

THE CAT® 6015 HYDRAULIC MINING SHOVEL

**MORE TIME
TO LOAD MORE.**



1. Robust carbody and crawler frames with Cat® HD undercarriage, HD rollers, HD idlers, HD track, and track tensioning
2. Strengthened and heavy-duty final drive, with improved serviceability (retrofitable)
3. **New** HD undercarriage protection package (retrofitable)
4. Durable boom with energy efficient boom lowering float valves
5. **New** standard bucket linkage Autolube eliminates need for manual lubrication
6. Productive and durable buckets equipped with a wear protection package of choice
7. Safe access and egress with powered 45° access stairway (optional)
8. **New** engine module with Cat C27 engine and non-DEF aftertreatment solution, enhanced hydraulics, and hose routing (meets U.S. EPA Tier 4 Final / EU Stage V emissions)
9. Comfortable and productive operator's cab with large, color touchscreen and HVAC
10. LED high-brightness working and service lights
11. Easily accessible ground level service station
12. Oil cooler module with fully independent oil cooling system
13. Connects to Cat MineStar™ Solutions with new Product Link™ Elite
14. Optional Camera Monitoring System or Vision 360 retrofit kit increase situational awareness and reduce operator fatigue
15. **New** Pilot Pump delivers minimum 5.5% increase in fuel efficiency and improved performance

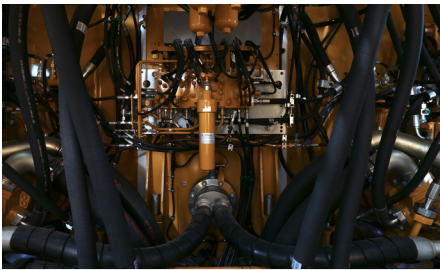
THE CAT® 6015 HYDRAULIC MINING SHOVEL



824 hp / 615 kW
ENGINE OUTPUT

BACKHOE: 16.1 t / 14.6 mt
BUCKET PAYLOAD

BACKHOE: 154 t / 140 mt
OPERATING WEIGHT

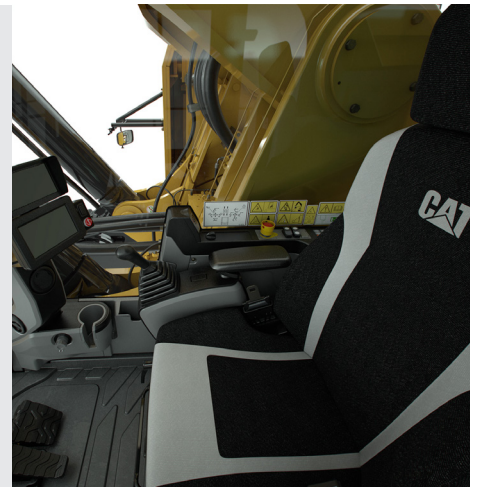


ENGINES

- » Boost productivity with a durable and reliable C27 engine, certified to meet U.S. EPA Tier 4 Final and EU Stage V.
- » Keep engine and pumps running at optimum speeds with Load Enhanced Anticipatory Control (LEAC).

CAB

- » Excellent visibility with unobstructed view of digging environment and upward view through skylight.
- » Comfortable and productive operator environment with heated, pneumatically-cushioned and multi-adjustable comfort seat.
- » Independently adjustable joystick consoles.
- » Joystick controls alternative pattern as standard.
- » Pressurized cab with positive filtration.
- » Optional Camera Monitoring System or Vision 360 Retrofit Kit.
- » Superior insulation for reduced noise and temperature control.



SAFETY

- » Improve operator protection with protective guards on the top of the cab and the optional front guard.
- » Anti-slip walkways and optional 45-degree stairway allow for safe access and egress.
- » Safety glass in all windows protects operator.
- » Five emergency shut-off switches, with one easily accessible in the cab to shut down the electrical system in case of emergencies.
- » Support sustainable development goals with optional Cat Bio Hydo Advanced hydraulic fluid.

SERVICEABILITY

- » Diagnose and execute maintenance more effectively with Cat Electronic Technician (ET).
- » Inspect, maintain, and repair the 6015 more easily with improved service documentation, new visual inspection ports and commonization of accumulator charging ports and tools.
- » Reduce downtime with enhanced warning levels for hydraulic oil temperature and improved data link diagnostics including new pilot pressure monitoring via ET.
- » Ground level service station provides easy access to fast-fill diesel fuel and grease connections.
- » HRC engines eliminate the need for DEF, saving time and cost during maintenance.
- » Enable collection and transmission of machine data with the new Product Link Elite technology.
- » Experience maintenance free Positive Pin Retention tracks that are specially machined to extend internal pin/bushing wear life and fatigue resistance.

RECENT ENHANCEMENTS*

Increased Uptime

- » New standard bucket linkage Autolube eliminates need for manual lubrication
- » New slew bearing with triple roller design for increased durability
- » New standard grease tank with increased capacity to support 500-hour intervals

Improved Productivity & Performance

- » Proven pass match with 100t trucks
- » Improved productivity for high altitude applications
- » New Pilot Pump System, which delivers improved performance and a minimum 5.5% fuel savings under working conditions

Streamlined Service

- » Improved hose routing for better durability
- » Hoses can be built by the local Cat dealer
- » Increased parts commonality with Cat machines

*Compared to previous model



PEWJ0423

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