



RIGID LIFELINES
Division of Spanco, Inc.

**FREESTANDING
SWING ARM**



FREESTANDING SWING ARM

Provides Easy Movement, Minimized Swing Fall, and 360-Degree Rotation

THE CHALLENGE

FLSmidth—a world-class provider of crushing equipment for mining, cement, and aggregate industries—needed a fall protection solution for at-height workers who install, service, maintain, and manufacture parts for their large crusher machines.

As a leading provider to the global cement industry, FLSmidth invests heavily in developing new solutions to meet the important energy and emissions challenges of their customers. There was only one problem. According to Mr. Downs, his workers were timid about climbing onto the crushers, which could present grave danger if someone were to fall.

They began to tie themselves off to overhead machinery, but Mr. Downs wanted a system that would meet their specific needs and ensure the ongoing safety of his workers. In 2012, Downs decided to call local Rigid Lifelines' dealer Illinois Electric.

Mike Bogner from Illinois Electric answered the call and quickly conducted a thorough assessment of their application and facility.

THE SOLUTION

After careful analysis of FLSmidth's Illinois-based crusher manufacturing division and their specific application, Mr. Bogner recommended a Freestanding Swing Arm Fall Protection system from Rigid Lifelines.

The system is perfect for their specific application because it provides 360-degree rotation for full circular coverage of their workspace, along with maximum span and high trolley-hook height.

The freestanding swing arm includes a dual fall arrest track, which allows two workers to use the same system simultaneously and pass one another as they work. The arm reaches a full 20 feet, with a height of 15 feet under the boom.

According to Mike Downs, "The guys love the mobility of the system. We strive to put safety first, even if it means jeopardizing production to improve worker safety."

"But," he continues "with our new Freestanding Swing Arm from Rigid Lifelines, we get to have both. And, that's the best possible outcome."

360° unencumbered movement in all three directions

30' maximum arm reach and trolley-hook height

0% chance of swing fall with user's attachment centered overhead

Features & Advantages

- Swing Arm can be freestanding or wall-mounted
- Portable base option for freestanding systems
- Trussed track is lightweight and cost effective
- Multiple tracks for multiple workers
- Users can perform multiple tasks over a large area without unhooking
- Minimizes chance of swing fall with attachment centered directly overhead

