



Robyn Rooks

Senior Lean Practitioner

BACKGROUND SUMMARY

Robyn has more than twenty-five years of experience in lean manufacturing. He spent 12 years in Final Assembly, New Model Development, and Production Control at the Toyota Georgetown, KY facility, and has extensive experience in the Toyota Production System. Robyn has been a Senior Lean Practitioner for over two decades, assisting companies such as Ford, Chrysler, Harley-Davidson, Gates, Toro, Acument Global, Parker Hannifin, and Stanley Black & Decker, where he has had great success in unionized and non-unionized plants in the US and abroad. He has coached Division and Site Lean Leaders at 16 sites across 5 divisions on their internal WIN Certification and PLS system. Robyn's focus areas include Total Productive Maintenance (TPM), Quick Change Over (QCO), Plan for Every Part (PFEP) philosophy (5S, material flow, centralized supermarket, and line balance), and distribution center organization.

SELECT EXPERIENCE

Lean Practitioner
Senior Lean Consultant
Production Control Specialist
New Model Development
Final Assembly
Senior Engineer, Manufacturing Excellence
Veteran, United States Air Force
Author

CORE COMPETENCIES

Lean Manufacturing
Supply Chain Consulting
Team Leadership
Plan for Every Part (PFEP)
Total Productive Maintenance (TPM)
Quick Change Over (QCO)
5S
Toyota Production System

EXPERTISE & ACHIEVEMENTS

- **Implemented material flow** in a hydraulic hose and fitting facility, resulting in the creation of centralized supermarkets, control on batch builds, and inventory reduction of \$450,000
- **Implemented PFEP philosophies**, resulting in first-pass material savings of \$750,000 and a manpower reduction of twelve people
- **Introduced and trained Autonomous Maintenance** checklists and audit measurements, realizing a 23% uptime increase and a 60% reduction in yearly replacement motor cost
- **Co-author** of "Turbo Flow: Using Plan for Every Part (PFEP) Turbo Charge Your Supply Chain"

PROFESSIONAL HIGHLIGHTS

Lean Manufacturing Consulting: Robyn has consulted an array of manufacturing organizations:

- Success in implementing material flow in a hydraulic hose and fitting facility resulted in the creation of centralized supermarkets and control on batch builds and inventory reduction of \$450,000.
- While working in a global marine engine manufacturing, he implemented PFEP philosophies, resulting in first-pass material savings of \$750,000 and a manpower reduction of twelve people.
- Robyn used his training from Toyota to co-author and implement a phased TPM program for a large rubber belt manufacturer, across several plants, where he introduced and trained Autonomous Maintenance checklists and audit measurements, realizing a 23% uptime increase and a 60% reduction in yearly replacement motor cost.
- Robyn has also helped clients develop distribution storage, receiving, and put-away concepts as well as develop and train distribution personnel on zoning, storage slotting, and material placement, resulting in a 70% increase in lines picked per hour metric, greatly improving customer on-time delivery and order accuracy.