“Experience” is knowledge or practical wisdom gained from what is observed or encountered previously. “Progress” is defined as the “advancement of these experiences to a higher level.” For Liebherr, the statement translates into this: combining the expertise gained in over 50 years of manufacturing earthmoving equipment with the most advanced technologies available to develop an exceptional product design and development program. Using this concentrated approach, Liebherr products are practical yet highly innovative and achieve the best product performance no matter which industry the product serves.

For Liebherr Mining Equipment Co., Newport News, VA it means always producing diesel electric trucks that are the most advanced and economically feasible trucks to operate, thus providing the customer the best return on an equipment investment. In the worldwide mining truck market this means hauling more ore or overburden faster at a lower cost. The well entrenched, “state-of-the-art,” Ultra Class T 282 B is a testament to this approach of progressive and continuous product development thinking. It wasn’t by accident that the “world’s largest AC drive mining truck” became the top-of-the-line of Ultra Class trucks available. It occurred when Liebherr engineers used historical, practical experience gained in years of manufacturing mining products, and the availability of necessary equipment components to expand the size envelope for haulage equipment.

The Liebherr T 282 B was designed to carry a high payload and manufactured to withstand the rugged lifestyle that off-road rigid frame haulers endure throughout their lifetime. Yet the T 282 B has by weight one of the lowest empty vehicle weights in its class. You don’t pay for what you don’t need and you can haul more with less. This is accomplished by using the latest technology in three dimensional design computer modeling and advanced manufacturing methods.

The advent of the AC electric drive system provides the means to focus on reduced maintenance due to a reduced number of moving parts. Liebherr capitalizes on the utilization of the most efficient AC drive system for the T 282 B to provide product reliability and maximum operating performance.

By incorporating the highest horsepower engine available at 3650 hp, the T 282 B exhibits fast acceleration out of the pit and on the haul road. The result is that this 400 short ton mining truck is responsive, with durability and reliability built in – a highly productive mining tool.

Liebherr Mining Equipment Co. also is the United States distributor for the large Liebherr hydraulic mining excavators with operating weights from 262,000 lbs to 1,473,000 lbs. These heavy-duty mining excavators are manufactured by Liebherr France at its facility in Colmar, France. A new model, the R 9250, a 549,000 lb. excavator has just been introduced that supersedes the R 994 of which more than 260 units were sold internationally. In designing and developing this new excavator, Liebherr engineers have drawn on their extensive design and production experience. Technologies previously proven in large excavator design criteria have been incorporated into the R 9250, i.e. the use of advanced design of the electronic, electrical and hydraulic systems, and the specification of highly durable mechanical sections and steelwork construction.

The R 9250, powered by a 12-cylinder turbocharged diesel engine rated at 1,287 hp is, as standard, equipped with a 29’6” gooseneck boom, a 13’ stick and a 19.62 cubic yard backhoe bucket. It also is available in face shovel configuration. With a 15 percent larger bucket capacity than the previous R 994 Litronic, and a 32 percent higher swing torque, the R 9250 is set to deliver even greater productivity. Only three bucket loads are required to load an 85-ton dump truck or 4-5 bucket loads for a 135-ton dump truck.

Liebherr is experienced, progressive, and highly innovative in designing and manufacturing mining excavators and diesel electric mining trucks. Experience the Progress with Liebherr.

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