roger Decorte from Herbosch-Kiere the benefits of the E-Dredger® include *"the low cost per ton and the flexibility of travelling under bridges with the barge that offer us an economic advantage over our colleagues as well as an environmental friendlier alternative over traditional rope cranes and excavators"*.

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