

THE NEW CAT® 6030
HYDRAULIC MINING
SHOVEL (LRC VERSION)

**THE PRODUCTIVITY
YOU EXPECT.
THE RELIABILITY
YOU DEMAND.**



1. New crawler frame and Cat® undercarriage with HD rollers, HD idlers, HD track, and track tensioning.
2. Easily accessible ground level service station.
3. More durable mainframe and counterweight.
4. Strengthened superstructure.
5. Updated product identity.
6. Durable boom with energy-efficient boom lowering float values.
7. Robust Face Shovel stick design.
8. Efficient TriPower™ System.
9. Buckets equipped with wear package and shrouds.
10. Safer access and egress.
11. Safety features designed in accordance with mining safety best practices.
12. Cab riser module.
13. New engine module with two Cat C27 engines, optimized hydraulics and hose routing. Meets China Nonroad Stage III emissions standards, equivalent to U.S. EPA Tier 2.
14. Oil cooler module with fully independent oil cooling system.
15. MineStar™ Solutions ready with Product Link™ Elite.
16. Comfortable and productive operator's cab with large color touchscreen.



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1,529 hp / 1141 kW
ENGINE OUTPUT

BACKHOE: 34 t / 31 mt
FACE SHOVEL: 33 t / 30 mt
BUCKET PAYLOAD

BACKHOE: 330 t / 299 mt
FACE SHOVEL: 329 t / 298 mt
OPERATING WEIGHT



SAFETY

- » Emergency egress ladder located in direct proximity to the cab.
- » Anti-slip walkways and a 45-degree angled stairway allow for safe access and egress.
- » Safety glass in all windows and armored windshield protect operators.
- » Five emergency shut-off switches, with one easily accessible in the cab to shut down the electrical system in case of emergencies.



ENGINES

- » Durable Cat C27 engines, which offer unsurpassed performance and have been proven to withstand the challenging conditions found at mine sites across the globe.
- » High power output and proven reliability.



SERVICEABILITY

- » Fully converted with Cat parts identification and improved parts availability.
- » Updated and fully integrated service documentation for reduced downtime.
- » Full integration of Cat Hydraulic Hose assemblies, which provide industry-leading reliability and performance, with the ability to source locally using all Cat materials.
- » Service station that provides easy access to functions such as coolant, hydraulic oil, slew gear box oil, grease, and diesel and engine oil.
- » Reduced maintenance downtime thanks to exchange intervals for engine oil and engine filters that have been increased from 500 to 1,000 hours.
- » Product Link Elite hardware, onboard machine controllers and software, enabling the collection and transmission of machine electronic data to locally hosted or cloud-hosted applications.
- » Unique twin engine concept, which simplifies and expedites troubleshooting, generating more uptime and more productivity.



CAB

- » Excellent visibility with unobstructed view of digging environment from all seats.
- » Comfortable and productive operator environment with heated, pneumatically cushioned and multi-adjustable comfort seat.
- » Independently adjustable seat consoles with integrated joysticks.
- » Foldaway auxiliary seat with 2-point seatbelt.
- » Single or dual HVAC.
- » Cat Board Control System (BCS 3) with 305-mm (12-inch) color touchscreen.
- » Superior insulation for reduced noise and temperature control.



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