

RS20s for AFC



Simplify, standardize and transform your longwall operations

Put more control in your operators' hands. The RS20s for AFC is a standardized solution across all Komatsu longwall products, providing a synergy of controls across longwall operations. A key advantage of this control system is the commonality it can bring to your longwall assets, providing efficient operations, easy updates, and many other benefits. Standardization also helps to make parts management, maintenance and product support easy and cost-effective.

Quick benefits and features

- Standardized control system across longwall products
- Commonality promotes easier parts management, maintenance and product support
- Operates as a standalone system or integrated with PRS and shearers
- Configurable and expandable for greater flexibility
- Easy PnP technology and scalable system architecture

Based on a proven RS20s PRS control system: This technology is based on the successful Faceboss RS20s roof support electronic control system that has a track record of exceptional performance and reliability.

Streamlined updates: Integration into the RS20s platform streamlines maintenance, offering greater control and less disruption with fewer software updates and improved delivery times. PnP technology makes changing components quick and easy.

Greater development potential: The RS20s brings greater development potential and can be easily scaled and expanded with the latest feature enhancements. Benefit from trouble-free integration with the Faceboss RS20n network (once available).

Gain the advantage of greater control

Promote zero harm with cutting edge features

The RS20s features a simplified set that can help reduce your equipment footprint layout around drives and allows greater flexibility of where controls are fitted. This system allows the PLC XP (explosion-proof) enclosures for AFC control at the main gate (MG) and tailgate (TG) drives to be removed. Operators can manage from multiple locations for comprehensive control and monitoring capabilities. Greater operational autonomy and convenience can help improve efficiency and promotes zero harm.

Valuable diagnostics in your hands

In working with our customers, we understand that greater interaction and fault diagnostics is something that is valued and appreciated in control systems. This RS20s takes these factors to a new level and provides helpful options for your team to optimize and maintain system operation. Your operation will benefit from improved fault diagnostics, which can help reduce troubleshooting time and minimize downtime. The RS20s also pinpoints faults on the face and alerts your operators via alarms and warnings.

Benefit from standardization

The new RS20s provides your longwall operations with an opportunity to standardize and integrate into a single control system. A common longwall control platform uses a common software language, which makes it easier to maintain. Standardization and interchangeability of parts — such as using the same cables, mimic footprint and micro as the PRS control system — makes it easier to support and reduce lead times for spare parts. You can also reduce your spares inventory by not needing to hold as many different types of parts in stock.

Discover how this advanced control system can help make your longwall operations more efficient and promote zero harm.



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