

ON THE LINE

Limntech.com/company/ontheline

Is the LifeMark®-400 Right for You?

An Inside Look at Automated Layout and Restripe Technology.

In today's pavement marking industry, technology is evolving rapidly — and expectations are rising. If you're looking to **boost productivity, reduce labor, and increase line consistency**, the **LifeMark®-400 Auto Layout and Restripe Assist System** deserves a close look.

Like any advanced tool, the LifeMark-400 performs best when matched to the right applications and operating conditions.

Two Core Capabilities. One System.

The LifeMark-400 combines **Auto Layout** and **Restripe Assist** in a single integrated platform, using GPS, HD cameras, AI, and advanced robotics.

Auto Layout Mode

In layout mode, it functions as a **LifeMark-100**, capable of surveying or importing marking designs and applying layouts up to 10-mph. This results in:

- **10x faster layout** than traditional methods
- Up to **97% labor reduction**
- **One operator** safely in the cab
- Stable data capture, depending on **RTK/cellular connectivity** and **visible markings**

If field survey isn't possible, files can be uploaded directly.

Restripe Assist Mode

Restripe Assist uses onboard tech to track existing lines and automate spray control. It:

- Detects and follows visible markings
- Controls the carriage and guns automatically
- Supports **full-auto, semi-auto, or manual** modes depending on job conditions

While it doesn't necessarily increase throughput, it **boosts quality, reduces operator stress**, and minimizes the experience needed to achieve consistent results. Especially valuable in **high-turnover crews** or during long, fatiguing shifts.

Where It Excels

The LifeMark-400 is ideal for companies or agencies that:

- Perform both layout and restripe work
- Need to upgrade temp markings to durable
- Struggle with labor shortages or high turnover

ON THE LINE

Limntech.com/company/ontheline

- Want to modernize operations while improving safety and accuracy

It performs best when line visibility is good, layout demand is high, and quality standards are critical.

Built for the Future: Level 3 Automation

The LifeMark-400 is a **baseline Level 3 automation system**, designed for human-supervised automation. It's not fully autonomous — but it's:

- **Reducing manual tasks** like tracking and triggering
- **Upgradeable** with future software and hardware improvements
- Positioned to evolve with AI, sensor tech, and cloud integration

It's a smart foundation for today, and a scalable tool for tomorrow.

Considerations Before You Commit

Like any advanced tool, it has limitations:

- Requires good **RTK and cellular signal**
- Performs best with **clearly visible markings**
- Operators still need training and judgment
- Not a “push-button” solution — it's a professional-grade system

Setting clear expectations ensures better results and adoption.

Is It Right for You?

Ask yourself:

- Do I want to reduce labor while improving line quality?
- Can I support basic operator training?
- Am I ready to invest in scalable automation?

If yes, the LifeMark-400 may not just be the right tool — it may be your **next competitive advantage** in pavement marking.