

# Mining Company Improves Safety and Efficiency With WESCO and Anixter's INSTA-REEL



## CHALLENGES

An underground mining company in the western United States had been pulling the MP-GC cable for their equipment the same way for decades. Due to the location being thousands of feet below ground, all equipment must be brought down via freight elevators. There is also limited space to set up and work in the underground shafts. These challenges made pulling cable in the mine not only time consuming and inefficient, but also dangerous due to the inherent risk of transporting and the manual set up of jack stands within the confines of the mine.

## SOLUTIONS

When discussing these challenges with WESCO and Anixter, our team recommended that the customer use INSTA-REELS to reduce labor costs and the risk of injury, all while streamlining the cable pulls. An INSTA-REEL consists of a standard wooden reel that has oversized flanges attached to both sides. The inner reel spins independently of the outer flanges, creating a reel with a built-in payout system. It is shipped in its' own cradle, so the pallet can easily be moved into position and pulled immediately with no other set up. For added flexibility or tight spaces, it can simply be removed from the cradle, rolled into place, chocked and is ready to pull.

WESCO and Anixter provided the MP-GC mining cable cut to length and preloaded on INSTA-REELS. This provided the customer with an opportunity to simply secure the Insta-Reels into their custom cradles which are then transported by a tele-handler (special forklift) directly to the pull site and they are ready to go. This eliminates the need to transport and manually set up jack stands, reducing the risk of injury to their employees.

## SUMMARY

### CUSTOMER

An underground mine in the western U.S.

### CHALLENGES

- Difficulty transporting equipment down the freight elevator
- Additional time and labor costs in setting up jack stands and setting reels
- Limited work space in the mine shaft

### SOLUTIONS

- WESCO and Anixter's INSTA-REEL

### RESULTS

- Decreased reel setup time
- Reduced cost of installation
- Improved safety
- Cut down on waste and disposal costs

## CASE STUDY

Mining Company Improves Safety and Efficiency With WESCO and Anixter's INSTA-REEL

WESCO®

ANIXTER



## RESULTS

Using INSTA-REELS instead of standard cable reels has greatly improved the customer's operations. Not only has it reduced labor costs by speeding up installation and requiring fewer people, but it has also improved safety since the workers don't need to move, lift and set up jack stands. Additionally, the customer has reduced waste and disposal costs since INSTA-REELS are returned to WESCO and Anixter to be reused, which is both eco-friendly and cost-efficient. Overall, the customer is very pleased with their streamlined operations as a result of using INSTA-REELS.

### Cables

- Armored Cables
- Building Wire
- Diesel Locomotive
- Fiber Optics
- Medium Voltage
- Mining Cables
- Solar PV
- Telecommunications
- Tray Cables
- VFD Cables

### Enhancements

- Joy Winding
- Layering
- Paralleling
- Pulling Eyes Attached

To learn more about INSTA-REEL and the options available, please visit [anixter.com](https://anixter.com).

## INSTA-REELS for all applications

Anixter Design: Cost Effective, Scalable, Multi-Purpose



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21S0154NA © 2021 WESCO and Anixter 04/21

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