



Automated Application Systems

Railroads face diverse and unique challenges in daily maintenance projects. WVCO Railroad Division recognizes that and strives to provide customers with effective, yet easy-to-use options.



Benefits of Automation

From handheld portable canisters to motorized chassis that support a high production gang, WVCO Railroad Division has systems to support the continuum of repair needs quickly and effectively.

High Production Systems

Nordco Tie-plugging Chassis

We've partnered with Nordco Inc., another innovative industry leader, to provide a tie-plugging chassis that is safe, high-production and easy to operate.

System Features

- On-board chemical storage
- Two dispensing systems for maximum production
- Emphasizes safety, high-production rates and operator ease
- Minimal maintenance and clean up

Sperling Large Tie-plugging Chassis

Our partnership with Sperling Railway Services, Inc. has resulted in our being able to offer the Sperling Large Tie-plugging Chassis. This impressive piece of equipment can be used in single-rail gangs where the rail is in place or has been removed.

System Features

- Large storage for bulk chemicals
- Seats up to six people
- Crawlers on either side of chassis
- Minimal maintenance and clean up

Intermediate Production Systems

SF-350 SDS and SF-400 TH Systems

WVCO Railroad Division's newest innovation in tie plugging are single-meter portable application systems. These systems are the ideal size for small maintenance crews. The SF-350 SDS has wheels that allow it to roll on the track, while the SF-400 TH requires an on-track vehicle. The work in medium-sized maintenance projects becomes much more efficient when using these new application systems.

System Features

- On-board power supply
- Heavy-duty frame construction for durability and reliability
- Minimal maintenance and clean up
- SF-350 SDS has wheels allowing it to roll on track and work easily with one operator
- SF-400 TH fits easily into most high-rail and section vehicles

Sperling Small Tie-plugger Chassis

WVCO Railroad Division, in partnership with Sperling Railway Services, Inc., offers a tie-plugging chassis, smaller than the Sperling Large Tie-plugging Chassis, for use in single rail gangs with rail removed. There are crawlers on either side of the chassis to allow working either side of the rail, without having to turn the machine around.

System Features

- Crawlers on either side of the chassis
- On-board quiet pack diesel engine generator
- Easy to fill chemical storage tanks

Automated Application Systems

Rail gang plugging ties with Nordco Tie-plugging Chassis.

