

1000C SERIES



CUSTOMER: CROWN CEMENT

As one of Bangladesh's leading cement manufacturers, Crown Cement PLC has significantly enhanced its raw material handling operations by installing 5 new E-Cranes at its main plant. This advancement has streamlined the unloading of essential cement raw materials – such as clinker, slag, limestone, and gypsum – resulting in reduced unloading times and improved overall productivity.

This journey began back in 2011, when Crown Cement installed two 700 Series E-Cranes at its facility in West Mukterpur, Munshiganj.

In 2017, the company introduced a different brand of unloading crane to accommodate its growing demand. However, due to unsatisfactory performance as well as increased unloading requirements, it became clear that a more robust and high capacity solution was needed. Consequently – in 2022 – Crown Cement placed an order for five 1000C Series (model EH7290 PD-E) E-Cranes to replace the 4 existing machines. Over time these new cranes were installed at multiple locations within the same plant,

Type:	EH7290 PD-E
Location:	West Mukterpur Munshiganj, Bangladesh
Application:	Clinker, Slag, Limestone, Gypsum
Mount:	Fixed Pedestal
Lifting Capacity:	20.3 tons
Reach:	29m
Attachment:	5m ³ Clamshell Grab
Power Source:	200kW Electric Motor

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These five new E-Cranes give Crown Cement a big boost to enhance our unloading capacity of raw materials, while still providing the same reliable performance and low operating costs we're used to.
- Engr. A.K.M Serajul Haque
Head of Operation
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with commissioning of the last unit being completed by the end of August 2025. The decision to upgrade from the 700 Series to the higher-capacity 1000C Series driven by limited river frontage, which necessitated maximizing unloading capacity within a

constrained area. The original 700 Series E-Cranes were successfully relocated to other Crown Cement plants, where they continue to operate effectively.

As of the latest records, their operational hours are:

- Crown Cement 1 – 64,360 hours
- Crown Cement 2 – 69,130 hours

Both the newly installed 1000C Series E-Cranes as well as the relocated 700 Series cranes are currently functioning efficiently, playing a vital role in supporting Crown Cement's ongoing operations.