

# Effective SAFETY Solutions

## SOLUTION N°20

**BUSINESS: Extrusion of aluminium Profiles**

### THE ISSUE

Dangerous transport of unstable cargo with the possibility of shaking / swinging by using mono hosts.

### THE SOLUTION (additional level of protection put in place)

Type:    Technical     Procedures     Others

### CRITICAL CATEGORY

3. Lifting operations

#### Description of key feature or change versus current conditions:

To prevent transported material from swinging and falling off during any crane operations, the plant has tested a new smart safety functionality for overhead mono hoist type cranes.

Sway Control works by stabilizing the load during trolley traverse and/or bridge travel motions. This smart feature works automatically: the operator can accelerate and decelerate the crane as needed while the Sway Control feature works to minimize sway. Sway Control can be activated via the selector switch on the operating interface. Crane operators can control and position loads with predictability and precision and operate all motions simultaneously both in manual and optional automatic modes.

### PICTURES (if applicable) or ADDITIONAL INFO

#### SAFETY BENEFITS – pros/cons

Much safer operations for less experienced operators

#### IMPLEMENTATION COST (k€)

80 k€ full overhead crane with installation lower cost when combining with existing cranes.

