



TRANSIT CASE STUDY

CUSTOM FLASH-BUTT WELDING SOLUTIONS

KEEP AMERICA'S OLDEST TRANSIT SYSTEM RUNNING STRONG

CHALLENGE

Working to maintain the nation's oldest subway system can be a challenge. In Boston, tight curves, low clearance tunnels, catenary lines, third rail and other restrictions mean that operator and equipment needs vary greatly from project to project. When it comes to making high-quality repairs made via flash-butt welding, equipment configurations can be uniquely challenging.



Email sales@hollandco.com

Visit hollandco.com

Call 708.672.2300

SOLUTION

As the designer and manufacturer of the flash-butt welding equipment we operate, Holland has a track record of working directly with our partners to engineer unique solutions for unique circumstances. We have multiple flash-butt welding equipment configurations that have successfully been used in the Boston area on projects such as the MBTA Green Line Extension, MBTA Blue and Red Lines, the MBTA Longfellow Bridge and more. Our flexibility gives us the ability to meet the needs of transit systems across North America.



TRADITIONAL MOBILEWELDER®

The use of electric flash-butt welds in rapid transit rail operations offers many of the same benefits enjoyed by freight railroads. High-quality flash-butt welds provide a smoother ride, increased durability and the lowest lifetime cost. Our Intelliweld® Control System provides an unmatched degree of accuracy and quality in the production of rail welds.

TURNOUT MOBILEWELDER®

Our Extended Reach MobileWelder® is a boom-crane equipped portable welding system, capable of deploying the welder head up to 40 feet (32 feet with welder head and puller) to the side of the truck and has the capability of welding from a right of way road onto the track, or from one track to an adjacent track, depending on the distance between track centers.



HOLLAND MOBILEWELDER® 702

Unit 702 is one of Holland's all-terrain welding systems with the ability and versatility to weld in third-rail territory. This welding unit is designed to access welding locations that a conventional welding truck cannot reach. This unit has been used to weld on transit lines and historic bridges such as the Benjamin Franklin Bridge in Philadelphia, PA and the Lechmere Viaduct in Boston, MA.



HOLLAND MOBILEWELDER® 60

Unit 60 is a containerized welding system that is used in complex welding locations on transit systems. This modular welding platform is designed to be used to weld CWR in for tunnel projects. Specifically, this unit has been used in Boston's MBTA tunnels and in New York City on the MTA. This modular welding is also a great option for locations where rail trains or spine cars cannot drop CWR.

