

# Effortless loading

Leibherr wheel loaders have been used for bulk material handling by D M Carnegie for many years, so it was natural that when looking to replace one of their loaders, that they approached SELLARS about buying a TORION.

Delivered in July 2018, the TORION 1511 was the first to be sold in Scotland and replaced a 41-year-old Hanomag loader. The new mid-range TORION 1511 joins a similar sized Leibherr 538 at the company's base at Northwaterbridge near Brechin, where one of the main jobs is loading malting barley destined for the region's many whisky distilleries.

The TORION 1511 is powered by a 167hp DPS engine with Dynamic Cooling that develops 682Nm of torque. Drive is through a VARIPOWER transmission with three drive modes. Operating weight is 14.3 tonnes with an articulated tipping load capacity of 9.75 tonnes. The TORION features a SMART LOADING advanced driver-assistance system with programmable bucket return and pre-set lifting and lowering limits.

In addition to the company's extensive contracting operations, Carnegies also grow, buy and store around 25,000 tonnes grain mainly, malting barley for the distilling market. In addition to handling grain, the loaders also move about 2,000 tonnes of woodchip a year, which after drying is mainly used in three Heizomat biomass boilers for grain drying, but some is also sold locally.

"We have run Leibherr machines since 2008, and Hanomags before that and the reliability from the Leibherr loaders has been extremely good," says David Carnegie. "As a German built machine engineered



for industrial and quarry use, grain handling is easy work for them so we have no set replacement policy. They only do about 500 hours a year, which is what a quarry machine would do in a week, so due to their build quality I would expect the TORION to be here for at least 12 years and the long service intervals mean the running cost is low."

"We have a very good relationship with both CLAAS and SELLARS, and Peter Stewart and the service team at Letham look after us very well. So with the nearest Leibherr dealers being either Aberdeen or Glasgow it made sense to change to the TORION."

Between them, the TORION and Leibherr machines will handle all the grain at least twice, but malting barley will also be cleaned and dressed, prior to loading out onto the company's fleet of 12 articulated lorries.

## VARIPOWER TRANSMISSION

For handling grain, the TORION is fitted with a large 1 tonne toe-tip bucket with a capacity of 4 tonnes of wheat or 3 of barley. It has also been fitted with an RDS weighing system that acts as a useful double check to the trailer weighing system when loading grain or lime.

The TORION is operated by Roy Gamble who comments that while generally it's very similar to the Leibherr equivalent, the biggest difference has been getting used to the VARIPOWER hydrostatic transmission in the TORION.

"Physically it's slightly larger than the Leibherr which makes it more stable, especially when at full articulation," he says. "The windscreen is also larger and the visibility from the seat is better. Having a more powerful engine is useful for loading work and now that I have got used to the VARIPOWER transmission it's very good and effortless for loading work."

