Holland® **ENGINEERING &** MANUFACTURING

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YOUR RAIL SOLUTIONS PARTNER

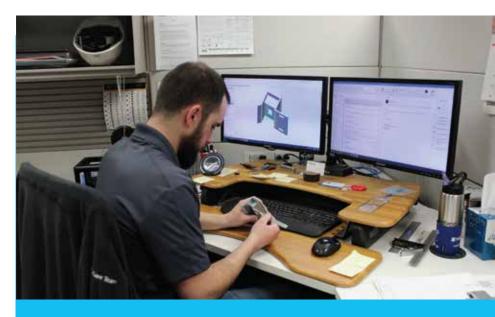
Founded in 1935, Holland has been a leader in progressive and comprehensive solutions spanning the rail industry for 85 years. It's not one service or product that does it all but a continuing dedication to our partners and building lasting relationships that address real-world problems with unique solutions. We employ a diverse, talented and innovative workforce of nearly 1200 employees committed to providing the best. With multiple facilities and job sites across North America and equipment in over 36 countries, we are strategically located to provide our customers with high-quality products and services as quickly as possible.



Holland is committed to innovation and capitalizes on our expertise in R & D, Engineering and Manufacturing to work side-by-side with our customers in assessing their issues to create the solution that works best for them.

Fully Trained and Versatile Manufacturing Team

- Cellular Manufacturing Assembly Area
- Moving Production Assembly Line
- Custom/Specialty Fabrication Area
- 64' x 20' Commercial Paint Booth
 - 20' x 12' Cleaning/Prep Room
 - 9' x 12' Mixing Room
- Complete electrical, hydraulic and pneumatic services
- Small engine repairs
- Offsite manufacturing support
- Equipment overhaul, maintenance and service calls
- ISO-9001 and AAR-M1003 Certified



Fully Staffed Engineering Team

• Mechanical, Electrical, Hydraulics, Pneumatics, Value Engineering Group, Research & Development

- Concept, Prototype, Production Development and Implementation
- In-house 3D printing capability
- FMEA (Failure Mode and Effects Analysis) & FEA (Finite Element Analysis)
- Six Sigma Certifications

Holland is skilled and experienced in manufacturing rail trains and other CWR equipment. In conjunction with our fixed rail plants, Holland's bi-directional rail trains are the perfect addition to provide continuous welded rail to your desired location.

We have multiple equipment offerings available that are capable of loading and unloading rail strings 90-141 pounds and up to 1600 ft. in length. These cars can be designed to hold up to 60 pockets and 6 tiers.



Car Offerings –New, Used and Re-Manufactured:

Roller Stand Car

• With or without flanged rollers

Tunnel Car

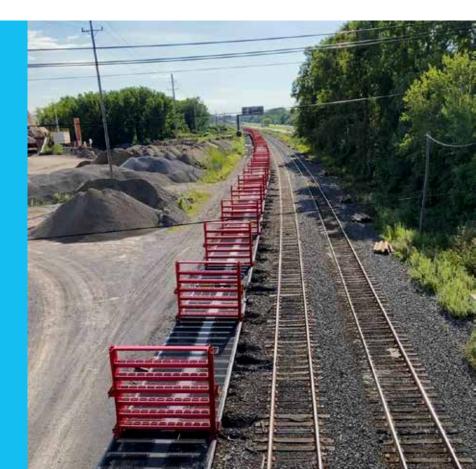
- Collapsible safety railing systems
- Dual hydraulic ramp assemblies
- With or without blast doors

Tie Down Cars

- Overhead safety cat walks with railing system
- Collapsible safety railing systems

Unloading Units

- 2 Car Unloading Units Consists of:
 - Power Car and Ramp Car
 - 1 Car Unloading Unit





Porta-Plant

When the availability of rail trains or delivery of welded strings to a job site is not practical, a Holland Porta-Plant can solve some of the most critical issues for our customers planning rail installation projects. Similar in function to one of our fixed plant locations, we can provide a cost-effective solution to your logistical needs while delivering the same complete welding services.



Whether it's rehabilitating an existing facility or welder, or updating equipment like polishes and pullers, we work with you to figure out precisely what's needed to get the job done right.

Fixed Plants

Holland not only has experience engineering, building and operating our fixed rail welding facilities, but we also design and manufacture welding plant equipment for unique customer needs. As the industry leader in flash-butt welding, we offer high production equipment built by experienced personnel.





We design, manufacture, operate and maintain our own equipment allowing us to be not only the most efficient, but also the most innovative. From track measurement vehicles to rail trains we strive to be a true partner to the rail industry by working with our customers to deliver the solutions they need to get the job done.

Flash-Butt Welding

Our equipment is designed by people who weld rail for people who weld rail. We engineer, build and operate our own MobileWelders in North America and Australia, as well as design and manufacture Container, Skid and All-Terrain Welders for sale globally.

Track Testing

Holland's fleet of track testing vehicles is designed to satisfy the track geometry and rail profile measurement requirements of Class 1, Regional, Short Line, and Transit properties in North America. Aside from operating our own TrackSTAR[®] contract testing vehicles, Holland provides custom testing and track geometry vehicles utilizing our Argus Track Measurement Technology Suite.

Custom Solutions

Sometimes your rail organization has an issue that can't be solved by the current solutions available. Holland has a proud history of working side-by-side with our customers to develop new technology to address a wide variety of MoW, Mechanical and CWR issues in an efficient and cost-effective way.

Holland

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