

Curriculum Vita
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Education:

PhD Degree (Dr. Ing.), (1984) in Engineering (summa cum laude), from the Technical University Aachen, Germany in the field of machine design, and vibration analysis.

MS (Dipl. Ing.) degree in engineering, (production technologies and machine tools), from the Technical University Aachen , Germany.

Employments, Experience & Accomplishments:

November 1999 – present

Neugart USA LP, the US-Branch of a manufacturers of precision mechanical components (mainly low backlash servo gear-heads) for the Automation, Motion Control, Robotics Industry (<http://www.neugartusa.com>)

Executive Vice President / General Manager / Partner

i. **MTD RC LLC** web based, e-business oriented, Engineering-, Design-Marketing-Service Company for Power Transmission, Motion Control, Automation and related industries. (<http://www.imtdrc.com>)

President/General Manager

August 1. 1994 – November 3.1999

Sumitomo Machinery Corporation of America, Chesapeake, VA a subsidiary of a world leading gear, gear-motor, and drive manufacturer

Vice President

- In charge of product development and engineering (mechanical and electrical), since 1996 also head of the marketing department

- Created and introduced into the market two new global product lines based on a new design concept. Managed the design of a number of application series enhancements and extensions to the existing gear-motor product line
- Secured 3 US Patents associated with the new developments; additional patents pending
- Managed the Electronic Drives Department, the Inverter / Vector drive development, its' application engineering, and the new product market introduction
- Coordinated product development / production and marketing projects on international level with the sister companies worldwide.
- Created and introduced a Gearbox / Gear-motor Condition Monitoring Service
- Negotiated projects and contracts with key customers
- Managed and handled trouble shooting projects, eliminating potential liabilities and monetary losses for the corporation
- Initiated, structured and managed the design of e-Catalogs CD-ROM, the Company Web Site, e-product selection and other e-business targeting activities
- Initiated the implementation of a Marketing / Sales / Customer Service supporting Information System, based on "Web-technology" (Intranet). These activities had the goal of a gradual e-commerce implementation

January 1991 - August 1. 1994

RACO International Inc. Pittsburgh (Bethel Park), PA - Manufacturer of Electric Linear Actuators, Linear Drives, Linear Motion Systems

Vice President – General Manager

- Increased sales and turned the company to substantial profits from a near zero level
- Created an introduced a new profitable product line and its local production
- Extended the business activities into the system integration field, offering complete automation and robotic subsystems
- Introduced into the market third party manufactured products used in the automation field

- Managed new product development with the German sister company
- Developed concepts for new market oriented products, applications and sales

May 1985 – January 1991

SEW Eurodrive a globally operating, world leading gear-motor and drive supplier.

1989 – 1991, **Member of the Managing Board of SEW** in Bruchsal, Germany

- Contributed in the establishment of the strategic Corporate Business blue print
- Introduced concept of Product Management
- Instrumental in the planning of the new “Dynamic Motor” (AC Servo) product development
- Negotiated cooperation plans with potential business partners in the field of electronic drives

1987 – 1989, **Application Engineering** at the US subsidiary of SEW Eurodrive in Troy, OH

- Provided Drive Engineering and application support for End Users / Distributors / OEM’s
- Created and introduced a PC based drive sizing program
- Provided inside and field support for the SEW brand electronic variable speed drives

1985 – 1987, **Manager of Design & CAD** at the World Headquarters of SEW in Bruchsal Germany

- Managed the CAD system benchmark, as well as the selection and implementation of the corporate CAD system
- Supervised and handled the design-optimization and structural analysis of gear drive components and assemblies
- Managed the development of a computerized automatic catalog generation software

- In-depth hands on training in drive electronics, its' design, application and service

1978 – 1985

Assistant Professor at the Technical University Aachen, Germany, for Machine Elements and Design

- Held lectures on Machine Design and Electrical Measurement of Mechanical values
- Organized and completed Government and Industry sponsored Research Projects
- Analyzed and optimized products and components for a wide range of industrial companies on a consulting basis using CAE technologies, vibration measurement and analysis etc.
- Designed and built test rigs for component and product evaluation using servo hydraulic systems.

1974–1975

Mannesmann Corp. Duesseldorf / Ratingen, Germany

Design engineer

- Designed, and supervised the construction of a unique Tube-Grinding Machine based on a patented concept.
- Designed, evaluated and introduced into production various hydraulic fixtures, jigs and tools.

Papers and Publications:

More than 25 Papers published and presented in different technical magazines and Conventions in Europe and USA

Patents:

4 US Patents, 1 German “Gebrauchsmuster”

Skills:

Marketing of Industrial Products, Mechanical Design, Electric Motor design, Electronic Drives / Motion Control design application system integration, Electrical Measurement of Mechanical values, Vibration analysis, Hydraulics, e-business concepts, Product and Project Management and a wide range of computer skills

Fluent in English, German, Hungarian, Czech, Slovak

Team player / Team leader, Motivator, Organizer

Personal/Interests

married, 3 children, good health, active in sports, interested in arts and computer technologies.