



627

Wheel Tractor-Scraper

Technical Specifications

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

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627 Wheel Tractor-Scraper Specifications

Engine

| | | |
|---|-----------|--------|
| Engine Model: | | |
| Tractor | Cat® C13 | |
| Scraper | Cat C9.3 | |
| Rated Engine Speed: | | |
| Tractor | 2,000 rpm | |
| Scraper | 2,150 rpm | |
| Engine Power (ISO 14396:2002): | | |
| Tractor | 304 kW | 407 hp |
| Scraper | 216 kW | 290 hp |
| <ul style="list-style-type: none">• Meets U.S. EPA Tier 4 Final/EU Stage V emission standards, noncertified and equivalent to U.S. EPA Tier 2, or noncertified and equivalent to U.S. EPA Tier 3/EU Stage IIIA. | | |

Sound

The exterior sound power 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 78 dB(A).

General Data

| | | |
|---------------------------------|--------------|-----------|
| Overall Width | 3.57 m | 11'7" |
| Overall Shipping Height | 3.77 m | 12'3" |
| Scraper Capacity: | | |
| Struck | 13.0 m³ | 17.1 yd³ |
| Heaped | 18.4 m³ | 24.0 yd³ |
| Rated Load | | |
| | 26 127 kg | 57,600 lb |
| | 26.1 tonnes | 28.8 tons |
| Width of Cut | 3.14 m | 10'4" |
| Maximum Depth of Cut | 315 mm | 12'4" |
| Maximum Depth of Spread | 540 mm | 21'3" |
| Top Speed (Loaded) | 53.9 km/h | 33.5 mph |
| 180° Curb-to-Curb Turning Width | 11.8 m | 38'7" |
| Tires: | | |
| Tractor Drive | 33.25R29**E3 | |
| Scraper | 33.25R29**E3 | |

Non Push-Pull

| | | |
|---|-----------|------------|
| Shipping Weight – 10% fuel | 40 041 kg | 88,275 lb |
| Operating Weight – full fuel empty load | 40 980 kg | 90,345 lb |
| Loaded, based on rated load | | |
| | 67 147 kg | 134,806 lb |
| Overall Length | 14.02 m | 45'10" |

Push-Pull

| | | |
|---|-----------|------------|
| Shipping Weight – 10% fuel | 41 387 kg | 91,243 lb |
| Operating Weight – full fuel empty load | 42 327 kg | 93,315 lb |
| Loaded, based on rated load | | |
| | 68 493 kg | 151,001 lb |
| Overall Length | 15.58 m | 51'1" |

Transmission

| | | |
|-----------|-----------|----------|
| Forward 1 | 5.0 km/h | 3.1 mph |
| Forward 2 | 8.9 km/h | 5.5 mph |
| Forward 3 | 12.1 km/h | 7.5 mph |
| Forward 4 | 16.3 km/h | 10.1 mph |
| Forward 5 | 21.9 km/h | 13.6 mph |
| Forward 6 | 29.6 km/h | 18.4 mph |
| Forward 7 | 39.9 km/h | 24.8 mph |
| Forward 8 | 53.9 km/h | 33.5 mph |
| Reverse 1 | 9.2 km/h | 5.7 mph |

Implement Cycle Times

| | |
|-----------------|-------------|
| Bowl Raise | 3.0 Seconds |
| Bowl Lower | 3.5 Seconds |
| Apron Raise | 3.0 Seconds |
| Apron Lower | 3.8 Seconds |
| Ejector Extend | 5.2 Seconds |
| Ejector Retract | 6.7 Seconds |
| Bail Raise | 1.8 Seconds |
| Bail Lower | 3.2 Seconds |

627 Wheel Tractor-Scraper Specifications

Service Refill Capacities

| | | |
|------------------------|----------|-----------|
| Crankcase: | | |
| Tractor | 37.0 L | 9.7 gal |
| Scraper | 24.5 L | 6.5 gal |
| Transmission System: | | |
| Tractor | 97.0 L | 25.5 gal |
| Scraper | 49.0 L | 12.9 gal |
| Cooling System: | | |
| Tractor | 42.0 L | 11.1 gal |
| Scraper | 41.0 L | 10.8 gal |
| Brake Cooling: | | |
| Scraper | 33.0 L | 8.7 gal |
| Final Drive: | | |
| Tractor | 19.0 L | 5.0 gal |
| Scraper | 19.0 L | 5.0 gal |
| Differential: | | |
| Tractor | 158.0 L | 41.7 gal |
| Scraper | 34.0 L | 8.98 gal |
| Diesel Exhaust Fluid*: | | |
| Tractor | 30.5 L | 8.1 gal |
| Scraper | 22.0 L | 5.8 gal |
| Fuel Tank | 1272.0 L | 336.0 gal |
| Hydraulic System | 83.0 L | 21.9 gal |
| Windshield Washer | 5.0 L | 1.3 gal |

*When equipped

Safety Criteria Compliance Standards

| | |
|---|---|
| Rollover Protective Structure (ROPS) | ISO 3471:2008 for up to 17 084 kg (37,664 lb) |
| Falling Objects Protective Structure (FOPS) | ISO 3449:2005 Level II |
| Brakes | ISO 3450:2011 |
| Steering System | ISO 5010:2019* |
| Seat Belt | ISO 6683:2005, SAE J386 |
| Reverse Alarm | ISO 9533:2010 |

*If equipped with optional secondary steering.

Air Conditioning System

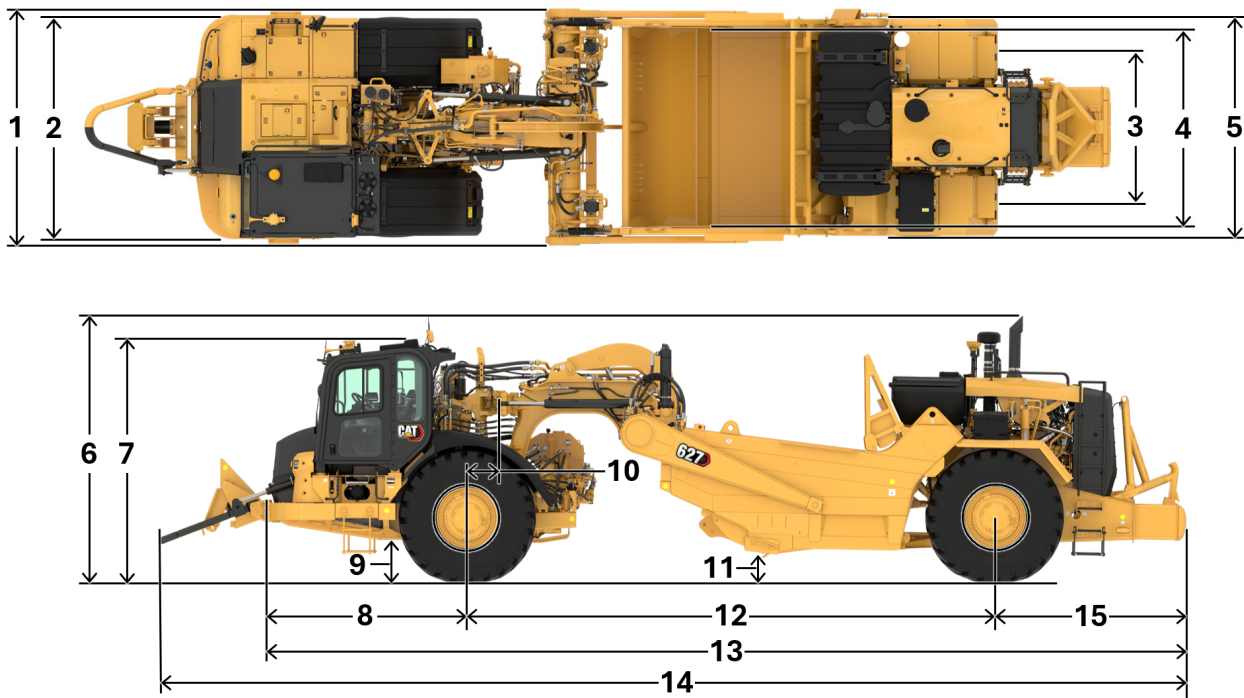
The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a or R1234yf. Refer to the machine labeling for identification of the gas.

- If equipped with R134a (Global Warming Potential = 1430), the system contains 1.9 kg (4.2 lb) of refrigerant which has a CO₂ 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 CO₂ equivalent of 0.001 metric tonnes (0.001 tons).

627 Wheel Tractor-Scraper Specifications

Dimensions

All dimensions are approximate.



| 627 | | |
|-----|-----------------------------------|-----------------------|
| 1 | Overall Machine Width | 3585 mm 141.1 in |
| 2 | Tractor Width | 3381 mm 133.1 in |
| 3 | Rear Tire Centers Width | 2290 mm 90.2 in |
| 4 | Inside of Bowl Width | 3048 mm 120.0 in |
| 5 | Outside of Bowl Width | 3250 mm 128.0 in |
| 6 | Overall Shipping Height | 4029 mm 158.6 in |
| 7 | Height to Top of Cab | 3714 mm 146.2 in |
| 8 | Front of Tractor to Front Axle | 3119 mm 122.8 in |
| 9 | Tractor Ground Clearance | 557 mm 21.9 in |
| 10 | Axle to Vertical Hitch Pin | 546 mm 21.5 in |
| 11 | Scraper Blade Height – Maximum | 540 mm 21.3 in |
| 12 | Wheelbase | 7998 mm 314.9 in |
| 13 | Overall Machine Length – Standard | 14 015 mm 551.8 in |
| 14 | Maximum Length – Push-Pull | 15 576 mm 613.2 in |
| 15 | Rear Axle to Rear of Machine | 2898 mm 114.1 in |

Rimpull-Speed-Gradeability Curves

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 = $40 \text{ kg/t} \div 10 = 4\%$ effective grade
(English: $80 \text{ lb} \div 20 = 4\%$)

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 627 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).

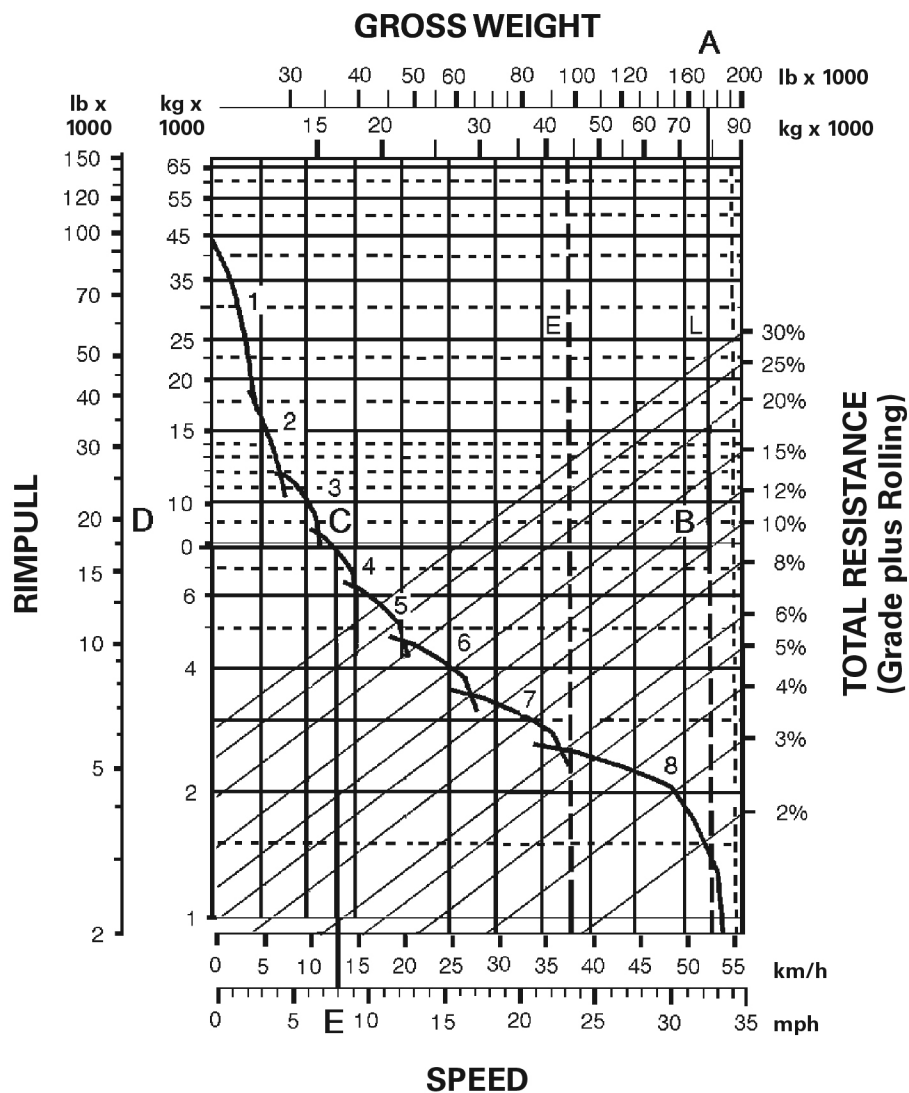
Go across horizontally from B to the rimpull scale on the left (point D). This gives the required rimpull: 7756 kg (17,100 lb).

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).

627 Wheel Tractor-Scraper Specifications

Rimpull-Speed-Gradeability Curves



Typical Fixed Times Retarder Curves

TYPICAL FIXED TIMES FOR SCRAPERS

(Times may vary depending on job conditions)

| Model | Loaded By | Load Time (Min.) | Maneuver and Spread or Maneuver and Dump (Min.) |
|--------|----------------|------------------|---|
| 623 | Self | 0.9 | 0.7 |
| 621 | One D8 | 0.5 | 0.7 |
| 627 | One D8 | 0.5 | 0.6 |
| 621 | One D9 | 0.4 | 0.7 |
| 627 | One D9 | 0.4 | 0.6 |
| 627/PP | Self | 0.9* | 0.6 |
| 631 | One D9 | 0.6 | 0.7 |
| 637 | One D9 | 0.6 | 0.6 |
| 631 | One D10 | 0.5 | 0.7 |
| 637 | One D10 | 0.5 | 0.6 |
| 637/PP | Self | 1.0* | 0.6 |
| 657 | One D11 | 0.6 | 0.6 |
| 657 | Push Pull Self | 1.1* | 0.6 |
| 637 | Coal | 0.8 | 0.7 |
| 657 | Coal | 0.8 | 0.6 |

*Load time per pair, including transfer time.

Note: Empty weights shown on the wheel tractor-scraper charts include ROPS cab. When calculating TMPH loadings, any additional weight must be considered in establishing mean tire loads.

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 627 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)

627 Wheel Tractor-Scraper Specifications

Retarder Curves

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 627 will descend the slope at 21.7 km/h (13.5 mph) in 5th gear. Travel time is 1.68 minutes.

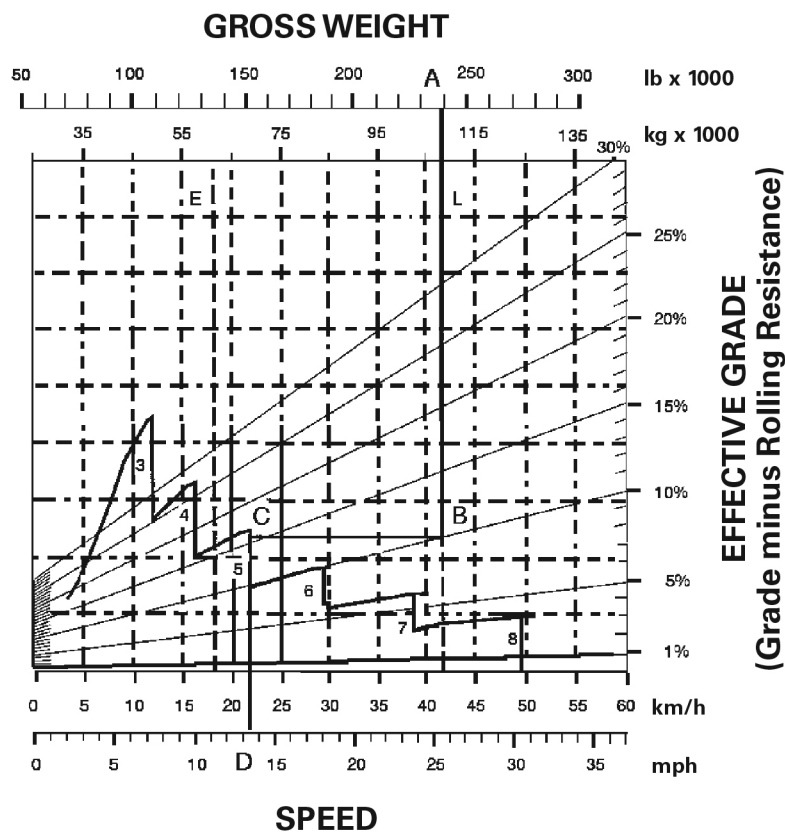
$$\frac{610 \text{ m}}{363 \text{ m/min}} = 1.68 \text{ min}$$

* (mph x 88 = F.P.M.)

$$\frac{2000 \text{ ft}}{13.5 \text{ mph} \times 88^*} = 1.68 \text{ min}$$

Note: The basic distance-speed-time formula is $60 D \div S = T$ (or “60 D Street”), where 60 is minutes, D is distance, S is speed, and T is time. In the above problem, $60 \times 610 \text{ m} \div 21.7 \text{ km/h} \times 1000 = T$.

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



KEY

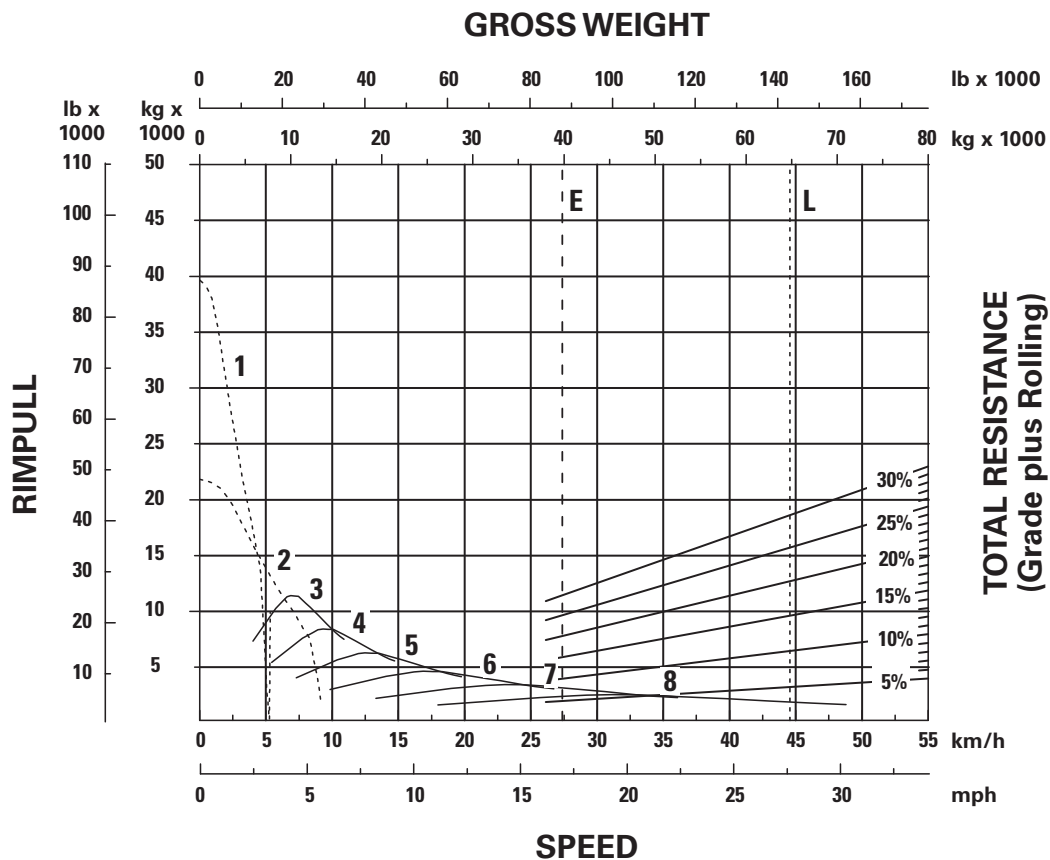
- 3 — 3rd Gear Direct Drive
- 4 — 4th Gear Direct Drive
- 5 — 5th Gear Direct Drive
- 6 — 6th Gear Direct Drive
- 7 — 7th Gear Direct Drive
- 8 — 8th Gear Direct Drive

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)

627 Wheel Tractor-Scraper Specifications

Rimpull-Speed-Gradeability – 33.25R29 Tires



KEY

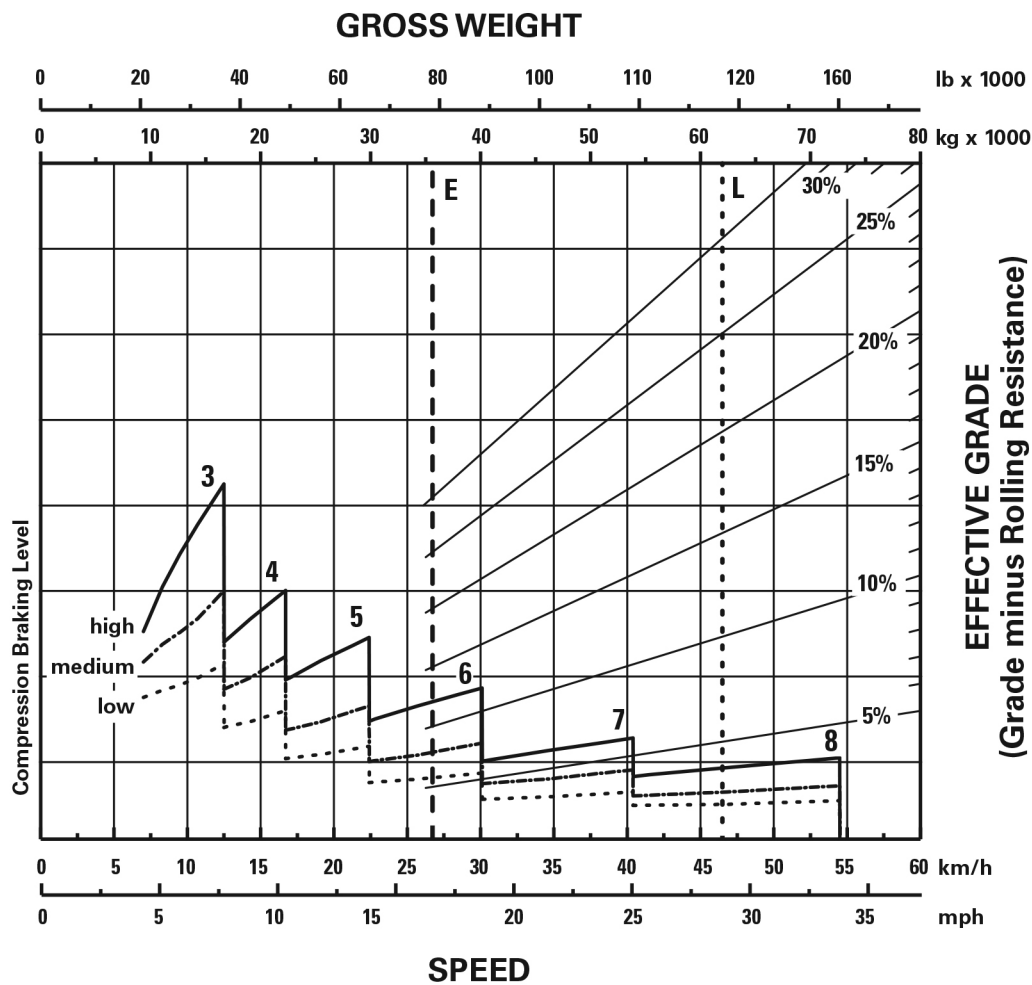
- 1 — 1st Gear Torque Converter Drive
- 2 — 2nd Gear Torque Converter Drive
- 3 — 3rd Gear Direct Drive
- 4 — 4th Gear Direct Drive
- 5 — 5th Gear Direct Drive
- 6 — 6th Gear Direct Drive
- 7 — 7th Gear Direct Drive
- 8 — 8th Gear Direct Drive

KEY

- E — Empty 39 866 kg (87,809 lb)
- L — Loaded 64 904 kg (143,009 lb)

627 Wheel Tractor-Scraper Specifications

Retarder Curve – 33.25R29 Tires



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 35 808 kg (78,943 lb)
- L — Loaded 61 935 kg (136,553 lb)

627 Wheel Tractor-Scraper Standard and Optional Equipment

Standard and Optional Equipment

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

| | Standard | Optional |
|--|----------|----------|
| POWERTRAIN – TRACTOR | | |
| Cat® C13 engine with Mechanically Actuated Electronic Unit Injection (MEUI™) | ✓ | |
| Cat engine brake | ✓ | |
| Differential lock | ✓ | |
| Electric start, 24V | ✓ | |
| Air cleaner, dry type with precleaner | ✓ | |
| Fan, hydraulic | ✓ | |
| Ground-level engine shutdown | ✓ | |
| Guard, crankcase | ✓ | |
| Muffler (U.S. EPA Tier 2 or U.S. EPA Tier 3 only) | ✓ | |
| 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, wet disc, hydraulic | ✓ | |
| 4-speed (torque converter drive), transmission planetary powershift | ✓ | |
| ELECTRICAL – TRACTOR | | |
| Alternator, 115 amp | ✓ | |
| Batteries (4), 12V, 1,000 CCA, maintenance free | ✓ | |
| Electrical system, 24V | ✓ | |
| Alarm, backup | ✓ | |
| Lighting system: LED low beam, high beam, and work lights | ✓ | |
| Starting/charging receptacle | ✓ | |

| | Standard | Optional |
|--|----------|----------|
| ELECTRICAL – SCRAPER | | |
| Alarm, backup | ✓ | |
| Lighting system: LED brake/turn indicators | ✓ | |
| 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 | ✓ | |
| Dome courtesy light | ✓ | |
| Horn, electric | ✓ | |
| T-handle implement control | ✓ | |
| Radio ready | ✓ | |
| 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 | ✓ | |
| Seat belt, static two-piece | ✓ | |
| Safety tab rocker switches | ✓ | |
| Seat – Cat Advanced Ride Management (ARM), Cat Comfort Series III, rotates 30 degrees | ✓ | |
| Steering wheel, tilt, telescoping, padded | ✓ | |
| Windows, right side emergency egress | ✓ | |
| Work Area Vision (3) Camera System | ✓ | |
| 254 mm (10 in) touchscreen information display | ✓ | |
| FLUIDS | | |
| Extended life coolant to -37° C (-34° F) | ✓ | |

627 Wheel Tractor-Scraper Standard and Optional Attachments

Standard and Optional Attachments

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

| | Standard | Optional | | Standard | Optional |
|--|----------|----------|--|----------|----------|
| OTHER STANDARD EQUIPMENT – TRACTOR | | | SPECIAL ARRANGEMENTS | | |
| Advanced cushion hitch | ✓ | | Push-pull | | ✓ |
| Accumulators (cushion hitch) with Canadian registration number (CRN) | ✓ | | STEERING ARRANGEMENTS | | |
| Fast oil change (engine) | ✓ | | Secondary steering (electrically powered) | | ✓ |
| Fenders, non-metallic | ✓ | | INTEGRATED TECHNOLOGIES | | |
| Heater, engine coolant 120V | ✓ | | Sequence Assist and Cat® Payload | ✓ | |
| Rims (2) | ✓ | | Product Link™ | | ✓ |
| Tow pin, front | ✓ | | Cat Grade, Cat Payload, Sequence Assist, and Load Assist | | ✓ |
| Vandalism locks | ✓ | | OTHER ATTACHMENTS | | |
| OTHER STANDARD EQUIPMENT – SCRAPER | | | Steering lock – external | ✓ | |
| Bowl: 18.4 m³ (24 yd³) – heaped, 13.0 m³ (17.1 yd³) struck | ✓ | | Cab beacon with air horn | | ✓ |
| Hydraulic position sensing cylinders (bowl lift and apron) | ✓ | | Cold start engine flywheel clutch | | ✓ |
| Fender, scraper | ✓ | | SERVICE INSTRUCTIONS | | |
| Bowl overflow guard | ✓ | | Film arrangement – U.S. (ANSI) | | ✓ |
| Fast-fill fuel tank | ✓ | | Film arrangement – International (ISO) | | ✓ |

627 Wheel Tractor-Scraper 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® C13 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 CO₂ 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 CO₂ 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

With cooling fan speed at maximum value:

Operator Sound Pressure Level (ISO 6396:2008) – 78 dB(A)

Exterior Sound Power Level (ISO 6395:2008) – 119 dB(A)

- The operator sound pressure level was measured according to ISO 6396:2008. The measurement was conducted at 100 percent 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 percent of the maximum engine cooling fan speed.
- Hearing protection may be needed when the machine is operated with a cab that is not properly maintained or when the doors or windows are 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
 - Automate repetitive tasks with Cat Sequence Assist to help reduce operator fatigue and rework caused during manual operation and to help reduce fuel burn and greenhouse gas emissions
 - Optional Load Assist helps shorten the learning curve for inexperienced operators
 - Advanced Productivity Electronic Control System (APECS) allows the engines and transmission to communicate on a high level to better utilize the power and torque
 - Optional Cat Grade helps operators of all skill levels avoid costly rework, wasteful fuel burn, and greenhouse gas emissions to execute the design plan with greater speed and accuracy
 - 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

For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at www.cat.com.

Materials and specifications are subject to change without notice. Featured machines in photos may include additional equipment. See your Cat dealer for available options.

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AEXQ2708-02 (08-2025)
Replaces AEXQ2708-01
Build Number: 11A
(Global, excluding Japan)

