



## Apply here

### Start date

Flexible within the next three months

### Duration

6 months

### Languages

Good spoken and written English levels are required (B2 onwards)

### Location

#### Dungannon, Northern Ireland

Dungannon is a busy market town in County Tyrone, Northern Ireland. Surrounded by rich countryside offering several forest and wildlife parks, it has a rich and varied past. With a decent nightlife and welcoming people, you will have a true Irish experience.

### Are you eligible?

Are you a registered student?  
Or

Are you eligible to participate in the Erasmus+ programme?

### Benefits

See website for details of all ESPA benefits. For all internships over 6 months, additional benefits will be paid. Details available at interview.

## Role

This is a great opportunity for an enthusiastic Mechanical Engineer who is keen to gain hands on experience with this successful host company who manufacture heavy machinery for crushing aggregates. Mentored throughout, you will be a key member of the team assisting in the design of robust high-quality products developing the current product range of machines, creating and maintaining technical documentation including engineering drawings, engineering change requests and managing the bill of materials. For an engineer with serious ambitions, this will prove a rewarding experience.

## Tasks

- Designing and developing improvements to the company's existing product portfolio in the crushing and screening industry
- Providing solutions for the development of new products
- Design using 3D modelling packages
- Produce full manufacturing drawings and Bill of Materials
- Liaising with production, team members and maintaining of key interdepartmental relationships
- Project management of design outputs
- Reduce manufacturing costs through improved design and standardisation of parts
- Investigate and address any customer complaints and provide solutions to any issues they are having
- Assisting in the management of the engineering change request

## Desired Skills

- Studying for a degree in engineering or related manufacturing engineering discipline required
- Experience in heavy equipment design, **a bonus** if in the crushing or screening industry
- Hands-on experience with design, engineering and/or fabrication of welded components preferred
- A good understanding of the various applications that the machines can work in
- Technical expertise in mechanical and hydraulic systems
- Strong verbal and written communication skills are necessary
- Strong problem-solving skills and a creative approach for generating new ideas
- An excellent grasp of engineering and design principles and industry standards.

## The Host Company

The host company is a leading independent, global manufacturer and distributor of mobile crushing and screening equipment. They manufacture and supply a wide range of mobile crushers and screeners for use in a wide range of applications, including mining and quarrying, earthmoving, civil contractors, recycling and material handling industries. Their crushers and screeners are exported throughout the world.