How a world electronics leader is now faster than ever

Case study overview

Daktronics is a world leader in designing and manufacturing electronic scoreboards, programmable display systems and large-screen video displays. Daktronics Ireland gained additional operational efficiency with faster cable identification. The company can now identify a cable with a wrap-around label in fewer than five seconds.

Challenge

Daktronics Ireland was primarily using heat-shrink sleeves to identify large volumes of cables that keep the world's most viewed scoreboards and digital displays up and running.

Cable sleeves were a reliable solution to identify cables, however they required time to slide over a cable, and to heat-shrink into position. Faced with increasing volumes of cables, Daktronics Ireland was actively looking for increased cable identification efficiency, so they reached out to Brady.

Solution

As a way for companies to understand the impact of automated solutions, Brady provided an ROI-calculator that uses customized data for labor cost, label materials and cable volume. Companies can decide on available automation solutions by entering customizable data on labor cost, cost of label materials and different volumes of cables. After reviewing the results, Daktronics Ireland realized faster, more efficient cable identification was possible with the Wraptor™ A6500 Wrap Printer Applicator.

The Wraptor A6500 is triggered manually to print a label and wrap it around a cable in maximum of 5 seconds. Identification for cables with diameters from 2 mm to 16 mm can be automated with the Wraptor A6500. Users can create and store label designs on the printer-applicator, or use label design apps from Brady Workstation for additional functionalities. The Wraptor A6500 also integrates with ERP systems, making it easy to acesss company data when printing labels.

At-a-glance

Company: Daktronics

Challenge: Global business needed increased efficiency for cable identification.

Solution: After conducting initial analysis with Brady's ROI-calculator, Daktronics Ireland decided on an automated solution, the Wraptor A6500 Wrap Printer Applicator. Designed to save labor and time, the Wraptor A6500 prints and wraps cables in 5 seconds.

Result: Daktronics Ireland increased cable identification efficiency by using wrap-around labels and the Wraptor A6500. A faster, more visual approach proved successful, and now cables are identified in just 5 seconds.

Using the Wraptor A6500 to increase cable identification efficiency also meant Daktronics was moving away from cable sleeves to cable wrap-around labels. Brady provided guidance and support on the selection of the best-fitting label sizes for the cable types Daktronics uses. To ensure a tight label fit, the size of a wrap-around label was determined by the diameter of the cable it identifies.

Additionally, Brady suggested the B-427 vinyl self-laminating wrap-around label in the required set of sizes. This label is designed to stay attached and remain legible on Daktronics cables in all conditions.

Brady technical experts visited Daktronics to provide a day of training for their technical teams on in-depth system options, settings and optimal maintenance.

Results

Daktronics now identifies cables much faster using reliable cable wrap-around labels. The time needed to identify a cable has been optimized to 5 seconds maximum. This added efficiency enhances their ability to keep the world's most viewed scoreboards and digital displays up and running.