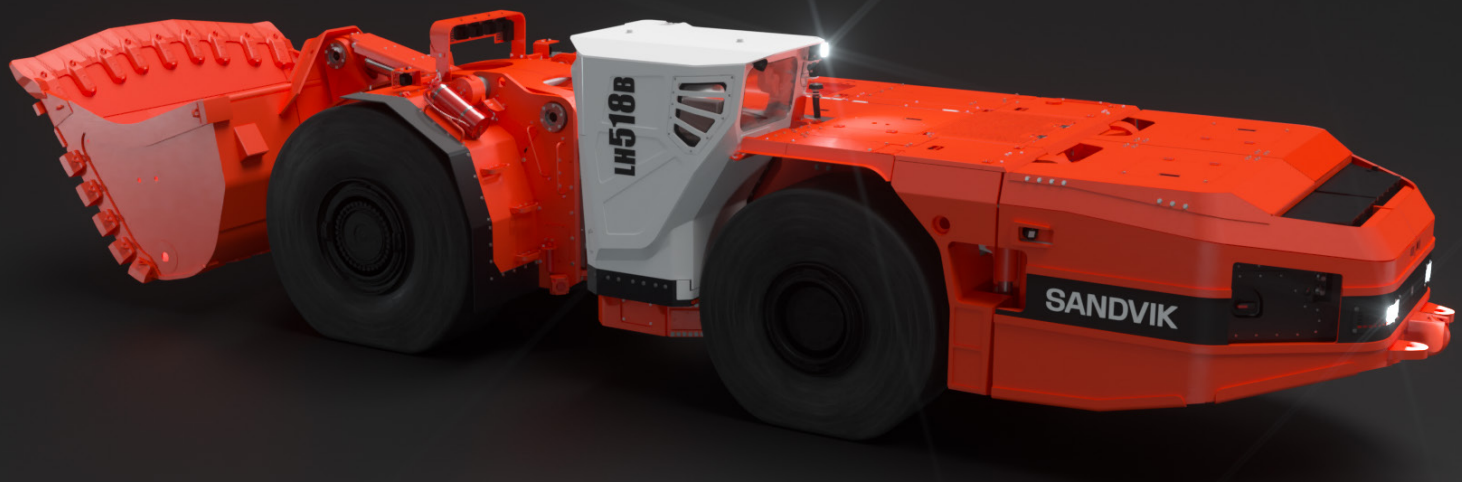
SANDVIK

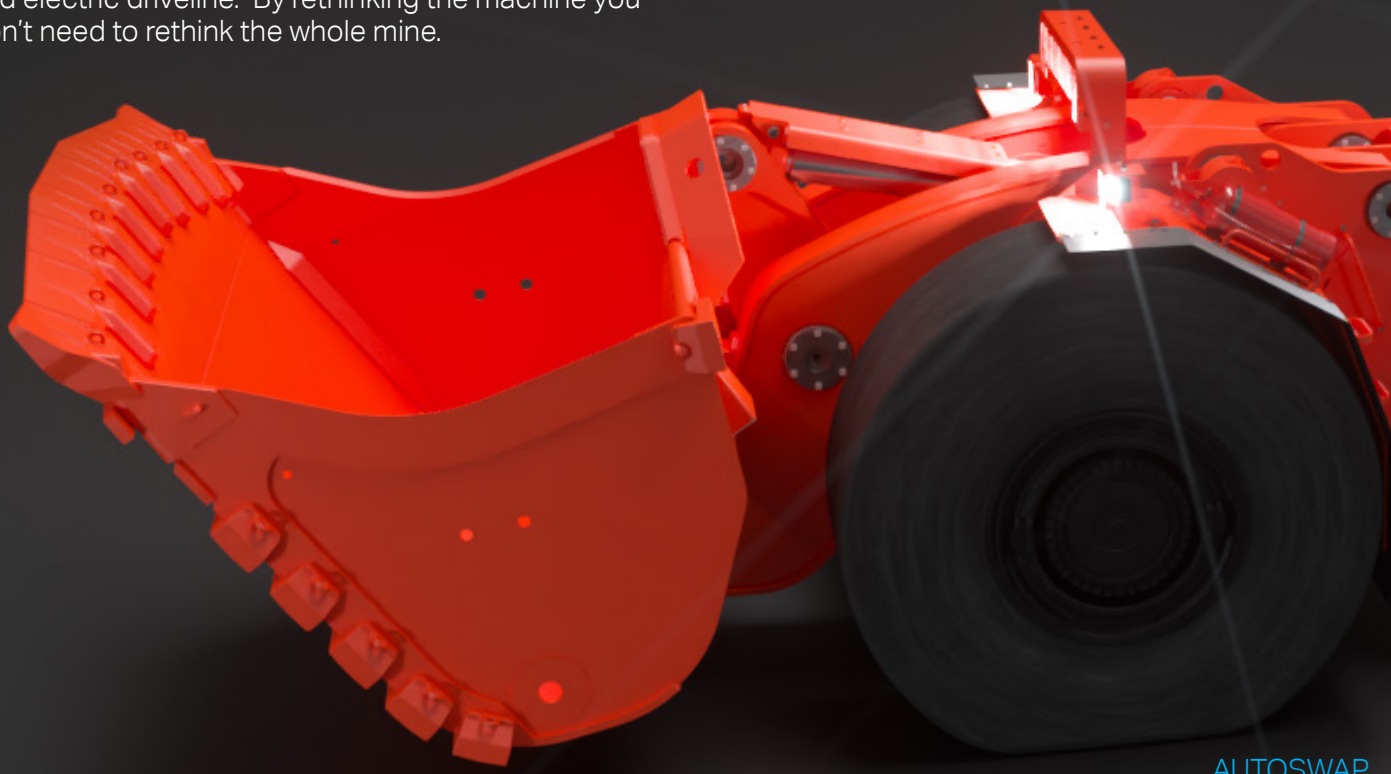
LH518B
RETHINK THE FUTURE OF MINING



LH518B
RETHINK THE FUTURE OF MINING

REPLACE OR REDESIGN? RETHINK.

It was not enough to replace some components; it was not enough to redesign only a part of the machine. This technology compelled us to rethink the whole design: to best utilize the possibilities that the new technology brings, the LH518B battery loader from Sandvik has been designed, from the ground-up, entirely around the loader's Artisan™ battery system and electric driveline. By rethinking the machine you don't need to rethink the whole mine.



AUTOSWAP

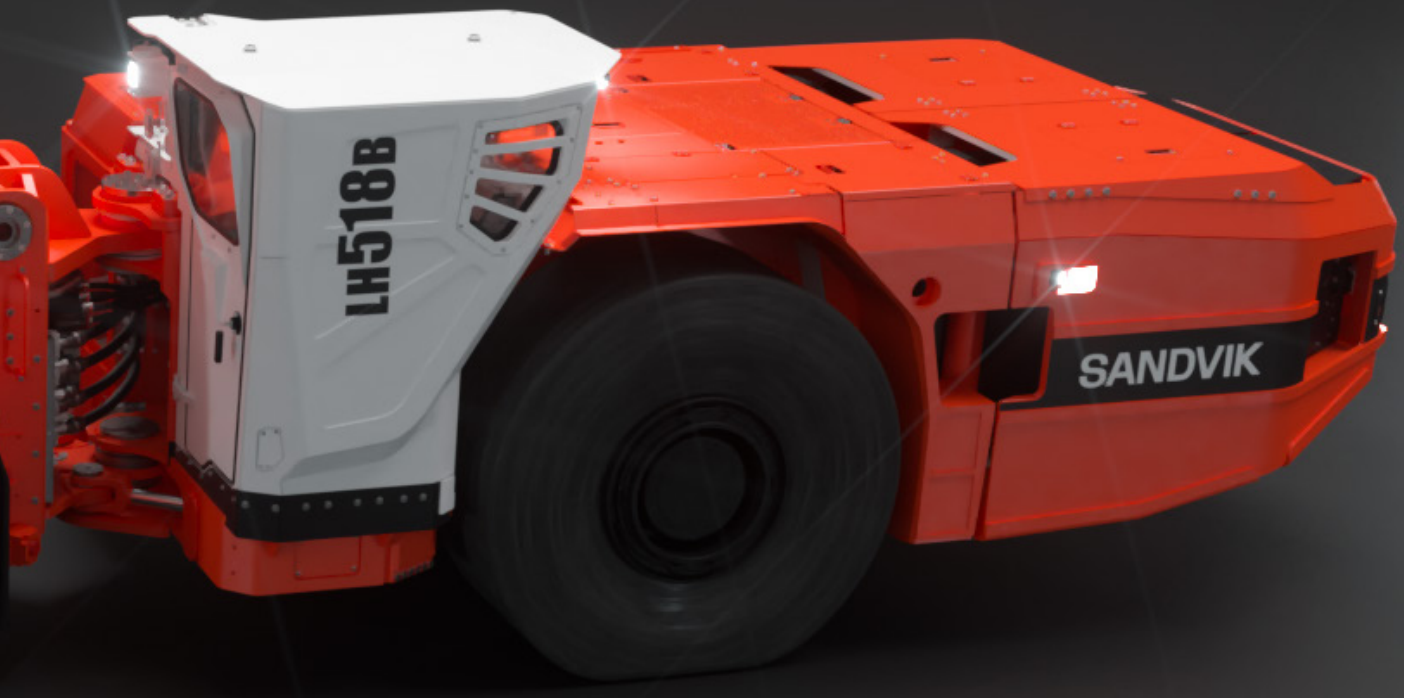
The LH518B i
AutoSwap, a p
for the battery
AutoSwap is f
amount of ma
does not requ
hoist batteries
refueling of a

LESS HEAT, ZERO DIESEL EMISSIONS

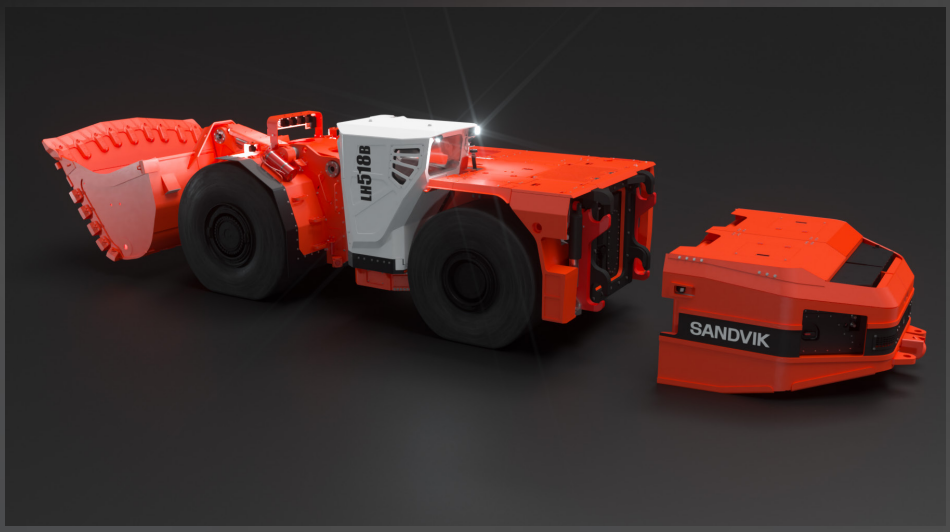
The LH518B utilizes today's cutting edge battery technology, based on Lithium-Iron Phosphate chemistry (LiFePO4). The fully battery-driven LH518B produces no underground exhaust emissions and significantly less heat than traditional diesel engines, supporting the mines to reach sustainability targets for example by means of reduced CO_2 emissions. On a practical level, battery-powered equipment helps to reduce ventilation requirements deep underground, having a positive impact on the bottom line.

HIGH-POWER ELECTRIC DRIVE LINE

As battery equipment power is not constrained by mine ventilation limitations, nothing is stopping us from using the most powerful electric motors available for underground use. The electric drivetrain delivers 600kW of power, allowing higher acceleration and fast ramp speed which results in short cycle times. With 6000Nm of total torque output, the LH518B fills a bucket like no other machine on the market.



s equipped with a unique
patented self-swapping system
. Battery swapping with the
ast and easy and with minimum
nual handling. The AutoSwap
ire any mine infrastructure swap
s, and it is faster than traditional
diesel loader.



SANDVIK