E-CRANE® QUILIBRIUM

700 SERIES



AMERICAN SHREDDER

American Shredder installed a 700 Series Model EC4290 E-Crane at their facility in Fort Worth, Texas to feed their 3000 hp shredder from a stationary position. The E-Crane was installed successfully and was up and running in less than two weeks.

The scrap yard has a limited amount of real estate with less than two acres of land. With the E-Crane's ability to stockpile scrap much higher than conventional material handlers, less land is required for scrap storage. American Shredder also utilizes a "high infeed" shredder with a scrap chute, as opposed to a low infeed belt. The E-Crane is the only material handler with the ability to feed a shredder of this type. The high main pivot of the E-Crane also gives the operator great visibility into the shredder and over the entire scrap yard operation.

The ergonomic, multi-function joysticks inside the operator cab allow for precise placement and proportional control of all E-Crane functions, including the grab. The electric-powered E-Crane was also chosen for its high efficiency and lower operating costs compared to typical diesel-driven equipment. American Shredder has also seen a decrease in maintenance costs due to eliminating traveling gear, which had required the most maintenance in the past. Since the fixed E-Crane has the ability to reach the entire scrap pile and shredder from one position, there is no need to travel.

"Since the E-Crane is a fixed machine, we no longer have the maintenance that goes along with traveling gear."
— Brady Smith, Operations Manager, American Shredder

PROJECT SPECIFICATIONS

Type: EC4290 PD-E

Location: Fort Worth, TX, USA

Application: Feeding Shredder

Mount: Pedestal

Lifting Capacity: 6 tons

Reach: 29.0 m

Attachment: 1.0 m³ Hydraulic Orange Peel Grab

Power Source: 110 kW Electric Motor

> **Commissioning and installation went very smoothly, and the E-Crane was up and running in less than 10 days.**