

2000 SERIES



CUSTOMER: MURRAY ENERGY

Murray Energy, the largest underground coal mining company in the United States, has recently installed a new E-Crane® for handling fly ash at their facility near Moundsville, WV. Murray Energy produces about 65 million tons of coal annually, providing reliable electric power to many customers.

The new E-Crane® is barge mounted, and unloads barges of fly ash, a coal combustion byproduct. The fly ash is loaded into a specialized hopper, also mounted on the barge alongside the E-Crane®. The material is then conveyed to a truck loading station. Murray Energy chose the E-Crane® solution for its versatility and ability to handle this difficult material. The material properties vary greatly, but the adjustable push down force of the E-Crane® along with custom scrapers built into the grab handle the job no matter if the material is hard and crusty or wet and sticky. Additionally, the balanced design of the E-Crane® makes it ideal for barge mounting. Since the E-Crane® is always in a balanced state, there is very

Type:	18264 PD-E
Location:	Moundsville, West Virginia, USA
Application:	Barge Unloading
Material:	Combustion Byproduct
Mount:	Barge (166'x 50'x12')
Lifting Capacity:	27 tons
Reach:	26.4 m
Attachment:	10.7 m³ Hydraulic Clamshell Grab
Power Source:	450 kW Electric Motor

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minimal listing and movement of the barge during E-Crane® operations. Murray Energy is happy with the successful E-Crane® installation. According to Mr. Tom Crawshaw, Project Manager, **“The site equipment startup was quite good. It would be great if all of our equipment was working as well as the E-Crane®!”** The E-Crane® operator, Mr. Bryan Brown, also had high praise of the equipment

and E-Crane® company: **“I have been around cranes and excavators for over thirty years and watched many different companies install and put machines into service. I can say that I have never seen a more dedicated, professional, and caring group of technicians. The E-Crane® is a new concept to me and I had a lot of questions. Every E-Crane® guy I asked stopped what he was doing and carefully explained and answered my questions. Right out of the box, the E-Crane® and I are getting along great! The machine is massive, but controllable, smooth and fast. I'm planning to stick with this rig until retirement!”**