



JFE

# Laser range-finder improves operator safety

**Category:** People  
**Sub-category:** Workplace improvement

## Challenge

After the worker mounted a coil on the payoff reel of the slitting line, they had to manually adjust the coil according to the position of the blade. The adjustment enabled the slitting machine to cut the coil precisely. The operator had to manually measure the distance between the edge of the coil and the end of the reel which meant they were within the operating range of the machine and could be injured.



## Action

A laser range-finder was installed on the slitting machine to measure the distance between the edge of the coil and the end of the reel. The operator can now adjust the position of the coil on the reel from outside the operating range of the machine. They only need to watch the measurements of the laser range-finder.



## Outcome

Installation of the laser range-finder reduces the chance of the operator becoming caught in a coil as they can work outside the operating range of the machine.

