



# PORTFOLIO



FREIGHT



LIGHT RAIL & STREETCAR



COMMUTER & HEAVY RAIL



HIGH SPEED

### The Railway Systems Solution

voestalpine Railway Systems Nortrak services all segments of the North American rail industry, from the freight operations of Class I railroads and shortlines, ports and industrial contractors to passenger agencies and contractors working on light rail, streetcar, commuter, heavy rail or higher speed operations.

Our in-house North American engineering team understands the challenges faced by our customers in each of these unique segments, and they bring over 400 years of railway design experience to provide customized solutions for any project. They are also able to draw from a network of over 150 engineers worldwide within the voestalpine Railway Systems organization.

Because our team includes leading experts in the disciplines of special trackwork, concrete, plastics, fastening systems, rail and signaling, we are able to bring a multi-disciplinary approach to solving customer problems. We are therefore capable of treating different track infrastructure components as a system, and can deliver a complete railway systems solution.



## SPECIAL TRACKWORK

With our Decatur, IL foundry producing *Buy America* compliant manganese steel and ductile iron castings, we transform customer requirements into real products that meet the demands of day to day railroad operations. This includes products such as:

- » “meter” family of transit turnouts in a wide variety of radii
- » transit switches with AREMA style tongue and mate or VDV style double flexive tongues
- » all varieties of turnouts, including full encapsulation
- » diamond crossings
- » Heavy Point Switch
- » ClickTite™ rail brace
- » SafeGuard guard rail fastener
- » BlueRoll point roller
- » all varieties of frogs (SSGM, RBM, jump frog, WBM, WSM®, moveable point)



## FIXATION SYSTEMS

Our line of specialty ties and fasteners includes:

- » concrete turnout, bridge and crossing ties
- » HST® hollow switch tie
- » keyway concrete tie for wood territory
- » rail seat rehabilitator
- » bonded direct fixation fasteners
- » LORD-Nortrak bonded special trackwork direct fixation fasteners
- » ductile tie plates and fasteners
- » resilient rail pads and insulators
- » Getzner ballast mat, under tie pads and resilient plate pads



## SIGNALING

In addition to our Automater® line of yard switch machines, we provide a wide range of signaling products from our affiliate voestalpine Signaling:

- » CSV-24 and CSV-34 embedded switch machines
- » Unistar-HR mainline switch machine
- » axle counting systems
- » hot wheel and hot box monitoring
- » acoustic monitoring systems
- » Fixed Infrastructure Asset Monitoring (switch machine, track circuit, etc)



## PREMIUM RAIL

As the market leader in Europe with worldwide operations, our affiliate voestalpine Schienen manufactures the world's widest range of ultra-long rails, which are also available in many premium heat-treated grades.





## USA

Birmingham, AL  
Cheyenne, WY  
Chicago Heights, IL  
Decatur, IL  
Newton, KS  
Pueblo, CO

## CANADA

Richmond, BC

## MEXICO

NORTRAK-DAMY  
Guadalajara, JA  
[www.damy.com](http://www.damy.com)

In-house design and manufacture of railway system solutions encompassing:

- » custom engineering
- » premium rail
- » special trackwork
- » concrete ties
- » direct fixation fasteners
- » rail pads, insulators and ballast mat
- » switch machines
- » castings and plastic moldings

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**voestalpine Railway Systems Nortrak**

[www.voestalpine.com/nortrak](http://www.voestalpine.com/nortrak)

**voestalpine**

ONE STEP AHEAD.