

J-LOK P Pumpable Resin Injection System

Bolter retrofit solution



Designed for underground hard rock bolting performance

To help overcome the challenges our customers face in securing the underground mining environment, we've developed an arrangement with JENNMAR, a leader in advanced bolting systems. The JENNMAR J-LOK P pumpable resin injection system is available as a retrofit solution for your current bolter fleet. This advanced proprietary system uses a polyester-based resin for strong bolt anchorage, variable set time starting as fast as ten seconds, increased longevity versus traditional urea silicate-based resins, and many other advantages.

Quick benefits

- **Promote a zero harm mentality** with exceptional bolting
- **Better bolt anchorage** than urea silicate-based resin systems, especially in loose ground
- **Consistent bolting installs** and less prone to imperfection than urea silicate-based resin systems

Quick specs

- Composed of 80% inert limestone filler particles
- J-LOK P composite has a UCS of 6,500 psi
- Polyester resin used to manufacture J-LOK P has a flexural strength of 16,500 psi/113 MPa (ASTM D790)

Available as a retrofit solution: The J-LOK P pumpable resin injection system can be integrated with your existing bolter via our retrofit solution.

Cost-effective: Compared to standard, more traditional urea silicate-based resins, the J-LOK P is more economical and achieves lower installation costs.

Coming soon as an option for Komatsu machines: Currently, the JENNMAR J-LOK P system is only available as a retrofit on your existing bolter, but our product experts are working hard to make this advanced system available on new Komatsu bolter models in 2022.

Retrofit your fleet with an advanced bolting solution

Polyester based material delivers performance

The "P" in J-LOK P stands for polyester but could easily stand for performance. Compared to standard, more traditional urea silicate-based resins that most other OEMs offer, the J-LOK P polyester based resin is designed to deliver stronger and more reliable bolt encapsulation. With a variable set time that starts as fast as ten seconds, it's a rapid and efficient solution.

Peace of mind with a longer storage life

J-LOK P is capable of over a year shelf life under proper storage conditions. Long stability and storage life can simplify inventory and allows greater capability to keep what you need in stock for the long haul. Composition is also free of isocyanates, the harsh carcinogenic chemicals found in urea silicates.

Less sensitive to environmental factors

Compared to urea silicates, J-LOK has several advantages. There is reduced concern for product deterioration or chemical change of materials in the changing and harsh temperature conditions of underground hard rock environments, or when transferring the J-LOK P product. J-LOK P is also less susceptible to corrosion. The cartridge resin is easier to clean and maintain. Plus, J-LOK P is also less sensitive to imperfections in the borehole versus urea silicates.

Benefit from complete, compatible retrofits

The J-LOK P retrofit solution is compatible with all major and most other OEMs, allowing you to transform nearly any brand of bolting machine in your fleet. Our drilling experts will work with you to assess the benefit you'll get from retrofitting to the J-LOK P system, as well as help create a plan based on a focused application and solution optimization approach.

Discover how J-LOK P can help transform bolting for your mining operation.
Talk to an expert today.

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