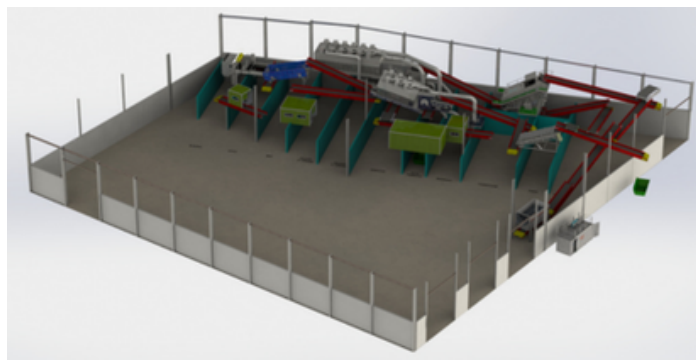


Tusker Steel

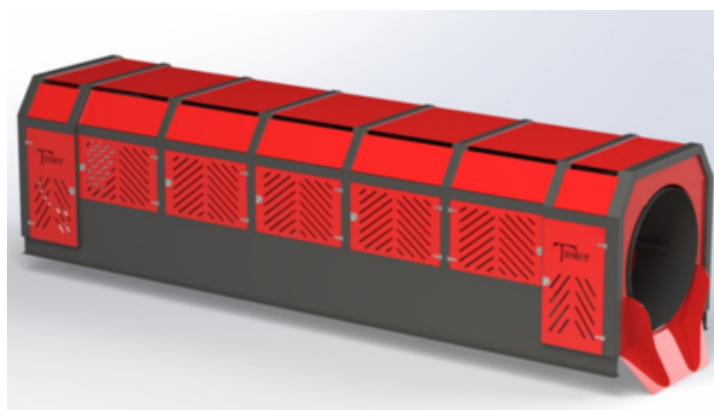


Challenge - Tusker Steel aimed to develop a new range of trommel screens designed to separate materials in construction and demolition waste. These trommels were specifically intended for the recycling and demolition industries, marking a unique development within the crushing, screening, and recycling market.



Impact - With the assistance of the Innovation Boost program, Tusker Steel was able to leverage the expertise at SRC's Business Support Centre to develop these innovative products. This support has enabled the company to manufacture and supply high-quality trommel screens, expanding its product range and reinforcing its position in the recycling and construction sectors.

Introduction - Tusker Steel, based in Broomfield, Co. Monaghan, is a manufacturing company specializing in the design, manufacture, and erection of structural steelwork across various sectors, including education, pharmaceuticals, and waste management.



Solution - Through the support of the Intertrade Ireland Innovation Boost program, a cross-border initiative, Tusker Steel partnered with Southern Regional College (SRC) Business Support Centre to design and develop their trommel screens. The 18-month project involved mentoring a graduate in design and product development, guiding them through the process of creating a lightweight, bespoke trommel. The design needed to be easy to manufacture while also being robust enough to meet the demands of end-users. Once the design was finalized, a prototype was manufactured and tested to ensure it met the specifications and to gather feedback for further design improvements.

