As the world’s leading custom wheel manufacturer, RIMEX takes great pride in the ability to manufacture fully machined, heavy duty products for all extreme applications—including underground mining.

RIMEX offers customers a wide variety of upgrades to industry standard and OEM wheels. In many applications we can produce wheels utilizing stronger lock rings, heavier flanges and a fully machined gutter disc to give better wheel life and performance.

RIMEX has undertaken the following measures to ensure that products operating underground are safe and fit for service:

- Redesigned the profile of the industry standard “WI” style lock ring (20 and 24”) so it can be mounted into the wheel base with either side facing up. The result is much easier and safer fitment. refer fig. 1
- Eliminated welds by utilizing an Integral Gutter Disc, creating a single piece gutter section and mounting disc. refer fig. 2
- Introduced the Integral Gutter Lock Ring (IGLR) concept for larger underground LHD’s allowing customers to keep tires pre-mounted with wheel components which dramatically reduces equipment downtime due to tire changes. refer fig. 3
- Developed recertification facilities to ensure wheels are fit for service and tested on a regular basis.

We produce wheels for all types and sizes of underground mining and support equipment to suit tube type and tubeless tires.