

826G Series II Landfill Compactor



Engine

Engine Model	Cat® 3406E ATAAC Diesel	
Gross Power	283 kW	380 hp
Flywheel Power	253 kW	340 hp

Weights

Operating Weight	36 967 kg	81,498 lb
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826G Series II Landfill Compactor

Representing a long-standing commitment to quality and performance, this rugged, powerful machine is exclusively designed and purpose built for today's landfill applications.

Trash Protection and Cooling System

Numerous standard trash resistant features including a new sheet metal design and a swing-out radiator fan combined with six fins per inch advanced modular radiator cores to reduce production-robbing trash build-up and providing added cooling capacity. **pg. 4**

Wheels and Tips

Caterpillar® designed and manufactured steel wheels match the power train for durability you expect, combined with our standard Plus Tips or optional traction tips or chopper wheels will provide excellent traction and sidehill stability allowing the most productive and efficient compaction. **pg. 6**

Hydraulics

Innovative hydraulics play a key role in performance and low operator effort with increased flow rate resulting in faster hydraulics. XT-3™ and XT-5™ hose, O-ring face seals and large bore cylinders carry on the tradition of reliable, high-performance Caterpillar hydraulics. **pg. 7**

Serviceability

Many convenient service features such as hinged service doors, accessible scheduled maintenance points, conveniently located sight gauges and a separated cooling system make servicing easy. **pg. 13**

Complete Customer Support

Your Cat dealer is your one safe source for all your equipment needs. They offer a wide range of services that will fit your operation and keep you working longer with lower cost. **pg. 14**

The Power of One...

One manufacturer...

One dealer...

One source for all your warranty, parts and service needs.

The 826G Series II landfill compactor was conceived and designed to surpass any competitor with exciting innovations that exceed customer expectations for performance, reliability and operator comfort.



Power Train

The Cat 3406E diesel engine with EUI delivers increased power and combined with Electronic Clutch Pressure Control, planetary power shift transmission and heavy-duty final drives and axles, offers superior performance and reliability in the toughest landfill conditions. **pg. 8**

Operator Station and Controls

Experience a high level of productivity through Command Control steering with integrated transmission controls, fingertip blade controls, a large viewing area and spacious operator station, as well as an optional rubber-mounted glass cab for quick, easy window replacement. **pg. 10**

Landfill Features

The Cat Axle Guard System is standard along with blades to match your site requirements – from heavy-duty compaction operations to dozing refuse and keeping your tipping area clear. **pg. 12**

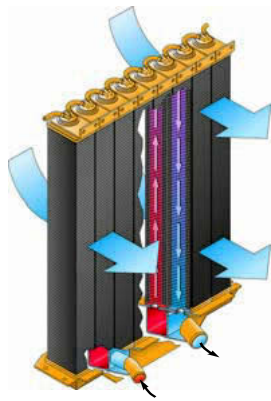


Trash Protection and Cooling System

Built to work in one of the toughest heavy equipment applications on the planet... the solid waste landfill.



Cooling System. The 826G Series II is designed specifically for landfill compactors operating at 100 percent engine load. At these conditions, the ambient capability is above the benchmark of 43 degrees C (110 degrees F), demonstrating the machine's purpose-built cooling system.



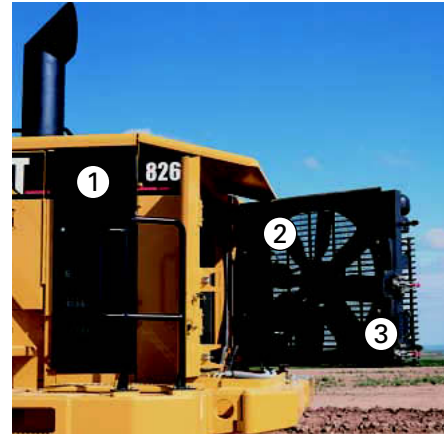
Advanced Modular Cooling System (AMOCS). The G-Series II cooling system has been upgraded to the Advanced Modular Cooling System (AMOCS). It is a Caterpillar exclusive technology that improves serviceability. The brass tubes on the AMOCS are straight and in-line, along with six fins per inch, making the radiator easy to keep clean. The tubes are welded to a large, thick header, providing the strength of the tube-header joint, reducing the possibility of coolant leaks.



Roof-Mounted Air Conditioner. Makes the rear cooling package easier to clean because the A/C core is removed from the rear. It also reduces the frequency of cleaning for the condenser core, providing better cooling to the cab for longer periods of time.



Hinged Oil Cooler Core. Swings out 30 degrees from the radiator for easier cleaning.



(1) Air Inlet Screen. Is vertically-corrugated, fine mesh to help reduce trash from entering the radiator area and allow debris to fall off.

(2) Auto-Reversing, Hydraulically-Driven Fan. Is an electronically controlled, hydraulically driven, on-demand fan system that reduces sound levels and increases fuel economy while providing maximum cooling efficiency by directing power through the system as needed. With electronic control of the continuously variable-speed, on-demand fan, temperature levels of the engine coolant, transmission oil, hydraulic oil and air inlet manifold are constantly monitored. This information is used to control and maintain fan speed at the level necessary to maintain normal system temperatures. It also reverses direction for 20 seconds every 30 minutes or manually from the cab, to purge the intake screens of debris.

(3) Swing-Out Radiator Fan. The fan can swing out 65 degrees to provide access to the cooling cores from the side opposite the direction of airflow. This is the ideal side from which to clean the radiator and enables the system to be accessed wrench-free and cleaned in 15 minutes or less.



Electrically Actuated Engine and Power Train Guards. Guards help prevent trash build-up and shield components from demolition debris, trash, wire, rebar and chemicals while allowing access for the cleaning and maintenance.



Hitch Pin Retainer Guard. Extends from the front belly toward the hitch to protect the hitch pin retaining plate from wear and sudden impact.



Hydraulic Tank and Steering Cylinders. Are guarded to resist damage. The oil sight gauge is visible for easy checking.



(1) Cab Bottom Guard. Protects hoses and wires beneath the cab from damage due to flying debris and waste.

(2) Striker Bars. Located in front of and behind the rear wheels and behind the front wheels provide protection from trash that can be thrown or carried by the wheels. Optional cleaner fingers provide maximum capability to maintain clean Plus Tip wheels in the most severe packing conditions.



Rear Access Walkover Stairway. Provides easy access to the operator's station. Optional swing-out stairway provides for unparalleled access for wheel inspection and cleanout, engine service and preventative maintenance.



Front Frame Guards. Prevent trash build-up inside the frame that could harm hydraulic lines. The lift lines are in a higher location where damage from debris is less likely.

Wheels and Tips

Caterpillar offers a choice of tips and blades welded on our own steel wheels that will fit your needs. No matter what your choice may be, it is part of the total system our compactors offer: maximum production, performance and compaction.

Standard Equipment. The standard machine offering is the long-life Plus Tip that provides excellent traction and side-hill stability with a self-cleaning layout that resists plugging or the self-cleaning chopper blades for shredding material, the special application traction tip. All choices are specifically designed for our Caterpillar steel wheels.



Plus Tips. With Abrasion-Resistance Material (ARM) have a plus-shaped design for superior compaction and sidehill stability on sloped material. A widely spaced tip pattern require fewer tips than competitors and results in less plugging, lower replacement cost and maximum compaction. Plus Tips are guaranteed for 10,000 hours or four years of wear life. They offer the lowest cost per hour of any compactor tips in the industry.



Self Cleaning Chopper Wheels.

Are designed to deliver maximum compaction and traction. Aggressive chopping action is provided by 24 blades per wheel. Heat-treated DH-2, Abrasion Resistant Material steel blades provide longer wear. The staggered chevron blade arrangement evenly distributes chopping coverage. Blade center gussets help assure maximum refuse demolition. Blades are mounted differently on the front and rear wheels to maximize chopping and compaction in both forward and reverse.



Weld-On Traction Tips. Are designed for landfill applications where maximum traction is required. These tips perform best in frozen or other difficult to penetrate applications. Designed and built to Caterpillar standards, these tips are forged for maximum strength and Abrasion Resistant Material is applied to critical wear areas.

Smooth Wheel Option. If our tip selection does not meet your needs, consider our Caterpillar smooth steel wheel. We test and build a Caterpillar system. Engineers who work together with our power train, structures and manufacturing engineers design and manufacture our wheels in the same facility in which the machines are designed and built. This ensures the entire system is complemented by each component. If you alter components, you could compromise a system that was designed and tested for peak performance. If a wheel is produced that does not meet our design specifications and does not balance the load over our final drives, it could reduce the life of the bearing substantially and wear out other components creating unnecessary downtime. This also allows our standard axle guard system to work with the components for which it was designed.

Hydraulics

Well-balanced hydraulics deliver precise, low-effort control and trouble-free operation.

Hydraulic System. Provides low-effort blade control. Seat-mounted levers send electrical signals to a pilot valve mounted on the front frame. This moves the sound, heat and effort caused by a hydraulic valve out of the operator's station.

Command Control Steering. A mechanical feedback system combines with valve ratio to provide quarter-turn, side-to-side steering. Unlike systems that rely on steering wheel velocity to activate steering cylinders, this system directly links steering wheel position to articulation. The speed the machine turns is proportional to the steering wheel position. The benefit is precise control, quicker response and dramatically reduced operator motion and effort.

Hydraulic Power Steering. Features center-point frame articulation that permits the front and rear wheels to track. Hydraulic power is a flow-amplified system, with full-flow filtering. The steering wheel operated pilot valve controls flow to the steering cylinders. The steering angle is $\pm 42^\circ$.

Load Sensing Steering. Maximizes machine performance by directing power to the steering system only when the operator steers the machine. This allows more power to be applied to the ground when the machine is not being steered. It also helps decrease fuel consumption because the steering system does not constantly draw on the engine.



Positive-Displacement Hydraulic Pumps. Perform with high efficiency and great reliability. For improved serviceability, all hydraulic pumps are mounted on a single pump drive.

Lift Lines. Are located in a high location above the cylinder yoke where damage from debris is less likely.

XT-3 and XT-5 Hose. Along with O-ring face seals and a large capacity lift cylinder top off the hydraulic system, delivering the performance and durability owners expect. Reliable components reduce the risk of leaks and blown lines, helping protect the environment and reducing operating costs.

Power Train

Delivers top performance and durability in tough applications.



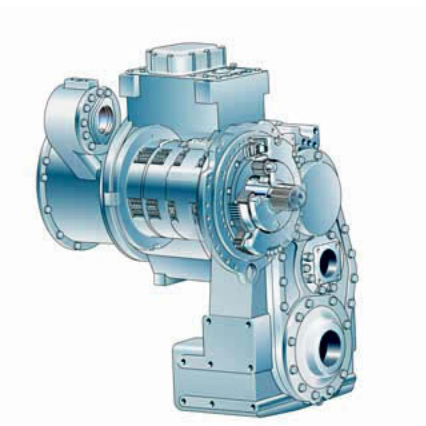
Caterpillar 3406E Engine. Is a six-cylinder, turbocharged, air-to-air aftercooled (ATAAC), Electronic Unit Injection (EUI) engine and one of the most developed and proven engines offered by Caterpillar. It has a strong reputation for reliability, durability and performance.

- The 3406E delivers a full-rated net power of 283 kW (380 hp). High torque rise delivers performance you can feel, resulting in more rimpull, greater lift force and faster cycle times.
- The four stroke engine delivers fuel economy, durability and reliability in the most demanding conditions. Improved intake and combustion chamber designs help meet the latest emission standards.
- Resilient engine mounts dampen vibration for lower sound levels.
- Meets U.S. Environmental Protection Agency Tier 2 emissions regulations and Stage II EU Emissions Directive 97/68/EC.

Engine Lubrication. Engine lubricating oil is both filtered and cooled and supplied by a gear-type pump.

Electronic Unit Injector (EUI). Is a high-pressure, direct injection fuel system that is virtually adjustment-free. It electronically monitors operator and sensor inputs to optimize engine performance.

ADEM™ III Electronic Control Module. Along with the Caterpillar Monitoring System controls all major engine functions and regulates the timing, duration and pressure of the injected fuel. ADEM III also offers automatic altitude compensation, a cold mode start-up strategy and oil pressure and coolant warnings which result in precise engine speed control, superior cold start capability, low smoke and emissions in all operating conditions.



Transmission. The Caterpillar planetary, powershift transmission features heavy-duty components to handle the toughest jobs. Electronic controls provide features to enhance productivity, durability and serviceability. The addition of the Electronic Clutch Pressure Control (ECPC) contributes to improved shift quality, reduced torque spikes and overall transmission durability.

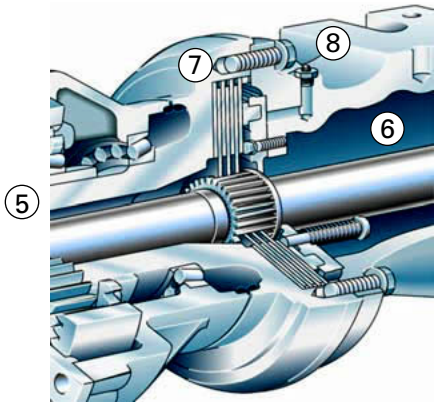
Torque Converter. The torque converter uses a high-capacity impeller to handle the engine's increased torque rise (28 percent) and power.

(1) Heavy-Duty Axles. Are fixed on the front and oscillating ± 5 degrees on the rear. They feature strong gears and bearings in both the differentials and heavy-duty final drives for increased durability. Permanently lubricated, maintenance-free U-joints result in fewer parts and improved serviceability. Free-floating axle shafts can be removed independently from the wheels and planetary final drives.

Gears and (2) Shafts. Large, shot-peened gears and increased bolt capacity improve the durability of the standard differentials. Axle shafts are stronger and feature more splines to help spread the load.

Spindles and (3) Final Drives. Reduce the number of parts and greatly improve serviceability, allowing easier access to the duo-cone seals without removing the center housing from the machine. Planetary units can be removed independently from the wheels and brakes. The final drives feature planetary reduction at each wheel, and with torque developed at the wheel, less stress is placed on the axle shafts.

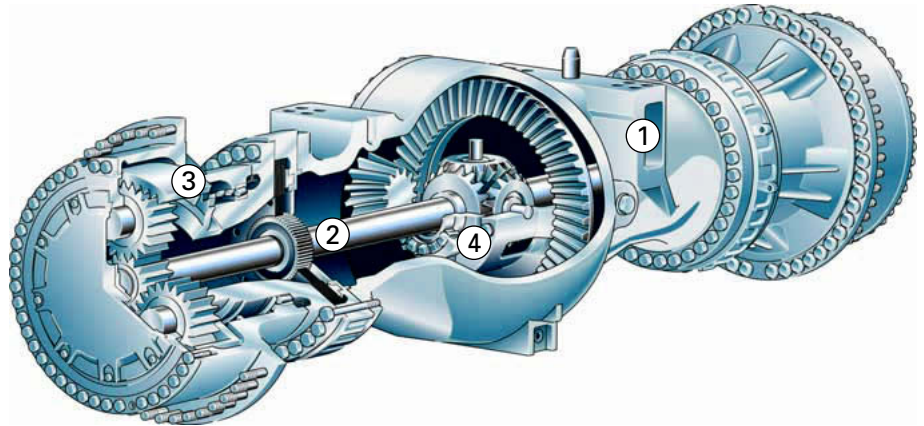
(4) Differentials. Are conventional in the front and No-SPIN on the rear to deliver maximum traction in low traction or inconsistent ground conditions.



(5) Oil-Enclosed, Multiple Disc Brakes.

Feature fewer parts, better heat rejection and improved serviceability. Fully hydraulic actuator circuits improve performance and reliability.

- Brakes operate on the low torque side of the final drive, requiring less force, resulting in less heat buildup.
- Improved axle oil circulation (6) provides additional cooling to the (7) brake discs. A combination of thicker reaction plates and improved cooling improve durability.



- Fewer parts and brake disc location improve serviceability by allowing technicians to remove the spindle, final drive and brake pack as one unit without disturbing the wheel bearings.
- Internal brake lines increase reliability and performance.

(8) Service Brakes. Are completely enclosed and located on the two front wheels. The service brakes are also self-adjusting with modulated engagement and are designed for easy servicing. With two brake pedals, the right pedal controls standard braking while engine deceleration and braking occurs with the left pedal.

Parking Brake. Is a spring-applied, oil-released, dry drum design. It is mounted on the transmission output shaft driveline for manual operation. The Caterpillar Monitoring System alerts the operator if the transmission is engaged while the parking brake is applied.

Secondary Brake. Can be applied manually by the operator. In addition, the Caterpillar Monitoring System alerts the operator if pressure drops and will automatically apply the parking brake.

Operator Station and Controls

Ergonomically designed for operator comfort with low-effort controls increases efficiency and productivity.





Two Types of Mounted Windows.

Standard bonded glass in the front window (left) improves the viewing area or the optional rubber mounted glass cab (above) facilitates quick window replacement when broken glass is a problem.

Radio-Ready. Includes 12-volt converter, speakers, antenna, all wiring and brackets for communications or entertainment radio installation.

Right and Left Front-Hinged Doors.

Provide a walk-through operator's station. Both doors can be opened. The addition of the stairways and improved platforms also makes entry and exit easier.

Sound Levels. A thick, non-metallic floor, along with outside the cab hydraulics and a separated cooling system contribute to a quiet work environment.

Storage Space. With room for a lunch cooler, thermal bottle, cup and other personal items. There is also a coathook.

Caterpillar Comfort Series Seat.

Provides comfort and support with six-way adjustment. The seat cushions reduce the pressure on the lower back and thighs, while offering unrestricted arm and leg movement. Air suspension adds to the overall comfort level by smoothing the ride over rough terrain.



Caterpillar Monitoring System. Provides four gauges on the left side of the dash monitoring fuel level; engine coolant, hydraulic oil and transmission oil temperatures. The center panel contains the tachometer/speedometer. The right side panel contains a three-level warning system, providing full-time monitoring of key functions. The system alerts the operator of immediate or impending problems with air inlet temperature, brake oil pressure, electrical system low voltage, engine oil pressure, engine overspeed, fuel filter status, parking brake status, steering oil pressure and transmission filter status.

Ventilation Ducts and Vents. Provide more air flow to the operator and windows. Post-mounted vents direct air to the rear window.

Air Conditioning. Uses blended air for immediate temperature changes, clears windows with ease and improves operator comfort. The system is located behind the operator's seat and uses R134a refrigerant.

Dual Pedal Braking. Is available by using the right pedal for standard braking or the left pedal for engine deceleration for the first 50 percent of travel then the brake engages.

Throttle Lock. Allows the operator to preset the engine speed for operator and machine efficiency (similar to cruise control on an automobile).

Reversing Fan Selection Switch.

Allows the operator to reverse the radiator fan if conditions necessitate reversals more frequently than automatically timed reversals.

Landfill Features

Heavy-duty guarding and other features protect the machine and components from trash and debris.

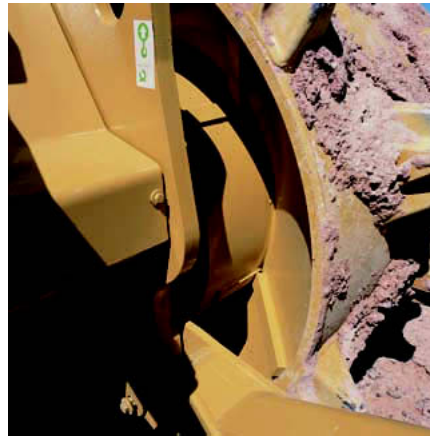


New Metal Engine Enclosure.

Completely redesigned metal engine enclosure, framing and service doors provide the durability and serviceability required for the abusive landfill application.

Straight Blade. Ideal for most waste management applications.

- Built to withstand the rigors of heavy-duty dozing.
- Versatile blade for most applications.
- Trash rack design provides excellent visibility and load-carrying capability.
- Design incorporates Cat cutting edges.



Cat Axle Guard System. Protects final drives, planetaries and seals from damage caused by wire, cable plastics or other materials that can wrap or become packed around axle components.

- Guarding increases axle circumference to avert stringy materials from wrapping and encircling the axle.
- Extended rim wheels further help to seal out materials that cling to wheel or axle surfaces.
- Recessed bolt heads reduce snagging of stringy or stranded materials.
- System reduces the need for periodic cleaning of axle assemblies.

Axle Guard System Design. The Axle Guard System is comprised of three basic components:

- Frame bosses welded to the frame.
- Bolt-on guarding assemblies mounted onto the frame bosses and frame.
- Rim extensions welded directly to the wheel rims.



Optional Front Window Guard. An all new, tubular steel guard across the bottom of the front cab glass prevents large debris from damaging the lower portion of the front windows.

Optional Sound Suppression. Engine enclosure padding added for reduced exterior noise levels.

See your Caterpillar dealer for these and other specialty attachments.

Serviceability

If maintenance is simple and accessible, it gets done.



Daily Maintenance. Lockable ground level service doors give quick access to engine oil fill and dipstick, coolant sight gauge, rear frame grease fittings, relay panel and electrical breakers. The transmission oil fill tube is located beneath the platform area and the transmission oil dipstick has a sight gauge next to the fill tube. All four maintenance-free batteries are secure in a built-in battery box in the right rear frame. U-joints are lifetime lubricated, leaving the slip joint as the only driveline component needing grease.

Engine Access. All metal engine enclosure and hinged access doors allow for easy daily maintenance and inspection.

Service Access. Scheduled maintenance points are well within reach. An air filter service indicator is visible from the cab or platform, with the air filter accessible from the left platform and the engine oil filter from the right platform. A remote grease fitting is provided to lubricate the lift cylinder yoke. Removable treadplates in the platform give access to less commonly serviced components.

Transmission Oil Fill Tube. Is located, along with the sight gauge, under the platform area for easy maintenance.



Swing-Out Stairs (optional). Located on both sides of the 826G Series II offer easy access for wheel inspection and cleanout, engine service and preventative maintenance.



Separated Cooling System. Isolates the fan and radiator away from the engine for a quieter running machine. The oil cooler and reversible fan swing away for easy cleaning. AMOCS reduces radiator repair time.

Caterpillar Monitoring System. Provides diagnostics that allow technicians to review a machine's operation and quickly troubleshoot problems. Operating parameters, diagnostic codes and out-of-range gauge readings are displayed through the diagnostic connector. There are also pressure taps for easy hydraulic system checks.

Operator Station. Can be removed or replaced in about 45 minutes without having to disconnect hydraulic lines. Quick disconnect couplings allow fast disconnect of the air conditioning unit without releasing refrigerant.

Complete Customer Support

Caterpillar dealers are the landfill equipment experts.



Machine Selection. Make detailed comparisons of the machines under consideration before purchase. Cat dealers can estimate component life, preventative maintenance cost and the true cost of lost production.

Purchase. Look past initial price. Consider the financing options available as well as day-to-day operating costs. Look at dealer services that can be included in the cost of the machine to yield lower equipment owning and operating costs over the long run.

Customer Support Agreements.

Cat dealers offer a variety of product support agreements and work with customers to develop a plan that best meets specific needs. These plans can cover the entire machine, including attachments, to help protect the customer's investment.

Product Support. You will find nearly all parts at our dealer parts counter. Cat dealers use a worldwide computer network to find in-stock parts to minimize downtime. Save money with genuine Cat Reman parts. You receive the same warranty and reliability as new products at cost savings of 40 to 70 percent.

Operation. Improving operating techniques can boost your profits. Your Cat dealer has training video tapes, literature, application and equipment training courses and other ideas to help you increase productivity.

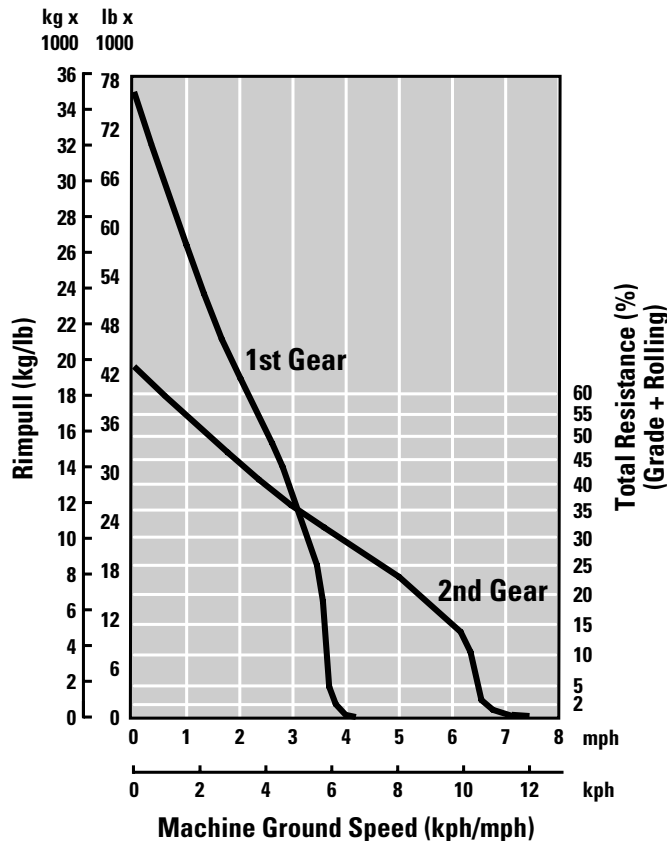
Maintenance Services. More equipment buyers are planning for effective maintenance before buying equipment. Choose from your dealer's wide range of maintenance services at the time you purchase your machine. Repair option programs guarantee the cost of repairs up front. Diagnostic programs such as S-O-SSM and Coolant Sampling and Technical Analysis help you avoid unscheduled repairs.

Replacement. Repair, rebuild or replace? Your Cat dealer can help you evaluate the cost involved so you can make the right choice.

Engine

Engine Model	Cat 3406E ATAAC Diesel	
Gross Power	283 kW	380 hp
Flywheel Power	253 kW	340 hp
Net Power ISO 3046-2	253 kW	340 hp
Net Power ISO 9249	253 kW	340 hp
SAE J1349	253 kW	340 hp
EEC 80/1269	253 kW	340 hp
DIN 70020	327 PS	
Peak Torque (Net) @ 1200 RPM	1671 N•m	1232.5 ft•lb
Torque Rise	28 %	
Bore	137 mm	5.4 in
Stroke	165 mm	6.5 in
Displacement	14.6 L	893 in ³

- Meets U.S. Environmental Protection Agency Tier 2 emissions regulations and Stage II EU Emissions Directive 97/68/EC.



Transmission

Forward 1	5.8 kph	3.6 mph
Forward 2	9.7 kph	6 mph
Reverse 1	6.6 kph	4.1 mph
Reverse 2	10.6 kph	6.6 mph

Hydraulic System

Vane Pump Output @ 2000 RPM and 6900 kPa (1000 psi)	102 L/min	26.5 gal/min
Relief Valve Setting	24 100 kPa	3,500 psi
Lift Cylinder Bore × Stroke	114.3 mm × 576 mm	4.49 in × 22.68 in

Axles

Front	Planetary – Fixed
Oscillating Rear	Planetary – Oscillating ±5°

Brakes

Standards	Meet OSHA, SAE J1473 Dec 84, ISO 3450-1985 standards.
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Wheels – Plus Tip Teeth with Abrasion Resistant Material (ARM)

Drum Width	1200 mm	3.94 ft
Drum Diameter	1532 mm	5.03 ft
Diameter with Tips	1850 mm	6.07 ft
Tips per Wheel	25	

Wheels – Traction Tip Wheel with Abrasion Resistant Material (ARM)

Drum Width	1200 mm	3.94 ft
Drum Diameter	1532 mm	5.03 ft
Diameter with Tips	1732 mm	5.7 ft
Tips per Wheel	45	

Wheels – Chevron-Pattern, Chopper Blades

Drum Width	1200 mm	3.94 ft
Drum Diameter	1532 mm	5.03 ft
Diameter with Blades	1850 mm	6.07 ft
Blades per Wheel	25	

- Other wheel options available through customizing.

Straight Blade

Width Over End Bits	4502 mm	14.77 ft
Moldboard Length	4287 mm	14.06 ft
Height	1898 mm	6.23 ft
Lift Speed at Rated RPM	440 m/sec	1.42 ft/sec
Cutting Edges (2), Reversible, End Section Length (Each)	1773.4 mm	5.83 ft
Cutting Edges (2), Reversible, Width × Thickness	254 mm × 25 mm	10 in × 1 in
End Bits (2), Self-sharpening, Length (Each)	472 mm	19 in
End Bits (2), Self-sharpening, Width × Thickness	254 mm × 25 mm	10 in × 1 in

- See your Cat dealer for other blade options.

Service Refill Capacities

Fuel Tank	630 L	166.5 gal
Cooling System	83 L	21.9 gal
Crankcase	34 L	9 gal
Transmission	62 L	16.4 gal
Differentials and Final Drives – Front	90 L	23.8 gal
Differentials and Final Drives – Rear	90 L	23.8 gal
Hydraulic Tank	88 L	23.2 gal

Weights

Maximum Operating Weight	36 967 kg	81,498 lb
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- Machine configured with heaviest options, 80 kg (176 lb) operator and full fuel tank.

Cab

ROPS/FOPS	Meets SAE and ISO standards.
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- Caterpillar cab and Rollover Protective Structure/Falling Object Protective Structure (ROPS/FOPS) are standard in North America, Europe and Japan.
- Standard air conditioning system contains environmentally-friendly R134a refrigerant.
- ROPS meets SAE J394, SAE 1040 APR88 and ISO 3471-1986 standards.
- FOPS meets SAE J231 JAN81 and ISO 3449-194 standards.

Sound Performance

Standards	Meets ANSI/SAE and ISO standards.
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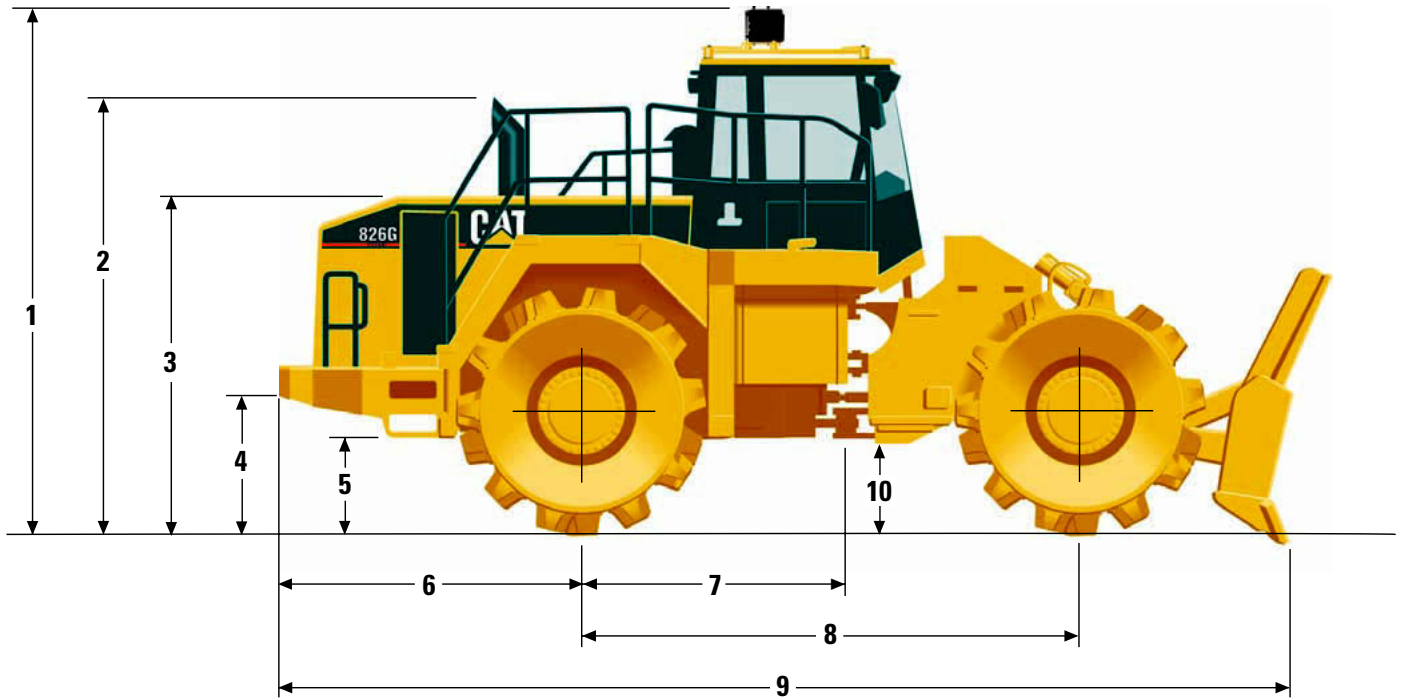
- The operator sound exposure Leq (equivalent sound pressure level) measured according to the work cycle procedures specified in ANSI/SAE J1166 OCT98 is 80 dB(A), for the cab offered by Caterpillar, when properly installed, maintained and tested with the doors and windows closed.
- Hearing protection 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 noisy environment.
- The exterior sound pressure level for the standard machine measured at a distance of 15 m (49.2 ft) according to the test procedures specified in SAE J88 JUN86 mid-gear-moving operation is 80 dB(A).
- The sound power level for the following configurations when measured according to the static test procedure and conditions specified in ISO 6393:1988 are:
 - Standard Configuration 111 dB(A)
 - Optional Sound Suppression 109 dB(A)

Dimensions

Width over Wheels	3800 mm	12.47 ft
Width over Endbits (Blade)	4502 mm	14.77 ft
Turning Radius – Inside	3221 mm	10.58 ft
Turning Radius – Outside	7333 mm	24.06 ft

Dimensions

All dimensions are approximate.



1	Height to Top of Cab with A/C	4191.1 mm	13.75 ft
2	Height to Top of Exhaust Pipe	3830 mm	12.57 ft
3	Height to Top of Hood	2700.51 mm	8.86 ft
4	Ground Clearance to Counterweight	1032.5 mm	3.38 ft
5	Height to Bottom of Ladder	709.9 mm	2.33 ft
6	Center Line of Rear Axle to Edge of Counterweight	2624 mm	8.61 ft

7	Center Line of Rear Axle to Hitch	1850 mm	6.07 ft
8	Wheelbase	3700 mm	12.14 ft
9	Length with Blade on Ground	8268 mm	27.13 ft
10	Ground Clearance	489 mm	1.6 ft

Standard Equipment

Standard equipment may vary. Consult a Caterpillar dealer for specifics.

Electrical

- Alarm, back-up
- Alternator (75-amp)
- Batteries, maintenance-free (heavy-duty)
- Diagnostic connector
- Starting and charging system
- Electrical system (24-volt)
- Lighting system, halogen (front and rear)
- Lockable master disconnect switch
- Starter, electric (heavy-duty)
- Starting receptacle for emergency starting

Guards

- Axle guards (front and rear)
- Guards, powered (crankcase and power train)

Operator Environment

- Air conditioner, roof mounted
- Blade control system locks
- Cab, pressurized and sound suppressed
 - ROPS/FOPS
 - Radio-ready (entertainment) includes antenna, speakers and converter (12-volt, 5-amp)
 - Right and left front hinged doors
- Cigar lighter and ashtray
- Coat hook
- Command Control steering
- Electro-hydraulic blade controls
- Gear selection display
- Heater and defroster
- Horn, electric
- Hour meter display
- Light, dome (two in cab)
- Lunchbox and beverage holders
- Mirrors, rearview (externally mounted)
- Monitoring system
 - Instrumentation, Gauges:
 - Engine coolant temperature
 - Fuel level
 - Hydraulic oil temperature
 - Speedometer/Tachometer
 - Transmission oil temperature
 - Instrumentation, Warning Indicators:
 - Air inlet temperature
 - Brake oil pressure
 - Electrical system, low voltage
 - Engine oil pressure
 - Engine overspeed
 - Fuel filter status
 - Parking brake status
 - Steering oil pressure
 - Transmission filter status
- Seat belt, retractable, 76 mm (3 in) wide
- Wet-arm wipers/washer (front and rear)
 - Intermittent front wiper

Power Train

- Brakes, fully hydraulic, enclosed, wet multiple disc
- Cat axles (outboard final drives and No-SPIN differential [rear] standard)
- Engine, Cat 3406E with ATAAC diesel
- Fan, radiator, hydraulically-driven (automatically reversible)
- Fuel priming aid
- Muffler, sound suppressed
- Precleaner, engine air intake
- Radiator, Advanced Modular Cooling System (AMOCS), six fins per inch
- Starting aid (ether)
- Switch, transmission neutralizer lockout
- Torque converter
- Transmission, planetary with (2F/2R) electronic clutch pressure control
- Other Standard Equipment
 - Bumper, extended full width for radiator protection
 - Caterpillar O-ring face seal couplings
 - Coolers
 - Engine oil, hydraulic oil and transmission oil
 - Hitch, drawbar with pin
 - Hood, metallic with lockable service doors
 - Oil sampling valves
 - Rear egress, left and right side
 - Striker bars, full coverage
 - Wheels, (1219 mm [48 in]) with long-life weld-on Plus Tips with rim extensions
 - XT hoses
- Bulldozers
 - Bulldozer blade, hydraulics and linkage are not included in standard equipment.
- Antifreeze
 - Premixed 50 percent concentration of Extended Life Coolant with freeze protection to -34°C (-29°F)

Optional Equipment

*Optional equipment may vary. Consult your Caterpillar dealer for specifics.
All weights approximate.*

Straight bulldozer blade – 2631 kg (5800 lb)
Rubber mounted glass cab – 14 kg (30 lb)
Swing-out stairways – 1515 kg (687 lb)
Front window guard – 24 kg (53 lb)
Cleaner fingers for Plus Tip wheels – 1001 kg (2207 lb)
Turbine precleaner – 13 kg (29 lb)
Differentials, No-SPIN, front – 3 kg (7 lb)
Fast fill system
 Fuel – 4 kg (9 lb)
 Oil – 1 kg (3 lb)
Heater, engine coolant – 2 kg (4 lb)

Mirrors, interior mounted – 5 kg (11 lb)
Sound suppression – 103 kg (227 lb)
Wheels (four combined)
 Chopper blade – 530 kg (1168 lb)
 Traction tip – 308 kg (680 lb)
 Various wheels, see price list

Field Installed Attachments

Axle guards
 Front – 417 kg (920 lb)
 Rear – 499 kg (1100 lb)
Cleaner fingers – 1001 kg (2207 lb)

826G Series II Landfill Compactor

AEHQ5455-01 (4-02)

Replaces AEHQ5455

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

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