

Onsite Operator Training – Shop Floor Training

Onsite Training | 0,5 Day

In this **compact and highly practical onsite training**, operators are empowered to gain a **confident and comprehensive understanding of their own press hardening equipment – directly at their workplace**. The focus lies entirely on the **real-life challenges of daily production**, making this training exceptionally relevant and immediately applicable.

Participants will not only learn how to **safely and efficiently operate the PHS production line** but will also be trained to recognize subtle changes in process conditions and understand their **impact on product quality and equipment durability**. Through close interaction with experienced trainers and real-time demonstrations, this session turns routine tasks into opportunities for **process optimization and proactive quality assurance**.

This is not just instruction – it is **empowerment on the shop floor**.

Target Audience

This training is ideal for:

- **Operators, machine attendants** and **shift personnel** working directly on or with the press hardening line.
- **Team leaders** and **foremen** responsible for line performance and shift coordination.

Your Benefits

- In-depth **hands-on understanding** of the press hardening process at your own facility
- Increased **process awareness** and ability to respond to abnormalities with confidence
- Enhanced **decision-making skills** regarding quality, equipment condition, and safety
- Reduction of **downtime and waste** through better parameter control and early fault detection
- Strengthening of **team performance** and communication along the production line

Operators become not just executors, but **active contributors to a stable and high-quality manufacturing process**.

Learning Methods

This training is delivered **directly on the production floor**, using your own machines and workflows. It combines **brief targeted theory inputs** with **practical demonstrations**, real-

time evaluations, and interactive discussions. The **Leading Insights' trainers** are experienced professionals with extensive real-world experience in press hardening who speak the language of production teams.

Seminar Content Overview

T1: Introduction and Orientation

- Brief explanation of the press hardening process
- Overview of the machine components and their functions

T2: Focused Practical Topics

Participants will explore the **real-time impact of process settings** on production results, including:

- **Adjustment of key parameters** (temperature, transfer times, press settings)
- **Tool wear and tool maintenance** — how poor process control can reduce tool life
- **Roller contamination** and prevention strategies
- **Surface condition monitoring** — signs of coating defects and their root causes
- **Recognizing typical fault patterns** in components and understanding what they indicate

T3: Working Towards a Stable Process

The core objective is to enable participants to **quickly and confidently bring the process into a stable, efficient, and repeatable state**. This includes:

- Understanding the **tolerance range** of process parameters
- Knowing when and how to intervene
- Understanding **feedback signals from the line and the product**

T4: Final Wrap-Up and Discussion

- Summary of key insights
- Individual Q&A session to address specific concerns from daily operations
- Exchange of best practices from experienced trainers

This half-day training **lays a strong foundation for improved quality, safety, and process reliability — all in the hands of the people who make it happen: your operators.**



LEADING INSIGHTS
DRIVING AUTOMOTIVE EXCELLENCE



*“Learn when, where and
what you want!
Sounds tempting,
we support your needs...”*

Christian Kovacs