

3000 C-SERIES



CUSTOMER: CARVER COMPANIES CHARLESTON

Carver Marine expanded their fleet by adding a 3000C Series E-Crane to their midstream cargo transfer facility on the Cooper River in Charleston, SC. Named "Grace", the E-Crane travels on rail mounted on a barge and is the only mobile bulk ship unloading crane of its kind in the area. The barge mounted E-Crane can be moved between sites and ships, and can operate as a midstream transfer station, or it can be positioned along a dock, giving Carver Marine a lot of flexibility.

Before the addition of the E-Crane, Carver relied on four traditional ship cranes (with a crew of eight or nine people) to offload cargo from ship to barge. This process required managing multiple moving parts. With the E-Crane, all of that complexity is condensed into a single, streamlined operation, with more efficiency and greater safety. The E-Crane

Model:	EC18450 GA-E
Location:	Charleston, SC, USA
Application:	Mid-stream transfer
Crane Lower:	High rail portal traveling on a barge
Duty Cycle Capacity	32,0 tons / 35.0 USton
Lift Capacity:	47,8 ton /52.6 USton
Reach:	45m / 148 ft
Attachment:	Scrap grapple 12m ³ / 16yd ³
Attachment (DRI):	9.5m ³
Attachment (Pig Iron):	6m ³
Power Source:	On-board generator

“Previously, we used four ship cranes to offload the cargo into barges. That’s a lot of moving parts. Now with the E-Crane, all those moving parts are condensed down into one state-of-the-art machine that’s able to work in a much more safe and efficient manner - Carver Companies, on E-Crane maritime operations in Charleston”

and smooth maintenance. The E-Crane operator sits in a comfortable, ergonomic cab, and can oversee the entire operation from an excellent vantage point.

The new E-Crane aligns with Carver’s emphasis on safety and environmental sustainability, and with Carver’s role shaping the future of the maritime sector. Carver’s forward-thinking approach gives their clients a better, more efficient solution for bulk cargo handling.

is powered by an onboard generator and is supported by a mechanical facility on the barge, ensuring minimal downtime