

# Steel Plate Distributor Hoists Savings and Safety



“We were looking for a worker safe, productivity enhanced method of pulling material from our Steel Plate Pit.

LPI created an innovative catwalk system that met all the requirements.”

- Bill F. Project Manager, Liebovich Steel



## PROJECT SUMMARY

**Challenge:** Provide a safer means of accessing the “steel pit” when pulling product without hindering operations.

**Solution:** Elevated Platform walkway that articulates in all necessary directions.

**Benefit:** Worker accepted, improved ergonomics and improved productivity.

*Material Handling and Personnel Lifting Solutions*



Designed and Manufactured  
in the USA



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# LPI Improves Efficiency and Safety at Liebovich Steel, Rockford, IL



## THE SOLUTION:

**LPI Moving Catwalk Lift  
with Dual Independent Platforms**

### Features:

- OSHA Compliant
- 4 Safety Harness Points
- 25 Ft. Horizontal Span
- Travel Speed: 60 Ft./Min.
- Fixed Main Bridge Vertical Height
- Bridge Platform: Max. 500 Lbs.
- Vertical Drop Platform: Max. 350 Lbs.
- Removable Platform Grating
- AC Power: 480 VAC 3 Phase

### Benefits:

- Worker Safety
- Reduced need for two workers to separate plate steel for lifting
- Worker Acceptance
- Operational Productivity

## THE CHALLENGE:

Develop a safer method that allows the worker to access the tops of the plates without having to walk on top of them and still allow for access to all of the products without making it more difficult for the worker or hindering productivity.

Steel distribution centers sometimes store plate steel in material pits, arranged in a vertical orientation, by thickness and type of steel.

Physical size and weight of steel plates present material handling and safety challenges.

Ensuring worker safety and operational productivity while retrieving and moving this material presented an opportunity for LPI to design a custom "cat walk" style man lift.

Before the new moving catwalk was installed, workers precariously climbed on top of the oily steel plates with limited fall protection prying and separating the plates so that an overhead crane hook could lift the product.



"Liebovich Steel has a strong commitment to worker safety and increased productivity at their facilities nationwide. LPI listened to the concerns and challenges and delivered an affordable solution which may become our standard for plate steel lifting."

"Overall the solution that LPI provided was widely accepted by the workers and has made the process of picking steel plates easier and safer for the workers."

**Efficiency and Safety Solutions by LPI, Inc.**



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