

PROJECT EXPERIENCE



ALUMINUM RECYCLING / CASTING FACILITY

GUTHRIE, KY

Key Metrics

LOCATION

Guthrie, Kentucky

SQUARE FEET

640,000

PROJECT TYPE

New Construction

MARKET SECTOR

Industrial

Due to the rapidly expanding market for recycled aluminum, this company needed to increase its output capacity. Denham Blythe delivered this design-build project including the 75' tall, 2-Bay, 150' clear span main building surrounded by 16 support buildings/structures. This facility is now home to the world's largest hydraulic casting cylinder to-date (2023).

Denham Blythe:

- Designed and built process foundations & pits for shredding, decoating, melting & casting equipment
- Designed and built an 80-foot-deep foundation for the world's largest Casting Cylinder to-date (2023)
- Designed and installed a 300,000-gallon inground water basin
- Designed and installed perimeter elevated catwalks inside the facility to eliminate foot traffic and increase safety
- Installed 20,000-gallon rooftop water tank
- Erected 3500 tons of structural building steel
- Poured over 40,000 CY of concrete