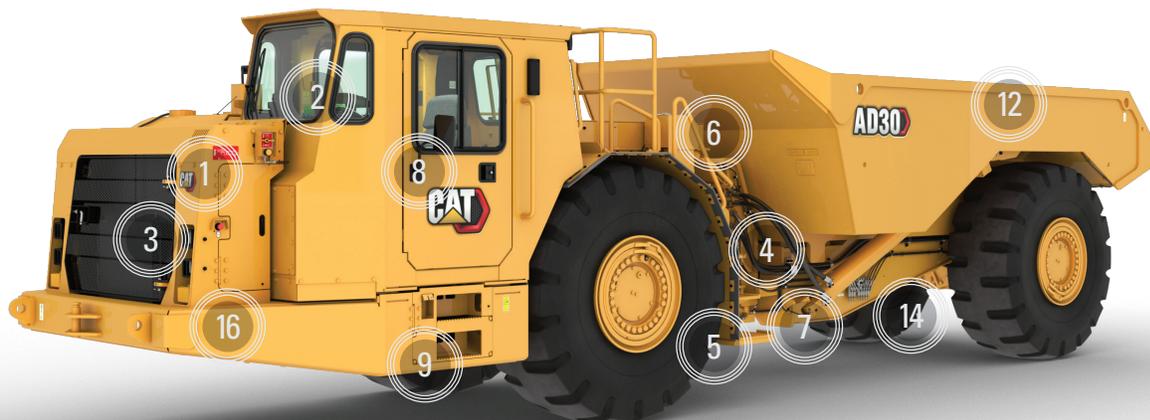


## THE CAT® AD30 UNDERGROUND TRUCK

### CONSISTENT PERFORMER IN A LIMITED ENVELOPE

1. Powered by a Cat® C15 engine, which provides efficient fuel management, quick response times, high productivity and exceptional service life
2. Optional flow-through diesel particulate filter, developed for the VR engine, that is suitable for mine sites using 15ppm sulphur content fuel, further reducing particulate matter by ~ 51%
3. Radiator guard that swings open to allow service access; high-efficiency radiator as optional cooling package
4. Mechanical powertrain and power shift transmission that offer unmatched operating efficiency and control on steep grades and poor underfoot conditions
5. Superior braking performance with integrated braking system; four-wheel, multiple disc brakes; and Automatic Retarder Control
6. Frame constructed using box sections with stiff frame beams to resist twisting forces
7. 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
8. Continuous focus on operator's safety and comfort, including ROPS/FOPS cabin with ergonomic layout, Operator Present System and interior and exterior safety details
9. Illuminated steps for operator safety.
10. Optional reverse camera that shows the view behind the machine and enhances the operator's visibility to surroundings
11. Truck Payload Measurement System (TPMS), which allows a mining operation to manage payloads and ensure that trucks are not under- or over-loaded.
12. Six body options available including two ejector bodies, which can be easily removed and replaced with a dump body for a more versatile machine
13. Ansul LVS (wet) Fire Suppression available
14. Optional Autolube system available
15. Tray locking pins to ensure safety when performing maintenance under the body
16. E-stops and fire suppression activation point



## THE CAT® AD30 UNDERGROUND TRUCK



30 000 kg / 66,139 lb  
NOMINAL PAYLOAD CAPACITY

11.3-17.5 m<sup>3</sup> / 14.8-22.9 yd<sup>3</sup>  
BODY CAPACITIES

299 kW / 401 hp  
ENGINE POWER  
ISO14396:2002



### SUPERIOR CONTROL, COMFORT AND SAFETY FOR THE OPERATOR

- » Optional enclosed cab that is fully sealed and offers sound and vibration suppression, filtered air and HVAC for operator comfort.
- » Controls, levers, switches and gauges that are positioned to maximize productivity and minimize operator fatigue.
- » Ergonomic, fully adjustable suspension seat for superior comfort during long shifts.
- » Automatic retarding controls, which allow the operator to maintain optimum engine speeds for faster downhill hauls and greater productivity.

### DURABILITY AND SERVICABILITY

- » Rugged design with strong frame, articulating and oscillating hitch and independent suspension cylinders for long life.
- » 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

- » Ideally suited to entry sizes of 4 x 4 meters (13 x 13 feet); medium to smaller mine hauler that is perfectly matched to the R1600H LHD.
- » Cat C15 engine provided in Tier 3/Stage IIIA or Tier 2/Stage II VR (ventilation reduction) configurations.
- » Transmission that is built tough for long life in rugged conditions, with a lock-up torque converter 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 10.5 seconds for raise and 21.7 seconds for lower with snubbing function enabled to protect the frame and components at the end of the lowering cycle.



### SAFETY

- » Operator Present System, which protects the machine and operator from uncontrolled machine movements.
- » 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, plus illuminated steps for operator safety.



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