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

THE PRODUCTIVITY YOU EXPECT. THE RELIABILITY YOU DEMAND.



- 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.





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

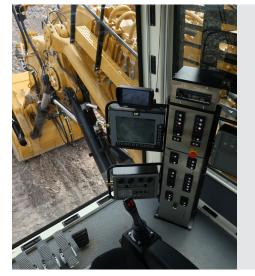
- » Emergency egress ladder located in direct proximity to the cab.
- » Anti-slip walkways and a 45-degree angled stairway allow for safe access and egress.
- » Safety glass in all windows and armored windshield protect operators.
- » Five emergency shut-off switches, with one easily accessible in the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





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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.

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 industryleading 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.



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