



# Aydin Ehtesham

## Key Competences and Tools

Project Management	■	■	■	■	■	■	■	■	■
Mechanical Engineering	■	■	■	■	■	■	■	■	■
Lean innovation	■	■	■	■	■	■	■	■	■
Quality Management	■	■	■	■	■	■	■	■	■

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**Name** Aydin Ehtesham  
**Location** The Aarhus office

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## Work Experience

**Year** 2016 -  
**Company** MEFU PS  
**Title** Mechanical Engineer

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**Year** 2012 - 2015  
**Company** Martin Professional Aps  
**Title** Mechanical Engineer

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**Year** 2011 - 2012  
**Company** Eltronic A/S  
**Title** Mechanical Engineer

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**Year** 2009 - 2010  
**Company** Teknologisk Institut – Center for Produktudvikling  
**Title** Mechanical Engineer

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# Cases

## Product Wash System

### Process

Design of a washing system, which is adaptable for two different production lines. My tasks consisted of engineering, process optimization and 3D design with focus on “hygienic design” and completion of 2D drawings for production, prototype ordering and Factory Acceptance Test.

During this task I used various production & surface processing methods.

### Results

The Wash system is fully developed and manufactured and is operational from January 2017.

Customer reference

Please reach out for contact information at Tetrapak Hoyer.

### Task

2015- Mechanical Lead

Product: Atomic 3000 LED (Strobe)

### Process

As Mechanical Lead I had the responsibility for the product documentation such as 3D modelling, 2D drawings, calculations & design for manufacturing. I also managed the revision of part & assemblies during the various phases of the product development.

In Addition I was also responsible of sourcing all mechanical parts (metal & plastic) for Mock-up series and Prototype series.

### Results

All milestones were met according to the project schedule. The product (Atomic 3000 LED) is now in ramp up and will be released January 2016.

### Customer reference:

<https://www.youtube.com/watch?v=fZxzkozzATw&feature=youtu.be>

## Product

Tool for rotation of Wind Turbine Hubs

## Process

In this task I was responsible of concept development, calculations, 3D design and 2D drawings of the “tool” for rotation of Siemens SWT2.3DD & SWT3.0 DD hub. The rotary tool is used during single blade installation where it is not possible to assembly blades and hub on the ground.

## Results

The tool was delivered according to deadline, specification and fulfilled the test specification.

## Customer reference:

Please contact reach out for contact information at Siemens WindPower.

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## Education

<b>Year</b>	2007 - 2010
<b>Field of study</b>	Mechanical engineer B.Sc. Specialised in Mechanics Design for Manufacturing, Product Development.
<b>Educational institution</b>	Engineering College of Aarhus

## Courses

<b>Year</b>	2015
<b>Field of study</b>	Design for Six Sigma, Yellow Belt
<b>Educational institution</b>	SCB Associated Ltd

<b>Year</b>	2013
<b>Field of study</b>	Tolerance Analysis
<b>Educational institution</b>	VALCON

<b>CAD competences</b>	Creo, Inventor, Autodesk, Solid Works, FEA, PDMlink
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FOR MORE INFORMATION  
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