



SPEND MORE TIME LOADING AND LESS TIME SERVICING

Reduced downtime and maintenance costs are key contributors to the R1700 XE's ability to achieve the lowest possible owning and operating costs. With more robust structures, modular and longer-lasting components, parts commonality, more accessible maintenance areas and extended service intervals, the R1700 XE can be maintained in less time for less money by fewer people — helping you lower cost per ton and keep your machines hard at work.

MODULAR AND LONGER LIFE COMPONENTS

The R1700 XE features several components — like the HVAC system and the cooling system — as modular designs that can be removed from the machine as a single unit and slotted back into place as a single unit, allowing the machine to get back into service much more quickly. Similarly, all machine ECMs are in a single, well protected and sealed box accessible from the work platform.

In addition, the R1700 XE Electric shares strong parts commonality with the R1700, making it possible for mines that currently have R1700s to reduce their parts inventory by using those parts on the R1700 XE.

IMPROVED SERVICE ACCESS

All filter and key service tasks have been grouped into a centralized service section. The radiator guard swings open for ground-level access to the radiator, and oil coolers and the batteries are easily accessed just under the centralized service location.

BUILT TO BE REBUILT

The R1700 XE's frame, powertrain and components are all built to be rebuilt — using new, remanufactured or rebuilt parts and components — so you can take advantage of multiple lives of like-new performance at a fraction-of-new price. Reused or remanufactured components can deliver additional cost savings.



STRONG AND ROBUST

The R1700 XE is a strong, robust machine — which is clearly reflected in the design of its structures. Using the latest engineering design and validation tools, we've given this frame strength where it needs it most, and saved weight in other locations.

The front frame section has a new four plate design with a new, fully integrated front axle support casting at its base. This new casting absorbs greater impact, vibration and tram loads that come with the growth of the machine capacity and weight.

The lift arms on the R1700 XE are visibly stronger with additional steel thicknesses in key areas. This new design allowed us to widen access to service points to the front frame and hydraulic components. Bucket linkage, cylinder attachment points and cylinder sizes have been updated to greatly improve the mechanics of loading.

DOWNTIME-REDUCING FEATURES

- + Lubrication options fitted from the factory
- + Brake release and tow hook option that allows you to remove the machine and disengage the park brake.
- + Redesigned hitch with more space for technicians and clean & simplified hydraulic routings
- + Electric drive system with fewer moving parts and extended maintenance intervals
- + Sealed electrical connectors, which lock out dust and moisture
- + Hardened and sealed electronics and ECMs
- + Scheduled Oil Sampling, which helps keep minor repairs from becoming major ones
- + Added remote mounted test ports for testing and troubleshooting

