

Michael De Prins

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<https://linkedin.com/in/michaël-de-prins-2117553> | Freelance Engineer

SUMMARY

Customer Service Manager, Production Manager, Engineering Manager, Project leader and Mechanical Design Engineer with 20+ years of experience in different industries. Extensive experience in project management, team leadership and mechanical design with an eye for process improvement and finding creative solutions.

CORE EXPERTISE

Mechanical Design

- Specializing in machine, component, welded and injected (plastics & metal) parts design
- Designing combustion equipment and manufacturing
- Designing and prototyping a variety of mechanical packaging systems

Technical expertise

- MS Office (Word, Excel, Project & Powerpoint)
- CAD (Catia V5, Solidworks, SolidEdge, AutoCad Inventor, AutoCad)
- Manufacturing processes (Sheet Metal, machining, laser cutting, injection, moulding...)
- ATEX and PED knowledge

Project management & Leadership

- Engineering team management
- Managing project end to end (task distribution, planning and budget follow-up)
- Managing production & Customer Service teams
- Developing enhanced processes
- Ensuring knowledge and technology transfer
- Driving HSE implementation
- Customer Product Management

Domain knowledge

- Embarked Radiotelephony Systems
- Industrial burner installations
- Cogeneration systems
- Datacenter installations (HVAC)
- Industrial capacitors & compressors
- Mechanical packaging

WORK HISTORY

Aug.2024 – Mar. 2025 : **Project Manager - Freelance** (ASCO; Belgium)

Nov. 2022 – Aug.2024: **Customer Service & Production Manager** (Axians T&N ; Belgium)

May 2021 - Nov. 2022: **Mechanical Engineering Manager** (Honeywell; Belgium)

Apr. 2018 - April2021: **Project Engineer** (Eneria; Belgium)

Jun. 2012 - Apr. 2018: **Production supervisor & Mechanical Design Engineer** (Honeywell; Belgium)

Sep. 2009 - May 2012: **Project Manager** (Vanparijs-Maes Ingenieurs; Belgium)

Mar. 2008 - Feb. 2009: **Project and Industrialization Engineer** (HDM, ABB;Belgium)

Apr. 2004 - Feb. 2008: **Project Engineer & Project manager** (HMZ, IPS, Hayes-Lemmerz, Dynaco; Belgium)

Jun. 2003 - Mar. 2004: **Mechanical Design Engineer** (EuroHeatPipes, SD&A;Belgium)

Dec. 2002 - May 2003: **Maintenance Manager** (Sabena Technics; Belgium)

Dec. 2001 - Nov. 2002: **Mechanical Design Engineer** (Atlas Copco Airpower, Belgium)

EDUCATION & LANGUAGES

2001: Master in Mechanical Engineering (VUB)

2013: Six Sigma for Designing Green Belt

Bilingual French & Dutch (native speaker), English (native speaker level)

EXPERIENCE

Aug. 2024 **Customer Project Manager**

Mar. 2025 **ASCO, a Montana Aerospace Company, Belgium**

- Project management for high visibility F35 component programs
- Ensuring coordination and prioritization of tasks and deliveries between the different ASCO departments & the customer

Tools used: MS Office, MS Project

Nov. 2022 **CUSTOMER SERVICE & PRODUCTION MANAGER**

Aug. 2024 **Axians Telecom & Network, Vinci Energies, Belgium**

- Managing a team of 6 Field Engineers, 2 Dispatchers and 4 Production workers
- Organizing & Improving Production Plannings
- Setting up new work methods to improve overall occupation and reduce overhead
- Deploying ODOO ERP throughout Axians T&N
- Managing several high revenue projects

Tools used: MS Office, MS Project, SAP, ODOO

May 2021 **MECHANICAL ENGINEERING MANAGER**

Nov. 2022 **Maxon, a Honeywell Company, Belgium**

- Managing a team of 12 Engineering developing industrial combustion solutions.
- Assisting the account managers and customers with technical issues and quotations
- Preparing and organizing the CAD transition to Inventor
- Integrating the collaboration with Global Engineering Support Teams into the standard operations
- Improving and standardizing work processes

Tools used: MS Office, MS Project, SAP

Apr. 2018 **PROJECT ENGINEER**

Apr. 2021 **Eneria, a Bergerat Monnoyeur division, Belgium**

- Project Engineering and management for:
 - Cogeneration installations
 - Emergency power generations
 - Industrial motorization solutions
- Creation of Excel tools to improve productivity and project tracking

Tools used: MS Office, MS Project

Jun. 2012 **Maxon, a Honeywell Company, Belgium**

Apr. 2018

Aug. 2015 **PRODUCTION SUPERVISOR**

Apr. 2018

- Supervision and management of several teams of factory workers (total of 50 people)
- Assistance with plant productivity optimization projects and implementation of the Honeywell Operating System
 - VSM analysis the product and production flows
 - Creation of Excel tools for the plant's metrics' analysis

Jun. 2012 MECHANICAL DESIGN ENGINEER

- Jul. 2015**
- Engineering and design of pipe trains, combustion chambers and burner solutions compliant with country and application specific regulations (CGA, EN746-2, IRI...)
 - Improvement of standard designs
 - On-site production, purchasing and maintenance assistance
 - Design, follow-up, and FAT of projects that fall out of the usual scope:
 - Production of 620 (1st delivery) and 180 (2nd delivery) burner assemblies for a specific customer
 - Production of burner and pipe train sets for new applications

Tools: MS Office, MS Project, SolidEdge, Baan ERP

Sep. 2009 PROJECT MANAGER

May 2012

Vanparijs-Maes Ingenieurs, Belgium

- Management of datacenter extension & cogeneration projects:
 - Technical auditing
 - Project Engineering and subcontractor validation
 - Planning, on-site follow-up and installation validation

Tools: MS Office, MS Project, AutoCad

Mar. 2008 PROJECT & INDUSTRIALIZATION ENGINEER

Feb 2009

Sep. 2008 Hoerbiger Drive Mechatronics

- Feb. 2009**
- Coordinate production line and process optimization
 - Create flowcharts of the production and test procedures
 - Define, plan and follow-up of line improvement projects

Mar. 2008 ABB

- Sep. 2008**
- Designing the casing and assembly tools for a new power capacitor
 - Supplier validation
 - Casing and tool validation

Tools: AutoCAD, Pro-Engineer Wildfire 4, MS Project, MS Office

Apr. 2004 PROJECT ENGINEER & MANAGER

Feb 2008

Aug. 2006 HMZ

- Feb. 2008**
- Creation of various packaging systems:
 - Creation of preliminary designs for quotation
 - Design and validation of packaging systems
 - Follow-up of packaging systems tests and deployment
 - Definition of new procedures and CAD automation of to increase productivity

Sep. 2005 IPS

- Jul. 2008**
- Creation of the maintenance documentation for a waste recycling plant.
 - Engineering and follow-up of the assembly of a metal plating line and the extension of the existing building

Nov. 2004 **Hayes-Lemmerz**

- Aug. 2005
- CAD implementation of new cast wheel models and wheel moulds
 - Creation of automated 3D mould models
 - Creation and implementation of tools for casting data analysis

Apr. 2004 **Dynaco**

- Oct. 2004
- Assist with the introduction of 3D CAD and work method reorganisation within the engineering department
 - Design of high-speed doors

Tools: Catia V5, Smartteam, Pro-Engineer, SolidWorks, MS Office, MS Project, Visual Basic

Jun. 2003 MECHANICAL DESIGN ENGINEER

Mar 2004

Dec. 2003 **EuroHeatPipes, Nivelles, Belgium**

- Mar. 2004
- Mechanical design of Aladdin satellite payload cooling system

Jun. 2003 **SD&A, Zaventem, Belgium**

- Dec. 2003
- General assistance of the on-going projects
 - Development of autoclave moulds (internal project)
 - Improvement of 3-point belt system for aircraft (internal project)

Tools: Catia V5

Dec. 2002 MAINTENANCE MANAGER

May 2003 Sabena Technics, Belgium

- Follow-up of general aircraft "small maintenance" and customer requests in accordance with aeronautical regulations

Tools: MS Office

Dec. 2001 MECHANICAL DESIGN ENGINEER

Nov. 2002 Atlas Copco Airpower, Belgium

- Assist in the development of new compressor ranges and accessories
- Testing of new compressor prototypes

Tools: AutoCad Inventor
