# 637

Coal Bowl

# Technical Specifications

**Configurations and features may vary by region. Please consult your Cat® dealer for availability in your area.**

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CAT®

# 637 Coal Bowl Specifications

## Engine

| | | |
|---|---|---|
| Engine Model: Tractor | Cat® C18 | |
| Rated Engine Speed: Tractor | 1,900 rpm | |
| Engine Power (ISO 14396:2002) | 425 kW | 570 hp |

- Meets U.S. EPA Tier 4 Final/EU Stage V emission standards, or noncertified and equivalent to U.S. EPA Tier 2, or noncertified and equivalent to U.S. EPA Tier 3/EU Stage IIIA.

## Engine – Scraper

| | | |
|---|---|---|
| Engine Model: Scraper | Cat C9.3 | |
| Rated Engine Speed: Scraper | 2,150 rpm | |
| Engine Power (ISO 14396:2002) – Tier 4 Final/EU Stage V | 200 kW | 269 hp |
| Engine Power (ISO 14396:2002) – Tier 3/EU Stage IIIA | 215 kW | 289 hp |

- Meets U.S. EPA Tier 4 Final/EU Stage V emission standards, or noncertified and equivalent to U.S. EPA Tier 2, or noncertified and equivalent to U.S. EPA Tier 3/EU Stage IIIA.

## General Data

| | | |
|---|---|---|
| Overall Width | 3.94 m | 12'11" |
| Overall Height | 4.15 m | 13'7" |
| Scraper Capacity: | | |
|   Struck | 31.3 m³ | 41.0 yd³ |
|   Heaped | 37.8 m³ | 49.4 yd³ |
| Rated Load | 34 473 kg | 76,000 lb |
| | 34.2 tonnes | 38.0 tons |
| Width of Cut | 3.51 m | 11'6" |
| Maximum Depth of Cut | 450 mm | 17'7" |
| Maximum Depth of Spread | 535 mm | 21.1" |
| Top Speed (Loaded) | 55.8 km/h | 34.7 mph |
| 180° Curb-to-Curb Turning Width | 12.98 m | 42'7" |
| Tires: | | |
|   Tractor Drive | 37.25R35**E3 | |
|   Scraper | 37.25R35**E3 | |

## Non Push-Pull

| | | |
|---|---|---|
| Operating Weight (Empty) | 53,130 kg | 117,132 lb |
| Overall Length | 15.48 m | 5'8" |

## Transmission

| | | |
|---|---|---|
| Forward 1 | 5.5 km/h | 3.4 mph |
| Forward 2 | 10.0 km/h | 6.2 mph |
| Forward 3 | 12.4 km/h | 7.7 mph |
| Forward 4 | 16.9 km/h | 10.5 mph |
| Forward 5 | 22.7 km/h | 14.1 mph |
| Forward 6 | 30.6 km/h | 19.0 mph |
| Forward 7 | 41.4 km/h | 25.7 mph |
| Forward 8 | 55.8 km/h | 34.7 mph |
| Reverse 1 | 9.9 km/h | 6.2 mph |

## Service Refill Capacities

| | Tractor | | Scraper | |
|---|---|---|---|---|
| Final Drive (each) | 33.0 L | 8.71 gal | 18.0 L | 4.8 gal |
| Rear Wheels (each) | 9.0 L | 2.37 gal | 9.0 L | 2.37 gal |
| Crankcase | 52.0 L | 13.7 gal | 24.5 L | 6.5 gal |
| Transmission System | 110.0 L | 29.0 gal | 49.0 L | 12.9 gal |
| Cooling System | 71.0 L | 18.75 gal | 41.0 L | 10.08 gal |
| Diffferential | 153.0 L | 40.4 gal | 23.0 L | 6.1 gal |
| Fuel Tank | 874.0 L | 231.0 gal | | |
| Hydraulic System | 142.0 L | 37.5 gal | | |
| Diesel Exhaust Fluid (DEF) Tank* | 30.5 L | 8.0 gal | 22.0 L | 5.8 gal |
| Window Washer Reservoir | 5.0 L | 1.3 gal | | |

*When equipped

## Safety Criteria Compliance Standards

| | |
|---|---|
| Rollover Protective Structure (ROPS) | ISO 3471:2008 for up to 21 282 kg (46,919 lb) |
| Falling Objects Protective Structure (FOPS) | ISO 3449:2005 Level II |
| Brakes | ISO 3450:2011 |
| Steering System | ISO 5010:2007 |
| Seat Belt | ISO 6683:2005, SAE J386 |
| Reverse Alarm | ISO 9533:2010 |

## Weights

**Standard**

| | | |
|---|---|---|
| Shipping Weight – 10% fuel | 52 091 kg | 114,841 lb |
| Operating Weight – full fuel empty load | 53 133 kg | 117,138 lb |
| Loaded, based on rated load | 87 606 kg | 193,138 lb |

## Implement Cycle Times

| | |
|---|---|
| Bowl Raise | 3.5 seconds |
| Bowl Lower | 3.5 seconds |
| Apron Raise | 4.0 seconds |
| Apron Lower | 3.8 seconds |
| Ejector Extend | 8.5 seconds |
| Ejector Retract | 8.5 seconds |
| Bail Raise | 1.5 seconds |
| Bail Lower | 2.1 seconds |

## Sound

- The exterior sound pressure level for the standard machine (ISO 6395:2008) is 119 dB(A).
- The interior sound pressure level for the standard machine (ISO 6396:2008) is 77 dB(A).
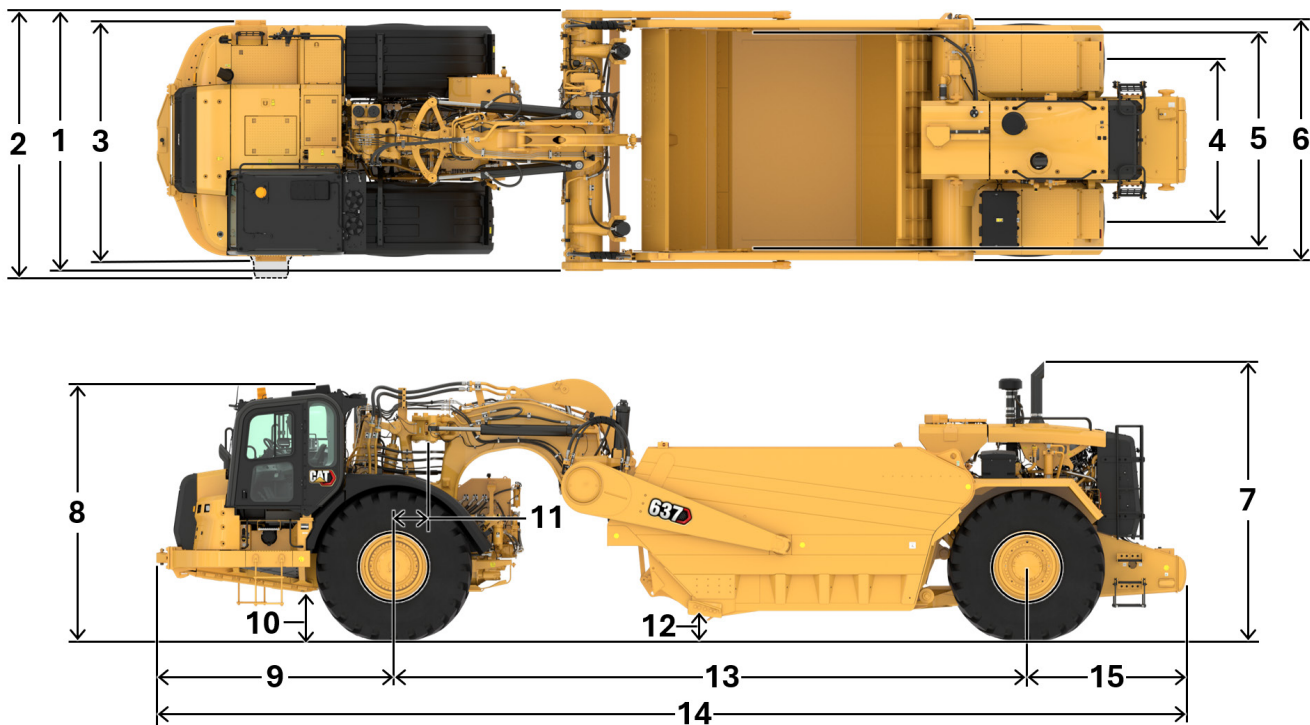
## Air Conditioning System

The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a or R1234yf. Refer to the machine labeling for identification of the gas.
- If equipped with R134a (Global Warming Potential = 1430), the system contains 1.9 kg (4.2 lb) of refrigerant which has a $CO_2$ equivalent of 2.71 metric tonnes (2.674 tons)
- If equipped with R1234yf (Global Warming Potential = 0.501), the system contains 1.85 kg (4.1 lb) of refrigerant which has a $CO_2$ equivalent of 0.001 metric tonnes (0.001 tons).

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## Dimensions

All dimensions are approximate.



|    |                                          | **637**     |           |
|----|------------------------------------------|-------------|-----------|
| 1  | Overall Machine Width                    | 3937 mm     | 155 in    |
| 2  | Overall Machine Width – Ladder Down      | 4045 mm     | 159.3 in  |
| 3  | Tractor Width                            | 3662 mm     | 144.2 in  |
| 4  | Rear Tire Centers Width                  | 2462 mm     | 96.9 in   |
| 5  | Inside of Bowl Width                     | 3404 mm     | 134 in    |
| 6  | Outside Bowl Width                       | 3635 mm     | 143.1 in  |
| 7  | Overall Height                           | 4145 mm     | 163.2 in  |
| 8  | Height to Top of Cab                     | 3805 mm     | 149.8 in  |
| 9  | Front of Tractor to Front Axle           | 3612 mm     | 142.2 in  |
| 10 | Ground Clearance – Tractor               | 664 mm      | 26.1 in   |
| 11 | Axle to Vertical Hitch Pin               | 509 mm      | 20 in     |
| 12 | Scraper Blade Height – Maximum           | 510 mm      | 20 in     |
| 13 | Wheelbase                                | 9570 mm     | 376.8 in  |
| 14 | Overall Machine Length                   | 15 603 mm   | 614.3 in  |
| 15 | Rear Axle to Rear of Machine             | 2427 mm     | 95.6 in   |

## Rimpull-Speed-Gradeability Curves: Example Tutorial

### USE OF RIMPULL-SPEED-GRADEABILITY CURVES

*The following explanation applies to Rimpull-Speed-Gradeability curves for wheel tractor-scrapers, construction and mining trucks/tractors, and articulated trucks.*

Maximum speed attainable, gear range, and available rimpull can be determined from curves on the following pages when machine weight and total effective grade (or total resistance) are known.

**Rimpull is the force** (in kg, lb, or kN) available between the tire and the ground to propel the machine (limited by traction).

> **Weight** is defined as gross machine weight (kg or lb)
> = machine + payload

**Total effective grade (or total resistance)** is grade resistance plus rolling resistance expressed as percent grade.

> Grade is measured or estimated.

> Rolling resistance is estimated (see tables section for typical values).

> 10 kg/metric ton (20 lb/U.S. ton) = 1% adverse grade

*Example:*

**With a 6% grade and a rolling resistance of 40 kg/metric ton (80 lb/U.S. ton), find total resistance.**

> Rolling resistance = 40 kg/t ÷ 10 = 4% effective grade
> (English: 80 lb ÷ 20 = 4%)

> Total resistance = 4% rolling + 6% grade = 10%

### Altitude Derating

Rimpull force and speed must be derated for altitude similar to flywheel horsepower. The percentage loss in rimpull force approximately corresponds to the percentage loss in flywheel horsepower. See tables section for altitude derations.

### Rimpull-Speed-Gradeability

To determine gradeability performance: Read from gross weight down to the % of total resistance. [Total resistance equals actual % grade plus 1% for each 10 kg/metric ton (20 lb/U.S. ton) of rolling resistance.] From this weight-resistance point, read horizontally to the curve with the highest obtainable speed range, then down to the maximum speed. Usable rimpull depends upon traction and weight on drive wheels.

**Example Problem:**

**A 637 with an estimated payload of 37 013 kg (81,600 lb) is operating on a total effective grade of 10%.** Find the available rimpull and maximum attainable speed.

> Empty weight + payload = gross weight

> 47 628 kg + 37 013 kg = 84 641 kg

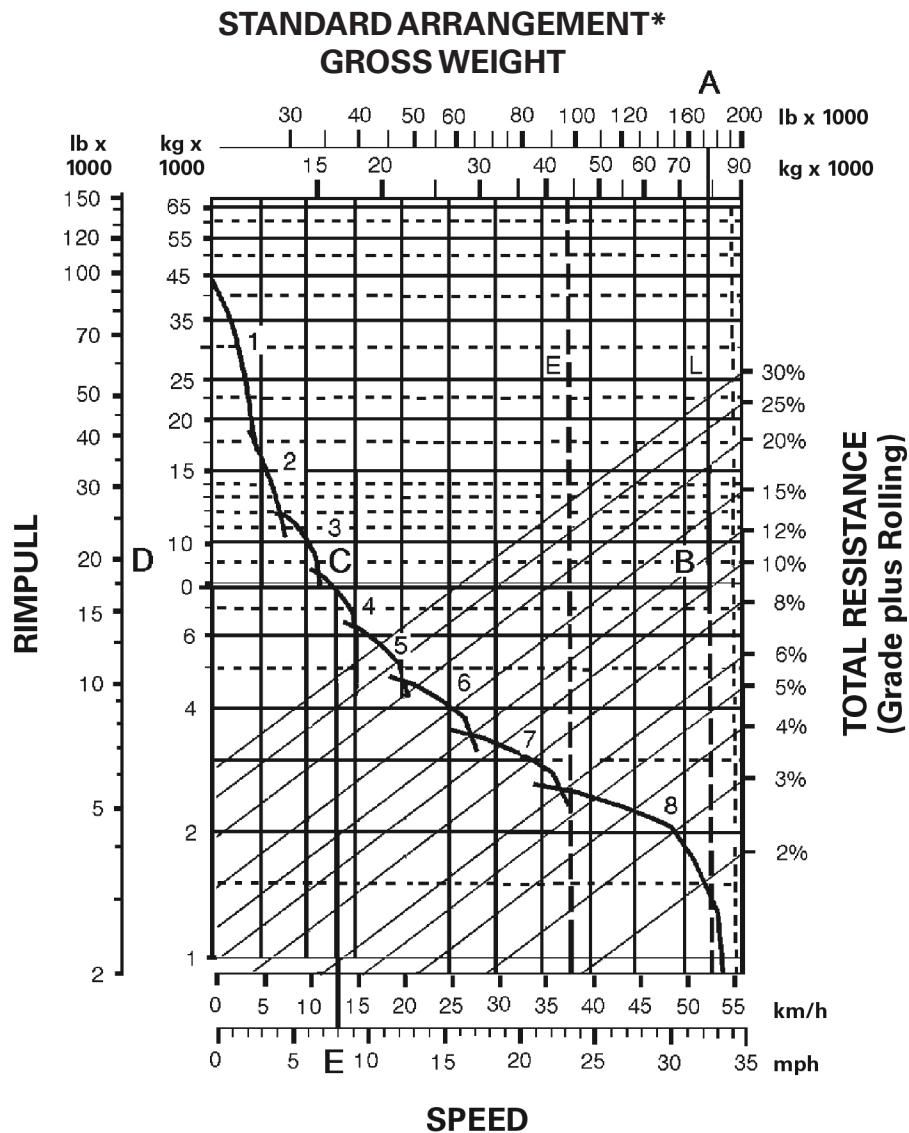> (105,002 lb + 81,600 lb = 186,602 lb)

**Solution:** Using graph on the next page, read from 84 641 kg (186,602 lb) (point A) on top of gross weight scale down the line to the intersection of the 10% total resistance line (point B).

Go across horizontally from B to the rimpull scale on the left (point D). This gives the required rimpull: 7756 kg (17,100 lb).

Where the line cuts the speed curve (point C), read down vertically (point E) to obtain the maximum speed attainable for the 10% effective grade: 12.9 km/h (8 mph).

**Answer:** The machine will climb the 10% effective grade at a maximum speed of 12.9 km/h (8 mph) in 4th gear. Available rimpull is 7756 kg (17,100 lb).

**STANDARD ARRANGEMENT***
**GROSS WEIGHT**

RIMPULL

TOTAL RESISTANCE
(Grade plus Rolling)

SPEED

| KEY | |
| --- | --- |
| 1 — | 1st Gear Torque Converter Drive |
| 2 — | 2nd Gear Torque Converter Drive |
| 3 — | 3rd Gear Direct Drive |
| 4 — | 4th Gear Direct Drive |
| 5 — | 5th Gear Direct Drive |
| 6 — | 6th Gear Direct Drive |
| 7 — | 7th Gear Direct Drive |
| 8 — | 8th Gear Direct Drive |

| KEY | |
| --- | --- |
| A — | Loaded 84 641 kg (186,602 lb) |
| B — | Intersection with 10% total resistance line |
| C — | Intersection with rimpull curve (4th gear) |
| D — | Required rimpull 7756 kg (17,100 lb) |
| E — | Speed 12.9 km/h (8 mph) |

*At sea level

## Retarder Curves: Example Tutorial

### USE OF RETARDER CURVES

*The following explanation applies to retarder curves for wheel tractor-scrapers and articulated trucks.*

The speed that can be maintained (without use of service brake) when the machine is descending a grade with retarder fully on can be determined from the retarder curves in this section if gross machine weight and total effective grade are known.

**Total effective grade (or total resistance)** is grade assistance minus rolling resistance.

> 10 kg/metric ton (20 lb/U.S. ton) = 1% adverse grade

*Example:*

**15% favorable grade with 5% rolling resistance.** Find total effective grade.

> Total effective grade = 15% grade assistance – 5%

> Rolling resistance = 10% total effective grade assistance

*Example Problem:*

**A 637 with an estimated payload of 47 175 kg (104,000 lb) descends a 10% total effective grade.** Find constant speed and gear range with maximum retarder effort. Find travel time if the slope is 610 m (2,000 ft) long.

> Empty weight + payload = gross weight = 60 950 kg + 47 175 kg = 108 125 kg (134,370 lb + 104,000 lb = 238,370 lb)

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**Solution:** Using the retarder curve below, read from 108 125 kg (238,370 lb) (point A) on top of gross weight scale down the line to the intersection of the 10% effective grade line (point B).

Go across horizontally from point B to the intersection of the retarder curve (point C). Point C intersects at the 5 (5th gear) range.

Where point C intersects the retarder curve, read down vertically to point D on the bottom scale to obtain the constant speed: 21.7 km/h (13.5 mph).

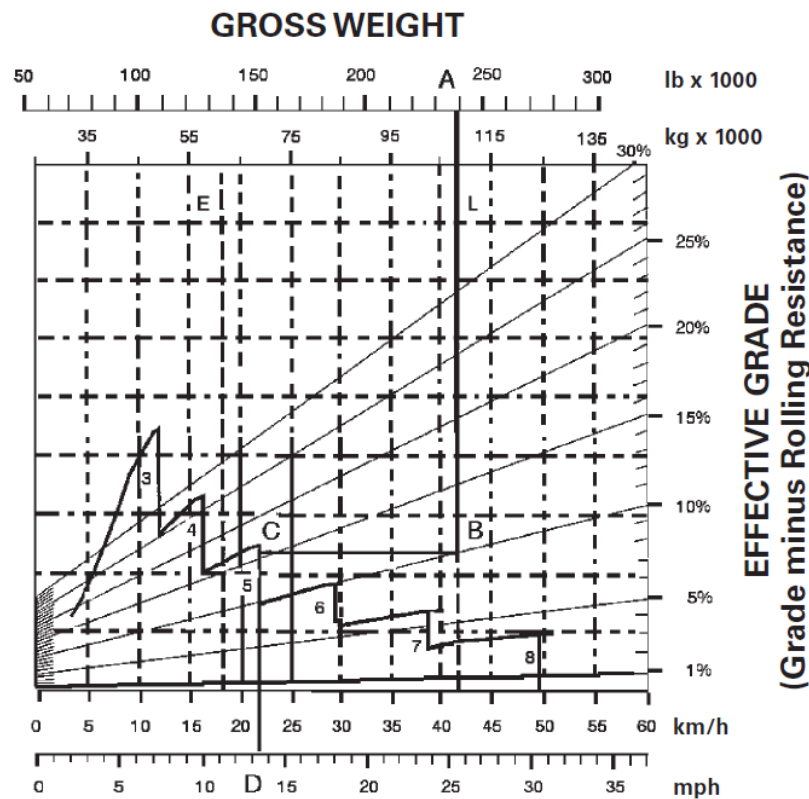**Answer:** The 637 will descend the slope at 21.7 km/h (13.5 mph) in 5th gear. Travel time is 1.68 minutes.

$$\frac{610 \text{ m}}{363 \text{ m/min}} = 1.68 \text{ min}$$
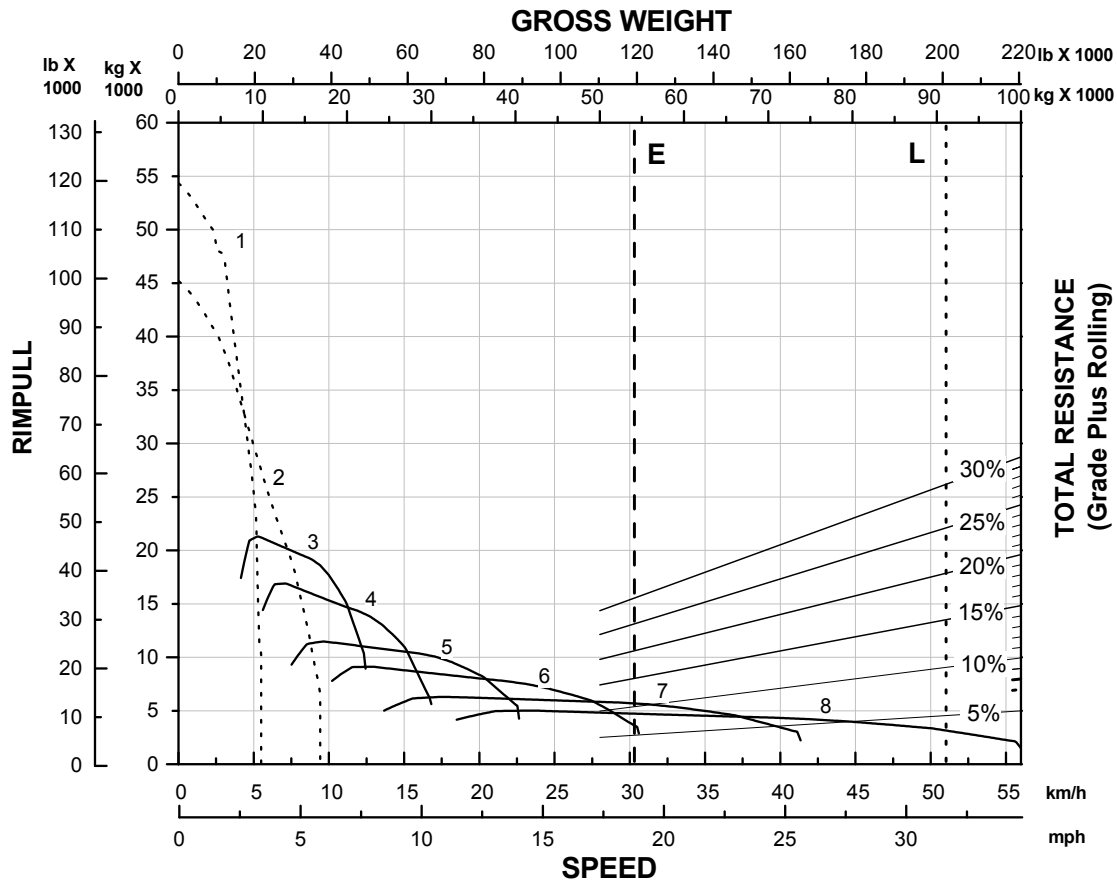
$$* \text{ (mph x 88 = F.P.M.)}$$

$$\frac{2,000 \text{ ft}}{13.5 \text{ mph x } 88*} = 1.68 \text{ min}$$

**Note:** The basic distance-speed-time formula is 60 D ÷ S = T (or "60 D Street"), where 60 is minutes, D is distance, S is speed, and T is time. In the above problem, 60 × 610 m ÷ 21.7 km/h × 1000 = T.

$$\frac{60 \text{ x } 610}{21.7 \text{ x } 1000} = T = (1.68)$$



KEY

| | |
|---|---|
| 3 — | 3rd Gear Direct Drive |
| 4 — | 4th Gear Direct Drive |
| 5 — | 5th Gear Direct Drive |
| 6 — | 6th Gear Direct Drive |
| 7 — | 7th Gear Direct Drive |
| 8 — | 8th Gear Direct Drive |

KEY

| | |
|---|---|
| A — | Loaded 108 125 kg (238,370 lb) |
| B — | Intersection with 10% effective grade line |
| C — | Intersection with retarder curve (5th gear) |
| D — | Constant speed 21.7 km/h (13.5 mph) |

## 637 Rimpull-Speed-Gradeability - 37.25R35 Tires

**GROSS WEIGHT**

**SPEED**

**RIMPULL**

**TOTAL RESISTANCE (Grade Plus Rolling)**

KEY
1 — 1st Gear Torque Converter Drive
2 — 2nd Gear Torque Converter Drive
3 — 3rd Gear Direct Drive
4 — 4th Gear Direct Drive
5 — 5th Gear Direct Drive
6 — 6th Gear Direct Drive
7 — 7th Gear Direct Drive
8 — 8th Gear Direct Drive

KEY
E – Empty 54 005 kg (119,060 lb)
L – Loaded 91 290 kg (201,260 lb)

## 637 Rimpull-Speed-Gradeability - 37.25R35 Tires

**GROSS WEIGHT**

lb X 1000: 0 20 40 60 80 100 120 140 160 180 200 220

kg X 1000: 0 10 20 30 40 50 60 70 80 90 100

E

L

30% 25%

20%

15%

10%

5%

**Effective Grade (Grade minus Rolling Resistance)**

3

4

5

6

7

8

\*\*\*

\*\*

\*

Compression Braking Level
\*\*\* high
\*\* medium
\* low

**SPEED**

km/h: 0 5 10 15 20 25 30 35 40 45 50 55 60

mph: 0 5 10 15 20 25 30 35

KEY

3 — 3rd Gear Direct Drive
4 — 4th Gear Direct Drive
5 — 5th Gear Direct Drive
6 — 6th Gear Direct Drive
7 — 7th Gear Direct Drive
8 — 8th Gear Direct Drive

KEY

E – Empty 54 005 kg (119,060 lb)
L – Loaded 91 290 kg (201,260 lb)

## Standard Equipment and Optional Attachments

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

| | Standard | Optional |
|---|:---:|:---:|
| **POWERTRAIN – TRACTOR** | | |
| Cat® C18 engine with Mechanically Actuated Electronic Unit Injection (MEUI™) | ✓ | |
| Cat engine brake | ✓ | |
| Electric start, 24V | ✓ | |
| Differential lock | ✓ | |
| Fan, hydraulic | ✓ | |
| Ground-level engine shutdown | ✓ | |
| Guard, crankcase | ✓ | |
| Starting aid, ether | ✓ | |
| Braking system: primary and secondary, wet disc, hydraulic; parking, hydraulic-released, spring-applied | ✓ | |
| Transmission: 8-speed planetary powershift, Electronic Clutch Pressure Control (ECPC), Advanced Productivity Electronic Control Strategy (APECS) software, programmable top gear selection, transmission hold, transmission guard, ground speed control, machine speed limit | ✓ | |
| **POWERTRAIN – SCRAPER** | | |
| Cat C9.3 engine with high pressure common rail fuel | ✓ | |
| Cat engine brake | ✓ | |
| Electric start, 24V | ✓ | |
| Fan, driveline | ✓ | |
| Ground-level engine shutdown | ✓ | |
| Muffler (U.S. EPA Tier 2 or U.S. EPA Tier 3 only) | ✓ | |
| Starting aid, ether | ✓ | |
| Braking system: primary and secondary, dry disc, hydraulic | ✓ | |
| Transmission: 4-speed (torque converter drive), transmission planetary powershift | ✓ | |
| **ELECTRICAL – TRACTOR** | | |
| Alternator, 115 amp | ✓ | |
| Batteries (4), 12V, 1,000 CCA, maintenance free | ✓ | |
| Electrical system, 24V | ✓ | |
| Lighting system: LED low beam, high beam, and work lights | ✓ | |
| Starting/charging receptacle | ✓ | |
| **ELECTRICAL – SCRAPER** | | |
| Alarm, backup | ✓ | |
| Lighting system: brake lights – LED, turn signals with hazard function – LED | ✓ | |
| **OPERATOR ENVIRONMENT – TRACTOR** | | |
| HVAC powered air precleaner | ✓ | |
| HVAC system, heat, AC, defrost | ✓ | |
| Thermostat control of HVAC system | ✓ | |
| Coat hook | ✓ | |
| Lunchbox platform with holding strap | ✓ | |
| Diagnostic connection | ✓ | |
| 12V power ports (2) | ✓ | |
| Dome courtesy light | ✓ | |
| Horn, electric | ✓ | |
| T-handle implement control | ✓ | |
| Radio ready | ✓ | |

| | Standard | Optional |
|---|:---:|:---:|
| **OPERATOR ENVIRONMENT – TRACTOR** *(continued)* | | |
| Rollover protective structure (ROPS)/falling objects protective structure (FOPS) cab, pressurized | ✓ | |
| Keypad switches: throttle lock, wipers/washers, hazard lights, retarding level select, work lights on/off, information mode on touchscreen display with machine-specific keypay and optional tool automation keypad, and parking brake | ✓ | |
| Powered access ladder | | ✓ |
| Safety tab rocker switches | ✓ | |
| Seat belt, static two-piece | ✓ | |
| Work Area Vision (3) Camera System | ✓ | |
| Seat – Cat Advanced Ride Management (ARM), Cat Comfort Series III, rotates 30 degrees | ✓ | |
| Steering wheel, tilt, telescoping, padded | ✓ | |
| Windows, right side emergency egress | ✓ | |
| 254 mm (10 in) touchscreen information display | ✓ | |
| **FLUIDS** | | |
| Extended life coolant to -37° C (-34° F) | ✓ | |
| **OTHER STANDARD EQUIPMENT – TRACTOR** | | |
| Advanced cushion hitch | ✓ | |
| Accumulators (cushion hitch and brake) with Canadian registration number (CRN) | ✓ | |
| Fast oil change (engine) | ✓ | |
| Fenders, non-metallic | ✓ | |
| Heater, engine coolant 120V | ✓ | |
| Tow pin, front | ✓ | |
| **OTHER STANDARD EQUIPMENT – SCRAPER** | | |
| Coal Bowl: 31.3 m³ (41.0 yd³) – struck, 37.8 m³ (49.4 yd³) – heaped | ✓ | |
| Hydraulic position sensing cylinders (bowl lift and apron) | ✓ | |
| Fast-fill fuel tank | ✓ | |
| Fender, scraper | ✓ | |
| **STEERING ARRANGEMENTS** | | |
| Secondary steering (ground driven) | ✓ | |
| **INTEGRATED TECHNOLOGIES** | | |
| Product Link™ | | ✓ |
| Sequence Assist | ✓ | |
| **OTHER ATTACHMENTS** | | |
| Steering lock – external | ✓ | |
| Cab beacon with air horn | | ✓ |
| **SERVICE INSTRUCTIONS** | | |
| Film arrangement – U.S. (ANSI) | | ✓ |
| Film arrangement – International (ISO) | | ✓ |

# 637 Environmental Declaration

The following information applies to the machine at the time of final manufacture as configured for sale in the regions covered in this document. The content of this declaration is valid as of the date issued; however, content related to machine features and specifications are subject to change without notice. For additional information, please see the machine's Operation and Maintenance Manual.

For more information on sustainability in action and our progress, please visit https://www.caterpillar.com/en/company/sustainability.

## Engine

- The Cat® C18 for Tractor and C9.3 for Scraper engine is available in configurations that meet U.S. EPA Tier 4 Final and EU Stage V emission standards or equivalent to U.S. EPA Tier 2, or equivalent to U.S. EPA Tier 3 and EU Stage IIIA.
- Cat U.S. EPA Tier 4 and EU Stage V engines are required to use ULSD (ultra-low sulfur diesel fuel with 15 ppm of sulfur or less) and are compatible* with ULSD blended with the following lower-carbon intensity fuels** up to:
  - ✓ 20% biodiesel FAME (fatty acid methyl ester)***
  - ✓ 100% renewable diesel, HVO (hydrotreated vegetable oil) and GTL (gas-to-liquid) fuels
- Cat engines emitting equivalent to U.S EPA Tier 2, or equivalent to U.S. EPA Tier 3 and EU Stage IIIA, are compatible* with diesel fuel blended with the following lower-carbon intensity fuels*** up to:
  - ✓ 100% biodiesel FAME (fatty acid methyl ester)****
  - ✓ 100% renewable diesel, HVO (hydrotreated vegetable oil) and GTL (gas-to-liquid) fuels

Refer to guidelines for successful application. Please consult your Cat dealer or "Caterpillar Machine Fluids Recommendations" (SEBU6250) for details.

  * *While Caterpillar engines are compatible with these alternative fuels, some regions may not allow their use.*
 ** *Tailpipe greenhouse gas emissions from lower-carbon intensity fuels are essentially the same as traditional fuels.*
*** *Engines with no aftertreatment devices are compatible with higher blends, up to 100% biodiesel (for use of blends higher than 20% biodiesel, consult your Cat dealer).*
**** *For use of blends higher than 20% biodiesel, consult your Cat dealer.*

## Air Conditioning System

- The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a or R1234yf. Refer to the machine labeling for identification of the gas.
- If equipped with R134a (Global Warming Potential = 1430), the system contains 1.9 kg (4.2 lb) of refrigerant which has a $CO_2$ equivalent of 2.71 metric tonnes (2.674 tons)
- If equipped with R1234yf (Global Warming Potential = 0.501),the system contains 1.85 kg (4.1 lb) of refrigerant which has a $CO_2$ equivalent of 0.001 metric tonnes (0.001 tons).

## Paint

- Based on best available knowledge, the maximum allowable concentration, measured in parts per million (PPM), of the following heavy metals in paint are:
  - Barium < 0.01%
  - Cadmium < 0.01%
  - Chromium < 0.01%
  - Lead < 0.01%

## Sound Performance

The exterior sound pressure level for the standard machine (ISO 6395:2008) is 119 dB(A).

The interior sound pressure level for the standard machine (ISO 6396:2008) is 77 dB(A).

- The operator sound pressure level was measured according to ISO 6396:2008.The measurement was conducted at 100% of the maximum engine cooling fan speed.
- The machine sound power level was measured according to ISO 6395:2008.The measurement was conducted at 100% of the maximum engine cooling fan speed.
- Hearing protection may be needed when operating with an open operator station and cab (when not properly maintained or doors/windows open) for extended periods or in a noisy environment.

## Oils and Fluids

- Caterpillar factory fills with ethylene glycol coolants. Cat Diesel Engine Antifreeze/Coolant (DEAC) and Cat Extended Life Coolant (ELC) can be recycled. Consult your Cat dealer for more information.
- Cat Bio HYDO Advanced is an EU Ecolabel approved biodegradable hydraulic oil.
- Additional fluids are likely to be present, please consult the Operations and Maintenance Manual or the Application and Installation guide for complete fluid recommendations and maintenance intervals.

## Features and Technology

- The following features and technology contribute to fuel savings and/or carbon reduction. Features may vary. Consult your Cat dealer for details.
- Ground speed control helps lower fuel burn by allowing the operator to set the desired top speed and the machine will find the optimal gear for the engine and transmission
- Advanced Productivity Electronic Control System (APECS) allows the engines and transmission to communicate on a high level to better utilize the power and torque
- On-demand hydraulic fan helps reduce fuel consumption and under-hood heat for longer component life
- Improve jobsite efficiency with lower operating costs with Product Link™ and VisionLink™ insights

**CAT** ®