

Graduation Assignment

1 What are the cost drivers of castings, forgings and machinings?

EDS-Casting & Forging (EDS) is a highly technical-skilled company specialising in the development and supply of metal parts with a focus on castings and forgings. Its customers include DAF Trucks, Caterpillar, Krone, and Schmitz-Cargobull, as well as smaller companies which have no in-house engineering or casting capabilities.

During development projects, EDS often helps with prototyping or supplying series production. Based in Amsterdam but with strong manufacturing partners worldwide, the company can supply 3D printed prototypes in plastic, aluminium, stainless steel, as well as sand cast or investment cast metal parts in small to higher series. Check out www.edscasting.com for more info.

One can design the most beautiful product imaginable, BUT if the price is not right it will never fly. In this graduation assignment you will take a deep dive in the cost-drivers of different production processes. Most price calculations and design decision are based on human experience and limited calculation sheets. We aim to design an automated price calculation method for castings, forgings, and machined parts together with you!

This work you will do in parallel to EDS' regular activities, we believe in the synergy between theory and practice. Depending on your skill-set you will design your own product(s), manage projects on the commercial side, or be of great value in the purchase part of the company.

Very few assignments can offer you such a chance! Plus, EDS provides a pleasant environment to work in, with a TBD monthly fee. Does this specific assignment make you heart beat faster or do you have another interpretation/suggestion? Send us an email with a short motivation/CV and optionally a portfolio to info@edsinnovation.com