



EXPERTE FOR PROCESS DEVELOPMENT AS WELL AS SOURCING, OPTIMIZATION AND RELOCATION OF PRODUCTION EQUIPMENT FOR AUTOMOTIVE AND MANUFACTURING INDUSTRY

TECHNICAL SKILLS / EXPERIENCE

- **20 years experiences in the car manufacturing industry**, 15 years in executive positions
- **Established experience in global process development and process optimization**
- **Planning of versatile, scalable production concepts and production plants**
- **Longtime experience in sourcing equipment** (starting with requirements up to a released process and hand over to the global production plants)
- **Responsibilities for restructuring activities and Supply Chain Management projects**
- **Sourcing of manual equipment up to full automated robot garden (20 Mio. EUR)**
- **Development of global supplier and technology benchmark**
- Experience with American and European companies, up to 50.000 employees

PERSONAL SKILLS / STRENGTH

- Married, 55 years old, father of a 23 years old daughter and a 21 years old son
- Training as electronics engineer, graduate engineer automatization technology
- Combine strategic and operational leadership/management
- Analytic, structured, creative in finding solutions of technical challenges
- Single-minded, result-oriented and responsible acting
- Team player, like working in a global environment with colleagues and suppliers

CURRICULUM VITAE

Personal Details

Date of birth: 15 February 1968 in Eschwege
Marital status: Married, 2 children (23 and 21 years old)
Language skills: German: First language
English: Business-fluent

Professional Experience

- 10/2019-today **DAUT SOLUTION**
Interim Management-Consulting- Project Support
I am an Executive Interim Manager with focus on Operations and support the complete product developing process, from the product idea until the series product
Companies benefit especially of my solid experience of the process development and – optimization, innovative and scalable production concepts and as well of the international production transfer and restructure of complete production areas
I have 20 years experiences in the car manufacturing industry, 15 years in executive positions and I work goal-oriented, result-oriented and responsible-minded
Since 10/2023 member of the Business Angels, Region Stuttgart
Private Equity with many years of entrepreneurial experience, network for private investors of initiative of the Stuttgart Economic Development cooperation
<https://www.business-angels-region-stuttgart.de>
- 10/2019-10/2022 **WERNERCO, Headquarter Zarges GmbH, Weilheim/Obb.**
Turnover 1.200 Mio EUR, 5.200 employees
Global leading manufacturer and distributor of ladders, climbing equipment and ladder accessories. Innovator in the area of climbing, packaging and transportation
- 11/2020-10/2022 **Director Advanced Manufacturing Technology EMEA**
Responsible of Capex spending and controlling EMEA
Support of the strategic Footprint and support of the global production system
Developing of production concepts and analysis of the EMEA plant locations, analysis M&A activities regarding production topics
Developing of new technology concepts, realizing smart automation solutions, digitalization of the production
Project management of global production transfer, e.g. transfer extrusion line from Vietnam to Hungary (capacity 10.000 p.a.), including ramp down in Vietnam until release production in Hungary
- 10/2019-10/2020 **Advanced Manufacturing Technology Manager EMEA**
Power of attorney, reporting directly to the global COO
Identification and realization of new process technologies, support of global development

Responsible for international projects developing of the “Production Footprint”, considering of production capacity and investment

Responsible for production transfer of a complex and strategic very important production line to Hungary

Support of the activities “Best in class” manufacturing and Supply Chain, special focus on manufacturing cost, quality and delivery performance

Developing of the Technology Roadmap and standardization of the production system

Consulting and support of the global plants, design and realize of innovative technologies

Responsible for sustainable improvement due to productivity and production flow, considering of the manufacturing processes and Supply Chain (manufacturing, assembly, material flow)

Achievements:

- Implementation of innovative robot solutions for handling, developing and realization of innovative Cobot/Robot applications für welding, assembly and handling tasks (11 Robot cells, invest of 4.2 Mio EUR, savings 1.8 Mio EUR)
- Developing of manufacturing concepts for the „European Footprint“, standardization of procurement process

Motivation of change:

Massive reorganization of the business unit (private equity)

02/2016 – 03/2019

VOESTALPINE AG, Headquarter Dettingen/Erms

Turnover 11.000 Mio EUR, 50.100 employees

Cold Stamping & Assemblies group, biggest business group of the Metal Forming Division. Specialist for cold forming parts with innovated joining techniques and efficient automation technology. Responsible for global restructuring activities and overall leadership for sourcing global equipment (80-120 Mio EUR Capex p.a.)

Head of engineering and technology globally

Responsible up to 21 employees, teams with project leaders

Since April 2018 focus on international and strategic planning and realization of production equipment.

- Team Estimation (until 05/2017)

Estimation of single parts, assemblies and derivatives according the customer requests

- Team Product development (until 05/2017)

Developing of stamping parts and assemblies, realization of development requests and comparison of different customer datas

- Team Tool process engineers (until 05/2017)

Precise forming simulation (AutoForm) out of deep drawing tools, defining process parameters (press capacity, process steps, material usage, etc.)

- Team Process- und manufacturing engineering

Defining production concepts, writing requirements for equipment, purchasing and release of production equipment for international facilities, plant- and production layout planning, defining and developing of national and international suppliers (China and Mexico)

- Team Rollout for production equipment (since 05/2017)

Responsible for initial operation, fault analysis, optimization of

equipment, training of the local employees, qualification of the equipment

- Team global investment and equipment planning (since 05/2017)

Planning, advertisement, and realization of new and international production facilities, define the power supplies, planning of material flow and facility layouts

Digital Transformation Manager (DTM). Build and control the digitalization process / industry 4.0 and synchronize the activities within the metal forming group. Responsible for all activities within the Automotive Components Dettingen GmbH group.

Achievements:

- Technical request and responsibility of the global production equipment for a German premium customer. Defining the global production strategy and sourcing the production equipment (investment > 20 Mio EUR). Installation of manufacturing equipment in Germany, Mexico, Romania and China.
- Technical request and strategic planning for the global customized manufacturing equipment (robot garden) for a German premium customer. Estimation and economic efficiency calculations for assemblies. Defining the requirements for the equipment, bid comparison, suggestion of the suppliers, ready to order the equipment (investment > 50 Mio EUR). Production locations are in Germany, South Africa, Hungary and China.

Motivation of change:

Massive reorganization of the business unit

07/2013 – 01/2016

FESTOOL GMBH, Wendlingen/Neckar

2.600 employees

Innovated manufacture of premium electronic power tools for professional applications

Manager Technology and Process development

Budget 0,5 Mio EUR

Industrialization of new components for the series production based on advanced development projects

Recommendation internal/external production for optimization the existing technologies and considering future process developments

Project management for challenging production processes related due to the manufacturing concepts and new materials

Multiproject support for innovated projects regarding feasibility and process definition

Advice strategic investment planning for the plants Neidlingen (Germany) and Ceska Lipa (Romania)

Interface between headquarter and plants for production related developments and tasks

Implementation of the technology roadmap for the strategic and advanced technology development. Identification of the relevant technology areas and applications

Achievements:

- Significant improvement of the technical performance of a new product due to defining the process development roadmap

- Analysis of a functional defect of a new product during the prototype phase. Developing new technology alternatives and successfully validation of the series solution
- Developing and implementation of a well-structured advanced technology roadmap for a focused identification, planning and using of the technologies and applications

Motivation of change:

The working place and department were not developed with employees as promised

03/2001 - 03/2013

MODINE EUROPE GMBH, Headquarter Filderstadt Turnover: 430 Mio EUR, 2.400 employees
Subsidiary of the US Modine Manufacturing Company, with 6,700 employees globally and a turnover of 1.4 Mrd USD in the automotive supplier industry

12/2008 – 03/2013

Manager Strategic Process Development

Budget: 1.3 Mio EUR, 13 employees

Responsible for the process engineering development and implementation of a revolutionary product generation for the heat exchanger market. Move the product from the prototype stage into pilot and production stage

Support of and advice to the design department in terms of manufacturability of product designs, as well as new materials, processes, and products

Responsible for the strategic process development in Europe, considering innovative manufacturing methods, degree of automation, product design, quality support, manufacturability, economic efficiency, and safety

Evaluation and release of overlapping production equipment, processes and methods for the regional manufacturing engineering and production plants

Optimization of the current manufacturing process in cooperation with the production plants and European management

Advice to top management about global decisions regarding process development, process releases, benchmarking and process definitions

Development of plant layout and material flow designs for new process steps and production lines

Promotion of the global standardization of core processes, technologies and machines and input on global strategy

Achievements:

- Passenger car industry: Mercedes Benz is using the new product generation in all vehicles, VW and Audi at 30%
- Truck industry: Increased market share in Europe by 30% due to the new product generation
- Internal and external validation of production equipment in two plants with an investment volume of 15 Mio EUR

03/2001 - 11/2008

Manufacturing Engineer

Analysis and implementation of new and known production processes in the production plants

Planning and supervision of new products from the calculation phase through to series production, review of estimations for new and changed products

Holistic and system-oriented planning of three production plants in cooperation with the Institute for Fabrik planning (IFA) in Hannover

Preparation of specification sheets and completion of preliminary and final acceptances of special machines and production systems

Project management and implementation of machines and systems for increasing capacity

Optimization of production processes according to economic aspects

Achievements:

- Industrialization of a new global exhaust gas cooler generation
 - Investment volume: 6.5 Mio EUR
 - Competitor advantage: 2 years
 - Lowering the target time from 40 minutes to 6 minutes
 - 100% supplier for exhaust coolers at VW
- Development of a global design
 - Reduction of manufacturing costs by 20%
 - Increase in quality by 7% (FPY rate)
 - International patent for design and process flow

Motivation of change:

Chance to go to the innovative family business and manufacturer of premium electronic power tools with an excellent production system (Lean, Kaizen, e.g.)

04/2000 - 02/2001

APROC, Esslingen / Neckar

Engineering office for applied process optimization

Project Engineer

Preparation of process-oriented solution approaches in plant planning and material flow planning

Implementation of the simulation program Simple++ for the process simulation of operational processes in production, assembly and logistics

Motivation of change:

Danger of insolvency

11/1996 - 03/2000

RECARO AUTOMOTIVE SEATING, Kirchheim / Teck

Turnover: 120 Mio EUR, 610 employees

International premium automotive seat manufacturer

Subsidiary of Johnson Controls

Production Planner with international focus

Planning and preparation of process flows, material flows, capacities and resources

Project manager for the relocation of the production of commercial vehicle seats from Kaiserslautern to Kirchheim/Teck

Responsible for the relocation of child seat production to Malaysia

Achievements:

- Successful production start-up in Kirchheim/Teck without interruption of series production deliveries, while also complying with cost and schedule specifications
- Production start-up in Malaysia for 100,000 seats p.a. implemented within the planned timeframe

- Payback period of the relocation to Malaysia < 1 year with a reduction in manufacturing costs by 30%

Motivation of change:

Chance to go to the market leader of simulation software

09/1994 - 10/1996

IBV WALLMAN UND REIFF, Sondelfingen

45 employees

Engineering office for supply engineering in the building engineering industry

Project Manager for electrical installations

Implementation planning for electrical installation engineering and preparation of service specifications as well as calculating tenders

Motivation of change:

Chance to go to the automotive industry

Education / Training

03/1990 - 08/1994

**UNIVERSITY OF APPLIED SCIENCES, Ulm, Geislingen campus
Automation Engineering**

Certificate: Graduate Engineer, Overall grade: 2,4

09/1988 - 07/1989

UNIVERSITY OF APPLIED SCIENCES, Esslingen / Neckar

Certificate: Advanced technical college entrance qualification, overall grade: 2,3

09/1985 - 07/1988

GEBR. HELLER MASCHINENBAUFABRIK, Nürtingen

Training as electronics engineer

Further Education

On-going further education, including:

Digital Transformation Manager (Industry 4.0), VAVE, self- and time management, training for managers, NEXT 2-year European management and leadership training, language course at the English Language School Elanguest in Malta - Business Level, KAIZEN (Total Flow Management), Heijunka - Harmonizing production, analysis of technical disturbances, product liability, APQP for project managers, DIN EN ISO 9001: 2000/VDA 6.1 - Management certificate for internal auditors, conflict management for project managers and specialists, conversational skills, leadership, intercultural training in Korean and USA

International experience

Business travel, in total several weeks abroad:

China, Frankreich, Italien, Malaysia, Mexico, Niederlande, Österreich, Rumänien, Südafrika, Südkorea, Tschechien, Ungarn, USA