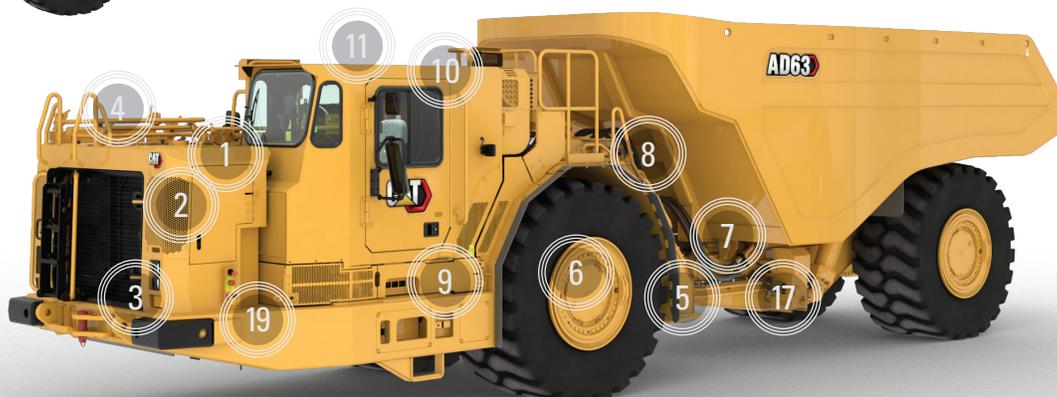


THE CAT® AD63 UNDERGROUND TRUCK

**MORE PAYLOAD.
MORE POWER.
MORE
PROFITABILITY.**

1. Powered by a Cat® C27 engine, with an EU Stage V emission rating to help you comply with even the most stringent of emissions regulations while providing unmatched power
2. Diesel Particulate Matter reduction solutions available for additional emission reduction
3. Radiator guard that swings open to allow service access; high-efficiency radiator as optional cooling package; and air inlet filters are now forward-mounted on radiator surround
4. New and improved handrail system, with additional access now available via the front grill
5. Mechanical powertrain and power shift transmission that offer unmatched operating efficiency and control on steep grades and poor underfoot conditions
6. Superior braking performance with integrated braking system; four-wheel, multiple disc brakes; and Automatic Retarder Control
7. Frame constructed using box sections with stiff frame beams to resist twisting forces
8. Articulating and oscillating hitch that helps the truck maintain all-wheel ground contact even in rough terrain, providing better control and reducing stress on the hitch
9. Continuous focus on operator's safety and comfort, including ROPS/FOPS cabin with ergonomic layout, Operator Present System and interior and exterior safety details
10. Tilt cab for easy machine maintenance
11. High-efficiency modular HVAC system with dual power options; easy access to HVAC system filters ducting with 9 flexible louvers for greater comfort and efficient defogging
12. New standard Product Link™ Elite (PLE) system for machine health monitoring
13. Optional rear reversing camera to help operators navigate safely
14. Truck Payload Measurement System (TPMS), which now offers payload scoreboards on both sides of the truck to provide the LHD Operator with visual real-time payload data
15. Five body sizes including a lightweight dump body option
16. Ansul LVS (wet) Fire Suppression available; fire suppression activation from within the cab
17. Optional Autolube system available
18. Tray locking pins to ensure safety when performing maintenance under the body; E-stops and fire suppression activation point
19. E-stops and fire suppression activation point



THE CAT® AD63 UNDERGROUND TRUCK



63 000 kg / 138,891 lb
NOMINAL PAYLOAD CAPACITY

26.9-38.3 m³ / 35.2-50.1 yd³
BODY CAPACITIES

593 kW / 795 hp
ENGINE POWER
STAGE V ENGINE – IS014396:2002

SUPERIOR CONTROL, COMFORT AND SAFETY FOR OPERATOR

- » Standard enclosed cab that is fully sealed and offers sound and vibration suppression, filtered air and HVAC for operator comfort.
- » High-efficiency modular HVAC system with dual power options. Diesel engine-driven system that operates when the engine is running to provide maximum efficiency in hot applications; when the engine is turned off, the electric system powers the HVAC system, resulting in less engine idling and lower operating costs.
- » Automatic retarding controls that allow the operator to maintain optimum engine speeds for faster downhill hauls and greater productivity.



SAFETY

- » Operator Present System, which protects the machine and operator from uncontrolled machine movements.
- » Daily service area located on cold side of engine.
- » Cat electrical components – like connectors, wiring harnesses and ECMs – that are designed to live in corrosive environments.
- » Tray locking pins to ensure safety when performing maintenance under the body.
- » Hand rails and steps that provide 3-point contact for access to the machine and cabin; illuminated steps for operator safety.

DURABILITY AND SERVICABILITY

- » Rugged design with strong frame, articulating and oscillating hitch and independent suspension cylinders for long life.
- » Tilt cab provides improved access to the cab side of the engine, improved brake accumulator access and improved access to engine mounting hardware; also allows access to the alternator and starter motor without removing belly plates.
- » Ground-level access for convenient servicing of all tanks, filters, lubrication points and compartment drains; electric fuel priming and remote mounted fuel filters for easier serviceability; and available Optional Autolube system.
- » Cat Electronic Technician (Cat ET) service tool, which enables quick electronic diagnosis of machine performance and key diagnostic data for effective maintenance and repairs.



HAUL MORE EVERY LOAD AND EVERY CYCLE

- » Features a number of improvements over its predecessor, the AD60 — including a 5% greater payload and more torque.
- » Cat C27 engine that meets EU Stage V emissions standards and is approved by CANMET; no Diesel Exhaust Fluid (DEF) required to meet these standards.
- » Transmission that is built tough for long life in rugged conditions, with a lock-up torque convertor and clutch that deliver superior efficiency and a smoother, more comfortable ride.
- » Cat truck bodies, which deliver optimal strength, capacity and durability and are designed and matched with the integrated chassis system for optimum structural reliability, durability and long life.
- » Two-stage hoist cylinders that provide fast dump cycle times of 13 seconds for raise and 24 seconds for lower with snubbing function enabled to protect the frame and components at the end of the lowering cycle.



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