

1000C SERIES



CUSTOMER: METAL X

1000C Series equilibrium crane central to MetalX new mega-shredder operation, to move more than 500,000 tons of materials yearly. MetalX, headquartered in Waterloo, Indiana, has begun operation of a new 5,000-hp mega-shredder at the company's recently established greenfield site in Delta, Ohio. In December, 2018, MetalX also installed a new E-Crane® 1000C Series Model EC7317 PD-E stationary equilibrium crane, equipped with a 3.5 cubic meter scrap grapple.

Since installation, the E-Crane® has been used to move and stockpile material in preparation for the shredder startup. Now that the shredder is operational, the E-Crane® will be used primarily to feed the shredder at a rate of up to 300 tons per hour. The E-Crane® 1000C Series Model EC7317 PD-E now in use at MetalX also has a maximum outreach of up to 31.7 metres and a maximum duty cycle capacity of about 10 tons. The machine

Type:	EC7317 PD-E
Location:	Delta, OH, USA
Application:	Feeding Shredder
Duty Cycle Capacity:	10.0 Mtons
Reach:	31.7 m
Attachment:	3.5 m ³ / 4.6 yd ³ Hydraulic Orange Peel Grapple
Power Source:	200 kW / 270 hp Electric Motor

“The E-Crane® is the most impressive piece of equipment..”

uses a 200 kW main motor, can stockpile scrap up to 90 feet high, and provides over 60,000 cubic metres (80,000 yd³) of scrap storage capacity around its base. With the large outreach and high stockpiling ability of the E-Crane®, enough scrap can be stored within reach of the E-Crane® to feed the shredder for over 65 hours. “The

E-Crane® is the most impressive piece of equipment I have operated from its long 100-plus feet of reach and massive grapple that will stack scrap over 90 feet, to its user friendly controls.”-Tyler Inbody, MetalX, Operator “We developed a collaborative relationship with team members of E-Crane® through the early planning stages of our mega scrap processing yard in Delta, OH. E-Crane’s commitment to quality during design and fabrication including installation and service has been outstanding.”
-Clyde Billips, MetalX, Vice President of Ferrous Operations