

# DIGGING DEEPER IN THE MINING INDUSTRY

**interface**  
FORCE MEASUREMENT SOLUTIONS.

*Interface's sensor technologies are helping to revolutionize mining practices, enabling operators to extract, transport, and process valuable minerals and materials with greater efficiency, reduced downtime, and an unwavering commitment to safety. Mining industry engineers and equipment manufacturers need reliable systems to accurately measure force during mining operations. Interface is dedicated to being a reliable resource for mining applications.*

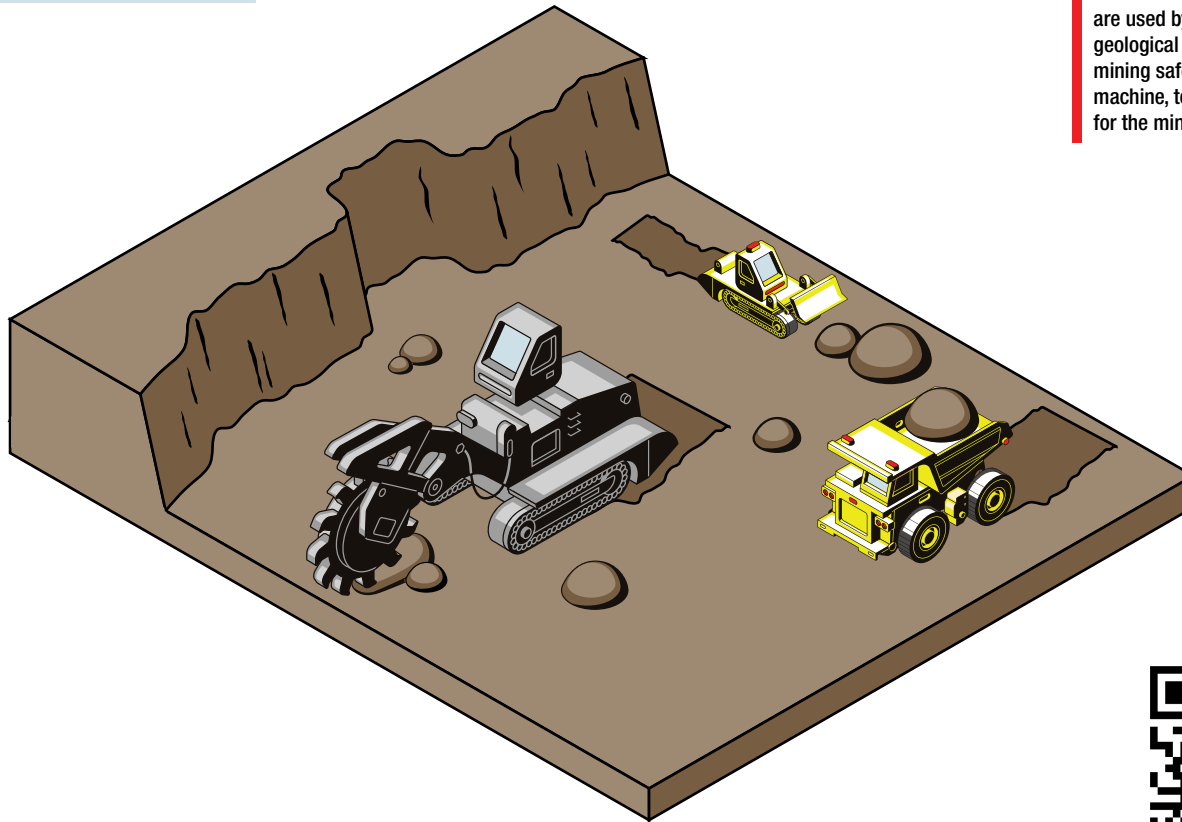
In terms of volume, the most exploited commodities worldwide are iron ore, coal, potash, and copper. Sensors and digital mine technologies is transforming the key aspects of mining. Interface products are key to enabling this innovation.

Interface products are essential for designing, testing, and utilizing mining equipment, machines, components, and systems. Our load cells, instrumentation, torque transducers, multi-axis sensors, load shackles, and tension links are used by mining and geological engineers including mining safety engineers in machine, tools, and equipment for the mining industry.

Mining equipment and tools manufacturers turn to Interface for various transducers designed for use in unique and hazardous environments.

These measurement instruments are essential in meeting the rising safety requirements of the mining industry and significantly improve the quality and reliability of mining equipment.

The revenue of the top 40 global mining companies, which represent a vast majority of the whole industry amounted to a record 943 billion U.S. dollars in 2022. The net profit margin of the mining industry decreased from 25 percent in 2010 to 14 percent in 2022.



Mining operations worldwide rely on cranes, lifting equipment, and heavy-duty vehicles. This equipment requires rigorous testing of every component and continuous monitoring to safeguard the equipment and, more importantly, operators.



Interface Mining Solutions