

1500 SERIES



CUSTOMER: İÇDAŞ

In 2007 İÇDAŞ set out to look for an alternative for their fleet of hydraulic material handlers. While they recognized the advantages a hydraulic material handler offers compared to rope cranes, the limited machine life in combination with high operating cost made them look for a suitable alternative.

This is why they got in touch with E-Crane® who could offer an alternative with both a much longer life as well as lower operating cost. In 2008 the first E-Crane® was delivered to İÇDAŞ Biga steel mill soon followed by an identical unit in 2009 and a third unit in 2014. The crawler mounted E-Cranes are used for different purposes:

Type:	9317 B CR-D
Location:	Biga, Turkey
Application:	Ship Unloading Stockpile Operation Basket Loading
Mount:	High Portal Crawlers
Lifting Capacity:	15.5 tons
Reach:	31.7 m
Attachment:	5 m ³ Orange Peel Grab & Hook
Power Source:	225 kW Electric Motor & 360 kVA Diesel Genset

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The E-Cranes have greatly improved our scrap handling efficiency!
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from unloading vessels (coasters to Supramax size), stockpiling operation to loading baskets for heavy transporters. Over 80% of the time

the machines are directly connected to the available shore power, significantly reducing the operating cost even further. Since the E-Cranes were put into service both machines worked over 5,000 hours per year, with the oldest crane getting close to 60,000 hours!