

ZJ32Bi jumbo drill — sneak peek

*Media fact sheet*

A machine with lights on

Description automatically generated

The Komatsu ZJ32Bi is a medium-class intelligent, battery-electric, dual-boom drill rig for underground hard rock mining. The drill’s control system enables semiautonomous functionality and operator augmentation, and the number of hoses on the boom has been reduced.

Featuring Komatsu’s innovative approach to battery-electric vehicles, the ZJ32Bi uses the battery drivetrain for tramming from one site to the next and then connects to a traditional power supply for drilling operations. The drill offers onboard charging, smart opportunistic charging and 100% compatibility with existing mine infrastructure.

The new Komatsu ZJ32B two-boom jumbo drill with battery driveline.

The new Komatsu Z3 series medium-class jumbo drills and bolters are built on a common platform. The flexibility of the common platform and the focus on modularity offers job site efficiency that can help reduce service and maintenance costs, while the universal operator controls simplify user adoption and training efficiency.

As more underground mining operations look to electrify their fleet assets, battery-powered machines can support those electrification efforts. The ZJ32Bi is part of Komatsu’s path to offer sustainable and semiautonomous solutions to support underground mining operations with a route toward reliable electrification.

**Quick specs**

* Battery capacity: 83 kWh
* Height with cabin/canopy in drill/tram position: 10 ft. 7 in (3.2 m)
* Max Coverage (W x H): 34 ft. 1 in x 27 ft. 9 in (10.4m x 8.5 m)