



Miklós Boros

SENIOR PRODUCTION ENGINEERING LEADER

CONTINUOUS IMPROVEMENT DIRECTOR

Home: Székesfehérvár, Hungary

Phone: +36 30 451 5550

E-mai: picasso200014@gmail.com

EXECUTIVE PROFILE

More than 25 years of leadership experience in Tier-1 automotive and industrial manufacturing.

Leadership of Production Engineering, industrialization, digitalization and continuous improvement activities in complex multinational environments, with 50 direct reports. Proven results: capacity release equivalent to **1,000 FTE**, release of 3,000 m³ of manufacturing floor space, **15% OEE improvement**, **5% productivity growth** and **€1 million** in annual savings.

CORE COMPETENCIES

Engineering leadership; key cross-departmental role focused on corporate objectives | SOP / manufacturing operations | APQP / PPAP | NPI | PFMEA / SPC / 8D | CAPEX management | Industrialization | Lean / Kaizen | OEE and productivity improvement | Operational excellence | Industry 4.0 and IoT | Cross-functional leadership

PROFESSIONAL EXPERIENCE

CONTINUOUS IMPROVEMENT DIRECTOR (CID)

Masterplast Plc | Dec 2023 - May 2026 | Sárszentmihály, Hungary

- **15% OEE improvement** through KPI-based management and structured process improvement.
- **€1 million** yearly cost savings through cross-functional operation improvement and project control.
- Foundation of **company-wide KPI system** and board reporting to strengthen governance and accountability.
- Introduction of **standardized manufacturing processes**, work methods and documentation.

Scope: continuous manufacturing and process-improvement transformation; Lean-Kaizen and KPI systems; operational standardization; cooperation with Production, Maintenance and Engineering; Industry 4.0 preparation.

DENSO MANUFACTURING HUNGARY LTD. | CAREER OVERVIEW

1998 - Jun 2022 | Székesfehérvár, Hungary | Tier-1 Japanese automotive manufacturer, 5,000 employees

Progression in role and scope from Mechanical Engineer to Production Engineering Manager and then Senior Manager of the complete Engineering Organization. Concurrent leadership of Production Engineering and IoT / Industry 4.0 from 2017 to 2022.

DENSO CAREER PROGRESSION

SENIOR MANAGER - COMPLETE ENGINEERING ORGANIZATION | 2011 - Jun 2022 | 50 direct reports

- **Capacity release** equivalent to 1,000 FTE. Project result recognized with a Japanese Presidential Special Award.
- Release of **3,000 m³** / **5%** of manufacturing floor space for new business through layout optimization and industrial engineering development.
- Achievement, maintenance and improvement of a sustained **single-digit PPM** level through strong SOP (mass-production) support, change management, risk analysis and structured 8D problem solving.
- **Leadership of the complete Engineering** Organization in close cooperation with Production, QA/QC and Maintenance. SOP maintenance and improvement; annual capacity and operations planning; development and optimization; CAPEX and ROI; automation and digitalization.

Scope: daily and annual planning and follow-up; achievement of SQCDM Engineering and company targets in alignment with partner departments; industrialization; assurance of single-digit PPM; APQP/PPAP; NPI/SOP; PFMEA/SPC/8D; CAPEX; Lean/Kaizen; OEE/TEEP; safety, quality, cost, efficiency and 100% fulfilment of customer orders.

CONCURRENT LEADERSHIP ASSIGNMENT - IoT ENTERPRISE PLATFORM AND PROCESS DEVELOPMENT | 2017 - Jun 2022 | 23 direct reports

- Achievement of **15% OEE improvement** and **5% productivity** growth through **Industry 4.0- and IoT-based** manufacturing solutions.
- Leadership of the organization recognized as **Europe's Best IoT Development Team** by the European Manufacturing Innovation Development Center.
- Development and deployment of a corporate IoT/software platform in collaboration with Japanese and European stakeholders on strategy, annual priorities and implementation.

PRODUCTION ENGINEERING MANAGER - ASSEMBLY AND PERFORMANCE TEST | 2006 - 2011

- Leadership of Production Engineering activities for Assembly and Performance Test operations according to SQCDM. Improvement of manufacturing stability, capacity readiness, quality and productivity.
- Manufacturing preparation; production-line concepts; industrialization and automation of equipment cells; APQP/PPAP processes and mass-production support.

MECHANICAL ENGINEER / PRODUCTION ENGINEERING ROLES | 1998 - 2006

- **Progression from entry-level Mechanical Engineer through increasingly broad Production Engineering responsibilities, based on demonstrated technical and leadership capability.**
- Diesel and later Common Rail Diesel manufacturing preparation, process launch and mass-production stabilization; process and equipment development.

SELECTED STRATEGIC PROJECTS

- **2018-2022: Development of a European-level IoT and Industry 4.0 platform.**
- **2016-2018: Productivity and flexibility improvement through automation and add-on Kaizen projects.**
- **2013-2017: Manufacturing equipment layout optimization.**
- **1998-2018: Common Rail Diesel manufacturing preparation, production-line specification and industrialization.**

HONOURS AND RECOGNITION

- **2021: “Europe’s Best IoT Development Team” recognition.**
- **2019: Japanese Presidential Special Award in a global organization of approximately 150,000 employees (10 recipients annually).**
- **2019: Presentation of our results as the sole overseas-subsidiary presenter at an 800-participant supplier conference in Japan.**
- Numerous Customer awards received by the Engineering teams.

CAREER TRANSITION AND PROFESSIONAL DEVELOPMENT

TARGETED PROFESSIONAL DEVELOPMENT | 2022 - 2023

Targeted upskilling during the transition between Denso and Masterplast: Agile product development, project management, APQP, Lean Six Sigma and 8D problem solving.

EDUCATION

MECHANICAL ENGINEERING DIPLOMA

Széchenyi István College of Transport and Telecommunications Engineering | Győr, Hungary

Specialization: Automotive Manufacturing Technology

AUTOMOTIVE TECHNICIAN QUALIFICATION AND SECONDARY SCHOOL DIPLOMA

Ybl Miklós Technical Secondary School | Székesfehérvár, Hungary

SELECTED RECENT TRAINING

- **2024: Lean and Industry 4.0 Process Development - Kürt Academy, Budapest.**
- **2023: Agile Product Development; Project Management; FMEA; APQP; Lean and Six Sigma; 8D Quality Claim Management.**
- **2021: Industry 4.0 - Aurum Training Center, Budapest.**

Additional professional training available upon request.

LANGUAGES

Hungarian – native | English – solid B2 proficiency with strong professional vocabulary

ADDITIONAL INFORMATION

- Driving licence: Categories B and C.
- **Leadership approach: strategic direction, disciplined execution, mentoring, cross-functional alignment, flexibility and continuous development.**