KOMATSU

HB365LC-3

hybrid hydraulic excavator

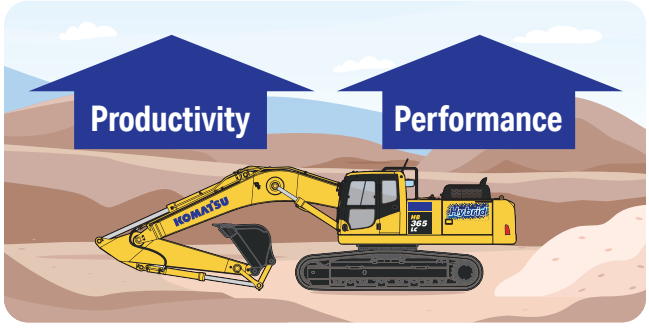
Drive performance, fuel efficiency and sustainability

When needing a high-performance machine with less environmental impact on the journey to sustainability, the Komatsu HB365LC-3 hybrid hydraulic excavator can get the job done. This fourth-generation high-performance excavator is powered by a Komatsu SAA6D114E-6 Tier 4 Final engine and a Komatsu hybrid electrical swing system that provides plenty of torque and acceleration for all excavating tasks, helping increase productivity while promoting carbon reduction.

Compared to Komatsu non-hybrid excavators in the same class, the HB365LC-11 can help:

- Increase productivity by up to 15%
- Reduce fuel consumption by up to 20% (depending on application)
- Lessen CO2 emissions

All backed by a **7-year/15,000-hour fully transferable warranty** covering hybrid components.



Experience increased **productivity** and **performance** over non-hybrid 36-ton excavators.

Quick highlights

- Horsepower: 269 HP @ 1,950 rpm
- Operating weight: 81,791-85,495 lbs.
- Bucket capacity: 0.89-2.56 yd^3

High production and performance in a variety of applications

The HB365LC-3 features a powerful, responsive swing system with improved swing acceleration that helps improve cycle times. Whether on the slopes or in the trenches, this machine is perfect for applications such as bulk material handling, loading crushers and concrete recycling, truck loading with 90-degree swing angles, and typical trenching when depth is less than 12 feet.

Features and benefits:

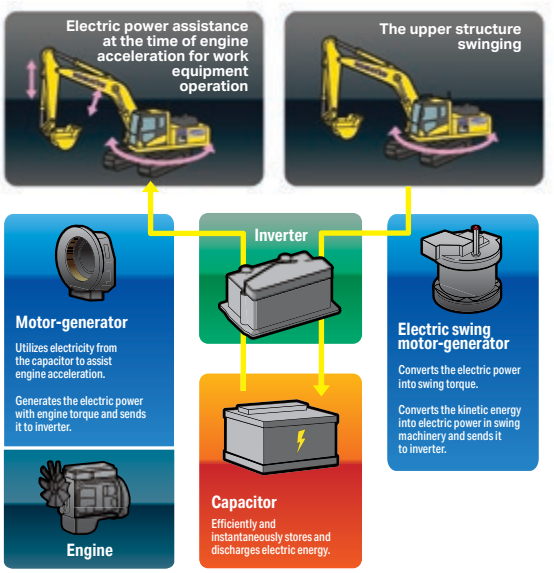
- **Reduced fuel consumption** with hybrid energy conservation system, Tier 4 Final engine technology, ultra-low idle speed and viscous fan clutch
- **High production and performance** with two-mode boom settings, electrically driven swing motor, six working modes for a wide variety of applications and lifting mode for increased capacity
- **Comfortable operation** with spacious, climate-controlled ROPS cab, high-back air-suspension seat with heat, low-vibration cab damper mounting, pressurized cabin with air filter and automatic climate control
- **Fewer emissions and greenhouse gases** with auto idle and shutdown features, EPA Tier 4 Final emissions engine, selective catalytic reduction (SCR) and exhaust gas recirculation (EGR) systems

Ground-breaking technology: Komatsu hybrid system components

Komatsu's electric swing motor provides excellent swing acceleration and greater efficiency than a conventional Komatsu hydraulic swing motor in the same class.

How does the hybrid system work?

1. At the end of each swing cycle, the swing motor functions as a generator to recover excess kinetic energy, which is converted to electrical power and stored in a Komatsu ultra-capacitor.
2. Stored power from the ultra-capacitor can be sent to an engine-mounted motor-generator to provide immediate engine response from an ultra-low 700 rpm idle speed.
3. The hydraulic power normally needed by the swing system is now completely available for boom, arm and bucket power, helping to improve digging cycle time and production.



See it all with KomVision (optional)

The HB365LC-3 offers the optional KomVision camera system, a 360-degree monitoring system that uses four cameras for a real-time, bird's-eye view around the excavator for the operator. An updated monitor display provides two camera views in the default screen.

KomVision cameras highlighted in blue

KomVision monitor display

To learn more about the HB365LC-3's productivity, efficiency and sustainability, download the full brochure here:

Check out the HB365LC-3 video here:

Contact a local Komatsu distributor to place an HB365LC-3 hybrid excavator order today.

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