



**IRISH STEEL**  
**AWARDS 2025**

*in association with*

**RFL**  
STEELS LIMITED

**Shortlisted Finalist | Voting ID: #6518**

Finished Projects

Industrial Engineering – Equipment Manufacturing

**Tusker**

Material Segregation Systems –  
Retrofit & New Plant Solutions







## Material Segregation Systems – Retrofit & New Plant Solutions



### Project Story:

Tusker's material segregation systems exemplify engineering excellence in Irish manufacturing. Designed and built entirely in our 40,000 sq ft facility in Broomfield, County Monaghan, these modular systems are tailored to both retrofit projects in live facilities and new plant installations.

The challenge was to deliver high-performance segregation equipment that integrates seamlessly into existing operations while remaining scalable for future expansions. Tusker responded with a precision-engineered, modular solution that combines robust fabrication with advanced design and automation capabilities.

We manufacture a wide range of custom segregation equipment, including conveyors, trommels, and optical sorters – each configured to match specific material streams and site layouts. Key features include flexible modular construction, corrosion-resistant materials, integration with plant control systems, and built-in noise and dust reduction.

Certified to EN 1090, ISO 3834, ISO 9001, ISO 14001, and ISO 45001, Tusker maintains an impeccable compliance record. Our fabrication process involves CAD-led design, CNC machining, TIG/MIG welding, and stringent in-house testing.

We collaborate closely with plant operators and consultants to ensure retrofit projects are carefully planned and phased to minimise disruption. End users benefit from faster material processing, enhanced safety, reduced downtime, and long-term scalability. These systems support landfill diversion goals and strengthen circular economy practices across the sector.

### Project Team:

The project was delivered by a multidisciplinary in-house team at Tusker.



Voting ID: #6518 | Industrial Engineering - Equipment Manufacturing



## Material Segregation Systems – Retrofit & New Plant Solutions

### The Nominee thinks this deserves to win an award because:

Tusker's material segregation systems represent the highest standards of Irish manufacturing – combining precision, innovation, and long-term reliability. Designed for both retrofit and new plant installations, each system is tailored to meet specific operational needs while supporting landfill diversion and circular economy goals.

What sets us apart is our full lifecycle approach. We don't just deliver bespoke, high-performance equipment – we back it with 24/7 support, including a mobile maintenance team ready to respond quickly and minimise downtime.

This submission highlights more than just a product; it reflects our commitment to driving progress in material segregation through smart engineering, environmental responsibility, and dedicated client service.

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