



# Cat<sup>®</sup> 798 AC

## Mining Truck

# Technical Specifications

Configurations and features may vary by region. Please consult your Cat<sup>®</sup> dealer for availability in your area.

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# 798 AC Mining Truck Specifications

## Engine

|                              |                |                       |
|------------------------------|----------------|-----------------------|
| Engine Model                 | Cat® C175-16   |                       |
| Gross Power – SAE J1995:2014 | 2610 kW        | 3,500 hp              |
| Net Power – SAE J1349:2011   | 2539 kW        | 3,405 hp              |
| Rated Speed                  | 1,800 rpm      |                       |
| Emissions Rating             | Fuel Optimized |                       |
| Bore                         | 175 mm         | 6.9 in                |
| Stroke                       | 220 mm         | 8.7 in                |
| Displacement                 | 85 L           | 5,187 in <sup>3</sup> |

- Net Power advertised is the power available at the flywheel when the engine is equipped with air intake system, exhaust system, and alternator.
- U.S. EPA Tier 4 Final/EU Stage V available for applicable markets.
- Additional fuel optimized selectable power rating: 2312 kW/3,100 hp.

## Engine – High Altitude Only

|                              |                |                      |
|------------------------------|----------------|----------------------|
| Engine Model                 | Cat C175-20    |                      |
| Gross Power – SAE J1995:2014 | 3095 kW        | 4,150 hp             |
|                              | 2983 kW        | 4,000 hp             |
|                              | 2759 kW        | 3,700 hp             |
| Net Power – SAE J1349:2011   | 3019 kW        | 4,049 hp             |
|                              | 2916 kW        | 3,911 hp             |
|                              | 2706 kW        | 3,629 hp             |
| Rated Speed                  | 1,750 rpm      |                      |
| Emissions Rating             | Fuel Optimized |                      |
| Bore                         | 175 mm         | 6.9 in               |
| Stroke                       | 220 mm         | 8.7 in               |
| Displacement                 | 106 L          | 6469 in <sup>3</sup> |

- Gross power advertised is the power available at the flywheel when the engine is equipped with muffler and auxiliary water pump.
- Net Power advertised is the power available at the flywheel when the engine is equipped with alternator, air cleaner, muffler, auxiliary water pump, and fan at minimum required cooling capacity.
- Additional fuel optimized selectable power rating: 2983 kW/4,000 hp.
- Additional fuel optimized selectable power rating: 2759 kW/3,700 hp.

## Weights – Approximate

|   |                    |                    |
|---|--------------------|--------------------|
| Rated Gross Machine Weight (RGMW)                     | 623 690 kg         | 1,375,000 lb       |
| Chassis Weight (CW)                                   | 205 852 kg         | 453,826 lb         |
| Body Weight (BW)                                      | 38 833 – 43 275 kg | 85,611 – 95,406 lb |
| Nominal Rated Payload (NRP)                           | 372 tonnes         | 410 tons           |
| Nominal Rated Payload (NRP) High Altitude Arrangement | 363 tonnes         | 400 tons           |

- Consult your tire manufacturer for maximum tire load.
- Chassis weight with full fuel and fluids, standard and mandatory attachments, hoist, body mounting group, rims, and tires.
- Refer to Cat Mining Truck 10/10/20 Overload Policy (AEXQ0250) for maximum gross machine weight limitations.

## Weight Distributions – Approximate

|                     |      |
|---------------------|------|
| Front Axle – Empty  | 47 % |
| Rear Axle – Empty   | 53 % |
| Front Axle – Loaded | 33 % |
| Rear Axle – Loaded  | 67 % |

- Weight distributions optimized with Cat body.

## AC Drive System

|                       |   |        |
|-----------------------|---|--------|
| Total Reduction Ratio | 35:1  |        |
| Top Speed – Loaded    | 64 km/h   | 40 mph |
| Generator/Alternator  | Cat brushless, engine mounted, dual bearing   |        |
| Controls              | Cat Insulated-Gate Bipolar Transistor (IGBT) Inverter Technology, air cooled, pressurized cabinet with filtration |        |
| Wheel Motor           | Cat high-torque AC induction, rear axle mounted   |        |
| Cooling System        | Cat variable speed, hydraulically driven cooling system   |        |

## Tires and Rims

|  |
|--|
| 59/80 R63  |
| Rims – 1117.6 mm (44 in) wide × 1600.2 mm (63 in) diameter   |
| • Quick Change Rims optional.  |
| • Caterpillar recommends the customer evaluate all job conditions and consult tire manufacturer for proper tire selection and Tonne Kilometres Per Hour (TKPH) Ton-Miles Per Hour (TMPH) capabilities. |

## Braking System

|  |                         |                        |
|--|-------------------------|------------------------|
| Service Brakes: Four-Corner, Wet Disc, Oil Cooled, Hydraulically Actuated      |                         |                        |
| Front Wet Disc Brake Surface Area  | 146 081 cm <sup>2</sup> | 22,642 in <sup>2</sup> |
| Rear Wet Disc Brake Surface Area   | 211 163 cm <sup>2</sup> | 32,730 in <sup>2</sup> |
| Standards (Service and Secondary)  | ISO 3450:2011           |                        |
| Parking Brake: Four-corner, Multi-disc, Spring applied, Hydraulically Released |                         |                        |
| Load Brake – Rear service brakes   |                         |                        |
| Dynamic Resistive Braking (retarding) Power – Continuous                       | 4086 kW                 | 5,480 hp               |
| • Anti-Lock Brake System (ABS) optional with CMD package                       |                         |                        |

## Capacity – HE Body – 100% fill factor

|                  |                        |                         |
|------------------|------------------------|-------------------------|
| Struck           | 129-200 m <sup>3</sup> | 168-261 yd <sup>3</sup> |
| Heaped (SAE 2:1) | 218-276 m <sup>3</sup> | 285-361 yd <sup>3</sup> |

- Consult your local Cat dealer for body recommendations.

# 798 AC Mining Truck Specifications

## Body Hoists

|  |              |               |
|--|--------------|---------------|
| Twin, two-stage hydraulic cylinders with snubbing valve. |              |               |
| Pump Flow – High Idle                                    | 964 L/min    | 257.3 gal/min |
| Relief Valve Setting – Raise                             | 20 884 kPa   | 3,029 psi     |
| Body Raise Time – High Idle                              | 21 Seconds   |               |
| Body Lower Time – Float                                  | 22 Seconds   |               |
| Body Power Down – High Idle                              | 17.5 Seconds |               |

- Twin, two-stage hydraulic cylinders mounted outside main frame; double-acting cylinders in both stages.
- Power raise in both stages; power down capability in the first stage.
- Automatic body-lower modulation reduces impact on frame.

## Suspension

Self-contained nitrogen/oil cylinders, pin-to-pin mounting, top and bottom double shear clevis attachments.

|                                   |                |       |
|-----------------------------------|----------------|-------|
| Effective Cylinder Stroke – Front | 254 mm         | 10 in |
| Effective Cylinder Stroke – Rear  | 133.35 mm      | 5 in  |
| Rear Axle Oscillation             | ± 5.32 degrees |       |

## Service Refill Capacities

|  |        |           |
|--|--------|-----------|
| Fuel Tank                                    | 4922 L | 1,300 gal |
| Fuel Tank (U.S. EPA Tier 4 Final/EU Stage V) | 4542 L | 1,200 gal |
| Diesel Exhaust Fluid (DEF) Tank              | 379 L  | 100 gal   |
| Cooling System                               | 799 L  | 211 gal   |
| Crankcase                                    | 310 L  | 82 gal    |
| Front Wheels, each                           | 28 L   | 7 gal     |
| Final Drives, each                           | 254 L  | 67 gal    |
| Hydraulic Tank                               | 1121 L | 296 gal   |
| Hydraulic System (includes tank)             | 1458 L | 385 gal   |
| Grease Tank Capacity                         | 41 kg  | 90 lb     |

## Service Refill Capacities – High Altitude Only

|                                  |        |           |
|----------------------------------|--------|-----------|
| Fuel Tank                        | 7571 L | 2,000 gal |
| Cooling System                   | 1032 L | 273 gal   |
| Crankcase                        | 471 L  | 124 gal   |
| Hydraulic Tank                   | 1032 L | 273 gal   |
| Hydraulic System (includes tank) | 1296 L | 342 gal   |

## Cab

|   |         |               |
|---|---------|---------------|
| Air Conditioning (HFC – 134A refrigerant) | 6.33 kW | 21,600 Btu/hr |
|---|---------|---------------|

Ambient capabilities up to 50° C (122° F)

|                  |        |               |
|------------------|--------|---------------|
| Heater/Defroster | 7.2 kW | 24,600 Btu/hr |
|------------------|--------|---------------|

Ambient capabilities down to –15° C (5° F)

|                               |          |
|-------------------------------|----------|
| Operator Sound pressure level | 75 dB(A) |
|-------------------------------|----------|

Measured in accordance to ISO 6394 and 6396:2008

Rollover Protective Structure (ROPS) for:

|                |               |
|----------------|---------------|
| Operator meets | ISO 3471:2008 |
|----------------|---------------|

|               |                |
|---------------|----------------|
| Trainer meets | ISO 13459:2012 |
|---------------|----------------|

Falling Objects Protective Structure (FOPS) for:

|                |                        |
|----------------|------------------------|
| Operator meets | ISO 3449:2005 Level II |
|----------------|------------------------|

|               |                         |
|---------------|-------------------------|
| Trainer meets | ISO 13459:2012 Level II |
|---------------|-------------------------|

## Steering

|             |            |
|-------------|------------|
| Steer Angle | 39 degrees |
|-------------|------------|

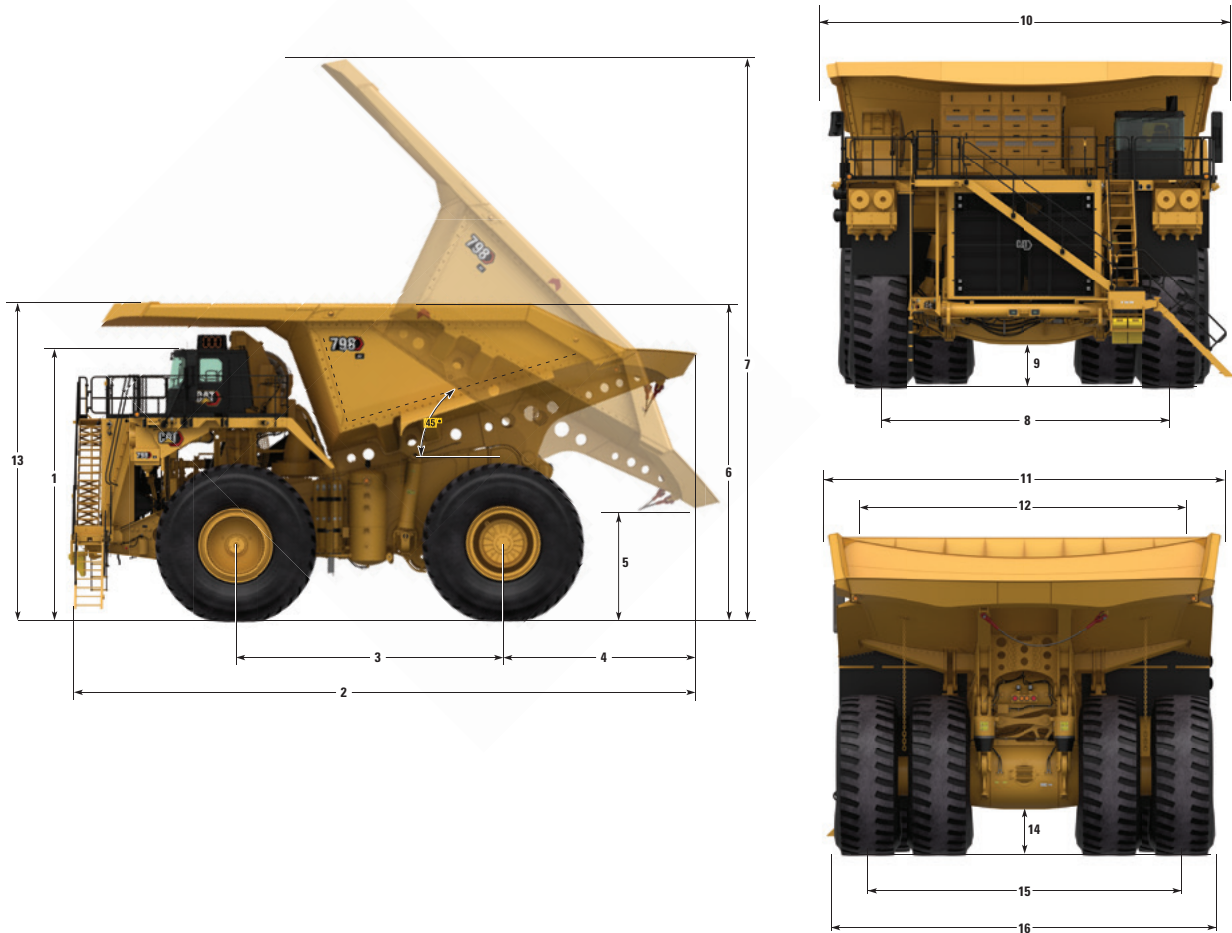
|                                  |        |          |
|----------------------------------|--------|----------|
| Turning Diameter (ISO 7457:1997) | 32.4 m | 106.3 ft |
|----------------------------------|--------|----------|

|                    |               |
|--------------------|---------------|
| Steering Standards | ISO 5010:2019 |
|--------------------|---------------|

# 798 AC Mining Truck Specifications

## Dimensions

All dimensions are approximate. Shown with 276 m<sup>3</sup> (361 yd<sup>3</sup>) HE Body.



|   |           |        |
|---|-----------|--------|
| <b>1</b> Height to Top of ROPS                                | 6720 mm   | 22'1"  |
| <b>2</b> Overall Length                                       | 15 679 mm | 51'5"  |
| Overall length (High Altitude only)                           | 15 810 mm | 51'10" |
| <b>3</b> Wheelbase  | 6674 mm   | 21'11" |
| <b>4</b> Rear Axle to Tail                                    | 4898 mm   | 16'1"  |
| <b>5</b> Dump Clearance – Empty                               | 1744 mm   | 5'9"   |
| <b>6</b> Loading Height – Empty                               | 7784 mm   | 25'7"  |
| <b>7</b> Overall Height – Body Raised                         | 14 890 mm | 48'10" |
| <b>8</b> Centerline Front Tire Width                          | 7028 mm   | 23'1"  |
| <b>9</b> Front Axle Clearance – Loaded                        | 855 mm    | 2'10"  |
| <b>10</b> Overall Canopy Width (with rock deflectors)*        | 10 103 mm | 33'2"  |
| <b>11</b> Outside Body/Canopy Width (without rock deflectors) | 9639 mm   | 31'8"  |
| <b>12</b> Inside Body Width                                   | 8973 mm   | 29'5"  |
| <b>13</b> Front Canopy Height – Empty                         | 7928 mm   | 26'0"  |
| <b>14</b> Rear Axle Clearance – Loaded                        | 854 mm    | 2'10"  |
| <b>15</b> Centerline Rear Dual Tire Width                     | 5943 mm   | 19'6"  |
| <b>16</b> Overall Tire Width – Empty                          | 9226 mm   | 30'3"  |

\*Dimension listed includes canopy deflectors (not pictured)

# 798 AC Mining Truck Specifications

## Gradeability/Speed/Rimpull\*

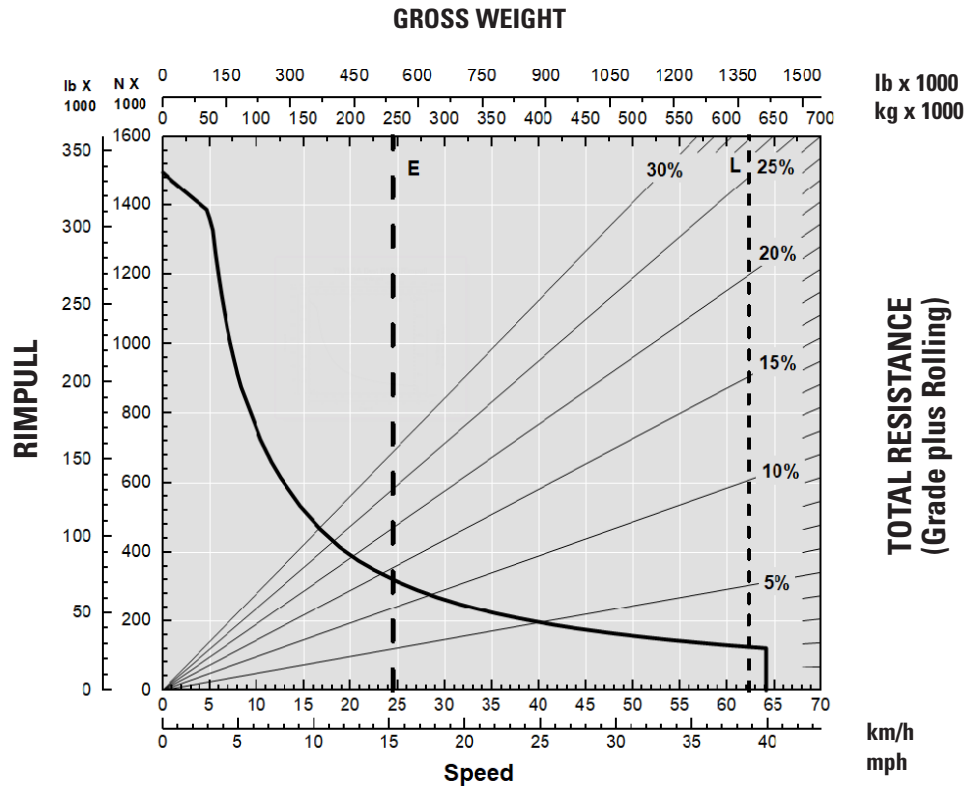
To determine gradeability performance: Read from gross weight down to the percent of total resistance. Total resistance equals actual percent grade plus 1% for each 10 kg/t (20 lb/ton) of rolling resistance. Usable rimpull will depend upon traction available and weight on drive wheels.

\*At sea level, 30° C (86° F), with 59/80 R63 tires

— — — E – Nominal Empty Machine Weight

----- L – Rated Gross Machine Weight  
623 690 (1,375,000)

Contact factory for performance estimates based upon site specific temperatures and altitudes.



## Gradeability/Speed/Rimpull\* for High Altitude

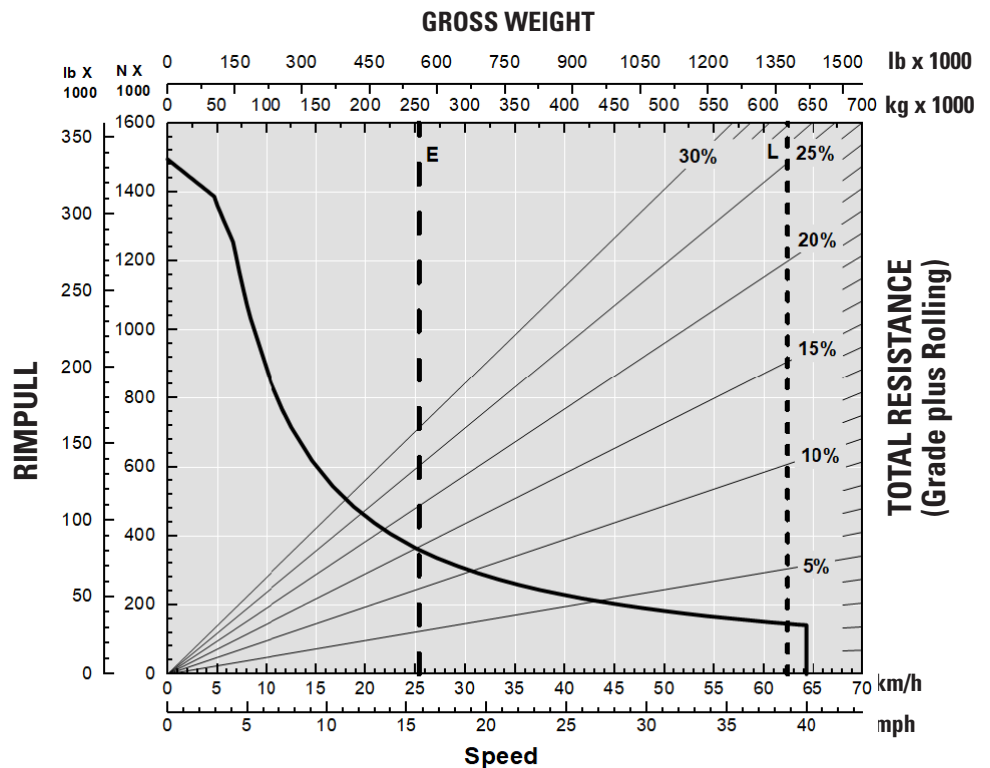
To determine gradeability performance: Read from gross weight down to the percent of total resistance. Total resistance equals actual percent grade plus 1% for each 10 kg/t (20 lb/ton) of rolling resistance. Usable rimpull will depend upon traction available and weight on drive wheels.

\*At sea level, 30° C (86° F), with 59/80 R63 tires. The 798 AC in High Altitude Configuration has full power up to 4,876 m (16,000 ft). Therefore, this chart is representative of all high altitude mine sites.

— — — E – Nominal Empty Machine Weight

----- L – Rated Gross Machine Weight  
623 690 (1,375,000)

Contact factory for performance estimates based upon site specific temperatures and altitudes.



# 798 AC Mining Truck Specifications

## Resistive Braking Performance – Continuous Grade\*

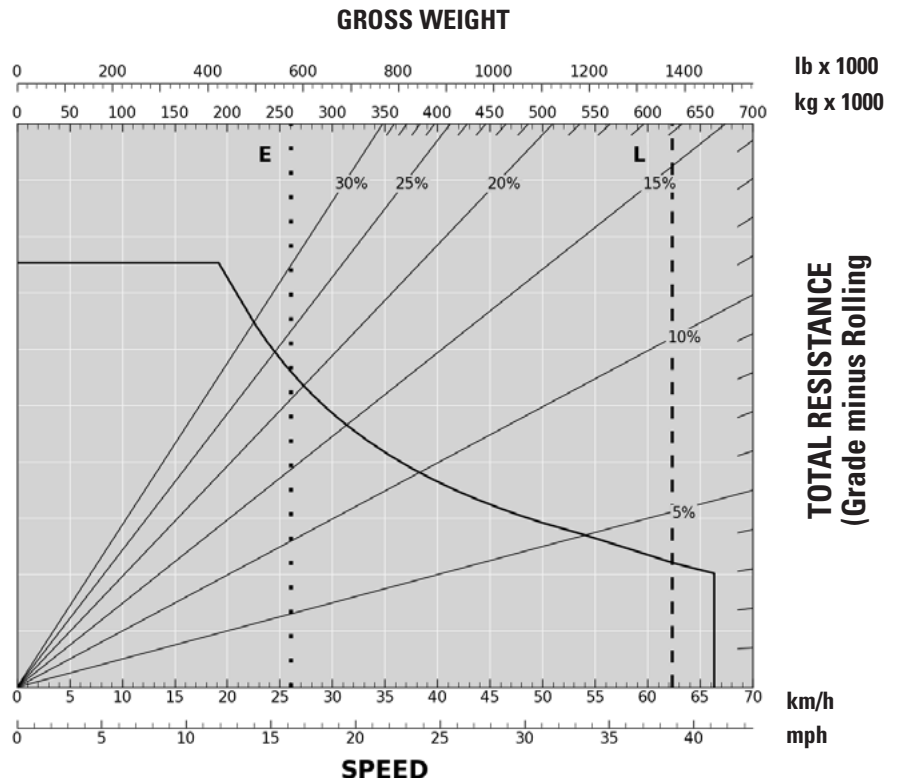
To determine resistive braking performance:  
 Read from gross weight down to the  
 percent effective grade. Effective grade  
 equals % grade minus 1% for each 10 kg/t  
 (20 lb/ton) of rolling resistance.

\*At sea level, 30° C (86° F), with 59/80 R63 tires

— — — E – Nominal Empty Machine Weight

----- L – Rated Gross Machine Weight  
 623 690 (1,375,000)

Contact factory for performance  
 estimates based upon site specific  
 temperatures and altitudes.



# 798 AC Mining Truck Specifications

## Standard and Optional Equipment

Standard and optional equipment may vary. Consult your Cat dealer for details.

|  | Standard | Optional |   | Standard | Optional |
|--|----------|----------|---|----------|----------|
| <b>POWER TRAIN</b>   |          |          | <b>POWER TRAIN (continued)</b>  |          |          |
| <b>Cat C175-16 Diesel Engine:</b>  |          |          | <b>Cat AC Drivetrain:</b>   |          |          |
| 2610 kW (3,500 hp) Fuel Optimized, (available for applicable markets)                  | ✓        |          | - AC generator  | ✓        |          |
| 2610 kW (3,500 hp) U.S. EPA Tier 4 Final/EU Stage V (available for applicable markets) | ✓        |          | - AC induction motors (high-torque)   | ✓        |          |
| - Turbocharging (4)/Aftercooled (ATAAC)  | ✓        |          | - IGBT motor control  | ✓        |          |
| <b>Cat C175-20 Diesel Engine (High Altitude only):</b>                                 |          |          | - Radial retarding grid with AC motor control                                     | ✓        |          |
| 3095 kW (4,150 hp) Fuel Optimized (available for applicable markets)                   | ✓        |          | - Programmable top speed  | ✓        |          |
| 2759 kW (3,700 hp) Fuel Optimized (available for applicable markets)                   |          | ✓        | - TorqueBoost technology  | ✓        |          |
| 2983 kW (4,000 hp) power setting, Fuel Optimized (available for applicable markets)    |          | ✓        | - Traction control system   | ✓        |          |
| - Turbocharging (8)/Aftercooled (ATAAC)  | ✓        |          | <b>Directional Shift Management:</b>  |          |          |
| <b>Cat C175 Engine</b>   |          |          | - Body-up reverse neutralizer   | ✓        |          |
| All of these options are standard with the C175 regardless of cylinder count           |          |          | - Body-up shift inhibitor   | ✓        |          |
| - Centrifugal oil filter   | ✓        |          | - Reverse shift inhibitor   | ✓        |          |
| - Self-cleaning oil filter   | ✓        |          | - Neutral coast inhibitor   | ✓        |          |
| - Charging Alternator (225 amp), brushless   | ✓        |          | <b>OPERATION AND CONTROLS</b>   |          |          |
| - Pre-lubrication/engine   | ✓        |          | Integrated ROPS/FOPS cab, insulated/sound suppressed                              | ✓        |          |
| - Air cleaner with pre-cleaner (4)   | ✓        |          | Seat, operator, air suspension, adjustable, heated/cooled                         | ✓        |          |
| - Multi-point oil pressure sensing   | ✓        |          | Seatbelt, operator, three-point with visual and audible reminder                  | ✓        |          |
| - Exhaust - Muffler, Right Side Exit   | ✓        |          | Seatbelt, status alert, exterior beacon for visual confirmation to site personnel |          | ✓        |
| - Exhaust - Body Heat  |          | ✓        | Seat belt compliance log available with Product Link™-equipped machines           | ✓        |          |
| <b>Braking System:</b>   |          |          | Seat, trainer, air suspension, adjustable   | ✓        |          |
| - Electric dynamic resistive braking with blended low speed                            | ✓        |          | Seatbelt, trainer, two point  | ✓        |          |
| - Oil-cooled, Multi-disc (front and rear) - Service, Parking, Secondary                | ✓        |          | Steering wheel, tilt, telescopic, horn  | ✓        |          |
| - Load Brake (rear axle only)  | ✓        |          | Horn, electric  | ✓        |          |
| - Extended Life Brake Disc Material  | ✓        |          | Directional shift lever   | ✓        |          |
| - Automatic Resistor Control (ARC)   | ✓        |          | Resistive braking and oil-cooled brake control, single pedal                      | ✓        |          |
| - Brake wear indicators (Front and Rear)   |          | ✓        | Automatic Resistor Control (ARC) toggle switch                                    | ✓        |          |
| - Anti-Lock Braking System (with Command for Hauling)                                  |          | ✓        | Load brake switch   | ✓        |          |
|  |          |          | Windshield, three-piece, with tinted/safety glass                                 | ✓        |          |
|  |          |          | Window, electric powered, operator/passenger                                      | ✓        |          |
|  |          |          | Windshield Wipers (2), intermittent control and washer                            | ✓        |          |
|  |          |          | Visor (2)   | ✓        |          |

(continued on next page)

# 798 AC Mining Truck Specifications

## Standard and Optional Equipment *(continued)*

Standard and optional equipment may vary. Consult your Cat dealer for details.

|  | Standard | Optional |  | Standard | Optional |
|--|----------|----------|--|----------|----------|
| <b>OPERATION AND CONTROLS <i>(continued)</i></b>   |          |          | <b>ELECTRICAL</b>  |          |          |
| Storage rear of seats  | ✓        |          | Audible Alarm, backup  | ✓        |          |
| Cup holder (2)   | ✓        |          | Electrical system, 24V with fuses and breakers   | ✓        |          |
| Dome courtesy light  | ✓        |          | Batteries, 12V (8) 90 amp hour   | ✓        |          |
| Entertainment radio ready with speakers and wiring harnesses   | ✓        |          | Ground level Battery charge receptacle   | ✓        |          |
| Converter, 12V   | ✓        |          | <b>Lighting, signals/service:</b>  |          |          |
| 12V DC power supply (1)  | ✓        |          | - Headlights (4 low beam, 4 high beam), LED  | ✓        |          |
| Throttle lock  |          | ✓        | - Headlights (4 low beam, 2 high beam, 2 fog lights), LED (High Altitude only)   | ✓        |          |
| Timer, engine shutdown   |          | ✓        | - Backup and marker/hazard, LED  | ✓        |          |
| Tier 4 Final – Delayed Engine Shutdown (DES) Standard, Lesser Regulated Countries (LRC)/ High Altitude Arrangement (HAA) – Engine Shutdown Timer             |          |          | - Directional signals (front and rear), LED  | ✓        |          |
| Mirrors, standard (Left-Flat, Right-Convex)  | ✓        |          | - Front stair access/service deck, LED   | ✓        |          |
| Heated mirrors (Left and Right)  |          | ✓        | - Stop/tail and resistive braking lights, LED  | ✓        |          |
| Fixed access ladder, left hand ground access   | ✓        |          | - Engine compartment, LED  | ✓        |          |
| Powered access ladder, left hand ground access   |          | ✓        | - Inverter energy warning lights, LED  | ✓        |          |
| Fixed access ladder, right hand ground access (High Altitude only)   | ✓        |          | - Fog lights, LED  |          | ✓        |
| Powered access ladder, right hand ground access (High Altitude only)   |          | ✓        | - Fog lights, LED High Altitude  | ✓        |          |
| Secondary egress ladder shield   | ✓        |          | - Work lights, LED   |          | ✓        |
| <b>HVAC:</b>   |          |          | - Side profile lights, LED   |          | ✓        |
| - Cab air filtration MERV 16 filter  | ✓        |          | - Dump body marker/stop lights, LED  |          | ✓        |
| - Cab air filtration Cyclonic Pre-cleaner plus MERV 16 filter; also able to add HEPA filter, odor reducing filter, or ABEK filter to remove gases and vapors |          | ✓        | Resistive braking indicator light, multi color:<br>Amber – Resistive Braking<br>Green – Parking Brake<br>Red – Service Brake |          | ✓        |
| - Pressurized, filtered environment  | ✓        |          | Payload indicator, red/green   | ✓        |          |
| - Air conditioner  | ✓        |          | Payload, digital display   |          | ✓        |
| - Heater/defroster   | ✓        |          |  |          |          |
| <b>Metric or English gauges:</b>   |          |          |  |          |          |
| - Speedometer  | ✓        |          |  |          |          |
| - Tachometer   | ✓        |          |  |          |          |
| - Electric hour meter  | ✓        |          |  |          |          |
| - Fuel level   | ✓        |          |  |          |          |
| - DEF level (U.S. EPA Tier 4 Final/ EU Stage V engines only)   | ✓        |          |  |          |          |
| - Hydraulic oil temperature  | ✓        |          |  |          |          |
| - Engine coolant temperature   | ✓        |          |  |          |          |
| <b>Service and Information:</b>  |          |          |  |          |          |
| - Diagnostic connection port   | ✓        |          |  |          |          |
| - Electric engine control fault indicator  | ✓        |          |  |          |          |
| - Alarm, Park brake/open operator door   | ✓        |          |  |          |          |
| - Third party telematics port  | ✓        |          |  |          |          |
| - VIMS message center advisor  | ✓        |          |  |          |          |
| - Language monitors  |          | ✓        |  |          |          |

*(continued on next page)*



# 798 AC Mining Truck Specifications

## Standard and Optional Equipment *(continued)*

Standard and optional equipment may vary. Consult your Cat dealer for details.

|   | Standard | Optional |  | Standard | Optional |
|---|----------|----------|--|----------|----------|
| <b>ADDITIONAL FEATURES AND EQUIPMENT</b>  |          |          | <b>ANTIFREEZE</b>  |          |          |
| Accumulators (Steering and Brake) – Australian and Canadian certified                                     | ✓        |          | Cat® Extended Life Coolant (ELC) protects to –35°C (–30° F)                  | ✓        |          |
| Automatic lubrication system  | ✓        |          | Antifreeze/coolant protects to –50° C (–58° F)                               |          | ✓        |
| Rotating component guards   | ✓        |          | <b>CAT TECHNOLOGY PRODUCTS</b>   |          |          |
| Mud Flaps   | ✓        |          | Cat® MineStar™ Detect (Radar and Camera) System                              | ✓        |          |
| Portable fire extinguisher  |          | ✓        | Cat® MineStar™ Detect (Camera Only) System                                   |          | ✓        |
| Tow hooks and pins (front)  | ✓        |          | Driver Safety System   |          | ✓        |
| Tow pin (rear) (empty truck only)   | ✓        |          | Product Link™ Elite (Cellular)   | ✓        |          |
| Front bumper single-point center tow  |          | ✓        | Product Link™ Elite (Satellite)  |          | ✓        |
| Front bumper single-point center tow, (High Altitude only)  | ✓        |          | Cat MineStar™ Health   |          | ✓        |
| Wheel chocks (ANSI and ISO)   |          | ✓        | Cat MineStar™ Fleet  |          | ✓        |
| 44 x 63 rims, six position (6)  |          | ✓        | Cat MineStar™ Terrain  |          | ✓        |
| 44 x 63 rims, quick change (2 quick change, 4 standard)   |          | ✓        | Cat MineStar™ Command-Ready  |          | ✓        |
| <b>Fueling:</b>   |          |          | Cat MineStar™ Command  |          | ✓        |
| – 4922 L (1,300 gal) fuel tank (16 cyl only)  | ✓        |          | <b>DUMP BODY</b>   |          |          |
| – 4543 L (1,200 gal) fuel tank (U.S. EPA Tier 4 Final/EU Stage V engines only)                            | ✓        |          | High Efficiency (HE) body, 218-276 m <sup>3</sup> (285-361 yd <sup>3</sup> ) | ✓        |          |
| – 7571L (2,000 gal) fuel tank   |          |          | HE Body Mounting Group   | ✓        |          |
| – (High Altitude only)  | ✓        |          | HE rock box liner  |          | ✓        |
| – 379 L (100 gallon) DEF tank (U.S. EPA Tier 4 Final/EU Stage V engines only)                             | ✓        |          | HE canopy rock deflectors  |          | ✓        |
| – Fuel filter with water separator  | ✓        |          | HE rear tire rock deflectors   |          | ✓        |
| – 210 GPM Fast fill fuel system (Left and Right)  | ✓        |          | HE impact liner  |          | ✓        |
| – 300 GPM Fast fill fuel system (Left and Right)  |          | ✓        | Rock ejectors (chain)  | ✓        |          |
| <b>Service:</b>   |          |          | Rock ejectors (solid bar)  |          | ✓        |
| – Engine service platforms (2)  | ✓        |          | Canopy Extension   |          | ✓        |
| – Inverter platform (rear access)   |          | ✓        | Synthetic body cable   |          | ✓        |
| – ANSI or ISO service instructions  | ✓        |          |  |          |          |
| – Scheduled Oil Sampling (S·O·S <sup>SM</sup> ) sample points (hydraulic oil, engine coolant, engine oil) | ✓        |          |  |          |          |
| – Service Center, fast-fill   |          | ✓        |  |          |          |
| – Autolube reservoir, platform level or ground level  | ✓        |          |  |          |          |
| – Machine lockout, ground level (battery)   | ✓        |          |  |          |          |
| – Engine shut-down, ground level  | ✓        |          |  |          |          |
| – Drivetrain lockout, ground level  | ✓        |          |  |          |          |
| – Engine start lockout, ground level  | ✓        |          |  |          |          |
| – Auxiliary “buddy” dumping quick connect   | ✓        |          |  |          |          |
| – Auxiliary steering quick connect (towing)   | ✓        |          |  |          |          |
| – Jumpstart Receptacle on bumper, dedicated 24V on High Altitude Arrangement                              | ✓        |          |  |          |          |

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AEXQ3749-01 (02-2025)  
Replaces AEXQ3749  
Build Number: 798 AC (01A)  
798 AC HAA (02A)  
(Global)

