836H
Landfill Compactor

Engine

<table>
<thead>
<tr>
<th>Engine Model</th>
<th>Cat® C18 ACERT™</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gross Power</td>
<td>414 kW 555 hp</td>
</tr>
<tr>
<td>Direct Drive – Gross Power</td>
<td>390 kW 523 hp</td>
</tr>
<tr>
<td>EEC 80/1269</td>
<td>373 kW 501 hp</td>
</tr>
</tbody>
</table>

Weights

| Operating Weight | 55 604 kg 122,586 lb |
836H Features

Landfill Specific Features – Productivity
It’s about having the right machine on your landfill, so the Cat 836H offers landfill specific features to ensure you get maximum production.

Waste Protection – Reliability
The 836H offers field proven components and systems, high hour machine life standards and multiple rebuild options for continued uptime and long machine life.

Efficiency
From everyday production to daily maintenance, the 836H offers features to minimize cost.

Operator Comfort
The Cat 836H has been ergonomically designed to enhance operator comfort, allowing for higher operating efficiencies and production.

Serviceability
Designed to ensure minimal downtime with attention to ground level access and grouped service points, the 836H maximizes production and minimizes service time.

Sustainability
With a number of features and options that lower customer cost and waste, the 836H can assist you in being an environmental steward.

Safety
The 836H offers a number of features that optimize visibility, allow for safe machine service and enhance operator health and well-being.

Contents
Landfill Specific Features ......................... 3
Waste Protection ......................................... 4
Efficiency .................................................... 5
Operator Comfort ...................................... 6
Technology Solutions ................................ 7
Wheels and Tips ........................................... 8
Serviceability ............................................. 9
Customer Support ..................................... 10
Sustainability ............................................ 11
Safety ......................................................... 12
836H Landfill Compactor Specifications ....... 13
836H Standard Equipment .......................... 17
836H Optional Equipment .......................... 18
Notes ....................................................... 19

For almost 20 years the Cat® 836 landfill compactor has been proven in the field, helping customers achieve top efficiency and productivity while keeping costs down. With the Cat 836H Landfill Compactor, you get more than a purpose-built machine for high-density compaction and production but a compactor that leads in uptime, safety, serviceability, and sustainable options. With the recent update of the 836H, Caterpillar continues the tradition of incorporating customer driven enhancements that improve our customer’s bottom line.
Landfill Specific Features
Designed with the right features to meet the daily demands of your landfill

Mechanical Drive Power Train
Caterpillar’s Mechanical Drive Power Train is highly engineered and precision manufactured for the harsh waste handling environment. The all Caterpillar designed mechanical power train delivers more power to the ground for greater productivity and at a lower operating cost per hour than other systems in the same application. The highly engineered components of the Cat mechanical drive system are designed for maximum performance and life, and unlike other technologies, the power transfer remains constant over the years and wear to the system will not result in a loss of productivity or efficiency.

New Belly Guard
Continually bringing value to our customers. Caterpillar has updated the 836H with a new belly guard. Focusing on areas that can drive your operating cost, this new belly guard was developed to improve wear life on key components; minimize the amount of larger debris; improve serviceability to ensure safety and ease of service; and potentially lower operating cost.

Additional Benefits:
• Structurally enhanced guards capable of withstanding four times the impact forces caused by waste debris
• Improved guarding on the hitch, center axle housing, and rear trunnions
• Improved serviceability requiring only one service technician for clean out, improved access, and ease of lowering the belly guard.

Engine
The Cat® C18 engine with ACERT™ Technology is U.S. EPA Tier 3 and EU Stage III compliant. It features increased horsepower and efficient fuel management for quick response, high productivity and exceptional service life.

Auto-Reversing, Hydraulically-Driven Demand Fan
A speed controlled hydraulic fan provides maximum cooling efficiency by adjusting fan speed based on the system’s temperature. This results in reduced power draw on the engine, better fuel efficiency and more power for hydraulics and rimpull. The fan can also be reversed manually from the cab.
Guarding

Working in the toughest application, the purpose built 836H Landfill Compactor has specialized waste guarding to protect key components and systems from damage, debris, chemicals, premature wear, or wrapping of the material around components. This additional guarding includes:

- **Engine and Power Train Guards.** Hydraulically-actuated guards help prevent trash build-up and shield components.
- **Front Frame Guards.** Front frame guards prevent trash build-up inside the frame. This guard further protects components and hydraulic lines.
- **Axle Wrapping and Seal Guarding.** The guarding prevents material from wrapping and binding around the axles, as well as assist in ease of cleaning.
- **Major system guarding and sight gauges.** The hydraulic tank, the hydraulic system fill tube, and transmission fill tube are guarded to resist damage from debris. The sight gauges for the hydraulic and transmission are easily visible from ground level. The fuel tank fast fill tube attachment, and tank are positioned away from the debris in the front linkage and are easily accessed from ground level.
- **Air Inlet Screen.** The vertically corrugated, fine mesh, air inlet screen helps reduce trash from entering the radiator area and allows for debris to fall off.
- **Striker Bars and Optional Cleaner Fingers.** Striker bars are located in front of and behind the rear wheels and behind the front wheels. Striker bars help to keep wheels free of debris to assist the wheel step tips in maintaining good compaction. In cohesive material or severe packing conditions, optional cleaner fingers are available to further assist in keeping the wheel step tips clean.
- **Extended Roof.** An oversized roof extends past the cab doors and windows to minimize debris build up.
New and current features are built into the 836H and depending on application requirements can provide fuel savings and performance enhancements.

**Linkage Regen Valve**
The regen valve creates a closed loop system to ensure optimal flow to the blade lift cylinder during the blade cycle. The improved flow reduces the head-end void of the lift cylinder after lowering improving blade response and controllability.

**Auto Idle Kickdown (AIK)**
If an operator is not actively operating the 836H for a period of time, the AIK system will temporarily reduce the engine speed to save fuel. After an automated engine speed reduction, the system will automatically resume the engine speed to the previous setting when the operator engages the implement control pod of the F-N-R switch to the STIC Steer.

**Idle Shutdown**
This new feature will automatically shutdown the engine after the machine has been in a safe idling state for an extended amount of time. The operator in the cab will be audibly and visually warned before the shutdown occurs.

**Impeller Clutch Torque Converter (ICTC) Left Pedal Control**
The ICTC works with throttle lock to allow the operator to modulate rimpull to the wheels and slow the machine down without reducing engine speed. This allows the machine to maintain full hydraulic power for blade and steering control which gives the 836H a hydrostatic feel while keeping the benefits of the world’s most efficient and powerful drive train and powershift transmission with lock-up control system.
Operator Comfort
Best-in-class working environment

Best-in-Class Working Environment
A comfortable operator is a productive operator, which is why Caterpillar has designed the 836H with a best in-class working environment for this size landfill compactor.

• World class cab with over 3.18 m³ (112 ft³) of volume incorporates features for operator comfort and ergonomics, visibility and ease of operation.

• An updated Implement Pod is fully adjustable and designed for low-effort comfort. Switches and controls are located within easy reach of the operator.

• Interior noise levels are reduced to a quiet 73 dB(A).

• Auto-Blade Positioner. Remove redundancy of raising and lowering the blade every time the compactor changes direction. Auto-Blade positioner automatically raises and lowers the blade to set position. The operator can easily set blade position from a switch in the cab. Activation occurs when the machine makes a directional change and the blade joystick has not been touched.
  • Forward, the blade goes down to the operator preset height
  • Reverse and the blade goes up

• Optional features are available for improved visibility. They include a rear vision camera to clearly monitor movement behind the machine and high intensity discharge (HID) lights for greater visibility at night.

• With the update, other new options include heated seat for cold weather operations and radio offerings of Bluetooth, MPS, or satellite options are now available.

• STIC Steering System. The STIC steer controller uses a single lever for steering and transmission control. Left-hand operations enable the operator to shift and change directions without letting go of the steering controls.
Computer Aided Earthmoving System (CAES)
The Computer Aided Earthmoving System (CAES) is a high-technology landfill tool that allows compactor operators to achieve maximum compaction. Using Global Navigation Satellite System (GNSS) technology, machine mounted components, a radio network and office management software, this system delivers real-time information on an in-cab display. As CAES-enabled compactors are driven over the site elevation is closely monitored and recorded in a digital terrain file. Various color-coded elevation are displayed. For compactors, CAES also monitors and records the number of machine passes. With digital terrain files and recorded machine passes the operator can determine the appropriate number of passes and the level of compaction achieved.

- How it works. The compactor display shows colored grids representing the number of compaction passes the machine has made across each area. As the compactor wheel travels over an area, the screen changes color to acknowledge the pass. Green areas indicate when optimum compaction has been reached.

- Other benefits of CAES includes identification of site-specific storage areas for material requiring special handling and placement records, such as hazardous medical, sludge, and industrial materials.

Cat Product Link
Cat® Product Link enables convenient, remote monitoring of equipment. Get useable information to keep jobs on schedule, maintain machine health and reduce fleet owning and operating costs. Product Link simplifies fleet management and monitors machine use, can link all machines, regardless of brand and provide three levels of insight to meet specific business requirements.
Wheels and Tips
To provide excellent traction and compaction, the Cat 836H Landfill Compactor offers wheel and tip options to help you achieve maximum landfill life.

Step Tips
The next generation Cat Step Tip boasts enhanced features to deliver dependable and reliable performance in harsh waste handling environments. The unique pyramid shape of the tip, with its individual steps and 178 mm (7 in) height, provides increased wear life. Whereas most tips are straight up and down, the wider base and angled surface of the Step Tip clear a path from the top of the tip as it rotates, leaving the landfill surface in its compacted state instead of disturbing material as the tip exits causing less “fluffing.”

In addition to superior compaction capabilities, the Step Tip also delivers greater traction, wear life, and landfill surface integrity. One way it achieves this is by increasing the number of tips per wheel from 35 to 40 which keeps compaction levels high even as the tip wears. Each tip is comprised of two ultra-durable materials to increase wear life. The upper portion, formed from carbon steels, is harder than the previous tip offering. The lower portion, made with lower carbon-content steel, allows for easy welding to the wheel. By having more tips per wheel, plus using an innovative shape and enhanced materials the next generation Cat Step Tip improves compaction and stability, even on difficult to handle side slopes.

Optional Self-Cleaning Chopper
Chopper wheels are designed to deliver maximum compaction and traction in landfill work. An aggressive chopping action is provided by 28 blades per wheel. The staggered, chevron blade arrangement evenly distributes chopping coverage and blade center gusset to help assure maximum refuse demolition. Front and rear wheel blades are mounted differently to maximize chopping and compaction in both forward and reverse.
Serviceability
Increase uptime by reducing service time

The 836H is designed to ensure minimal downtime through ground level or platform access, grouped service points, and attention to key serviceable areas on the machine.

- Centralized remote pressure taps and ground level viewable site gauges on all major systems.
- Electrical disconnect switch and hydraulic lockout switch allow service technicians to perform maintenance while the machine stays static. Other shutdown or lockout devices include ground level engine shutdown and ground level steering hitch lock lever.
- Swing-out doors on both sides of the engine compartment provide easy access to the engine oil dipstick and filler spout, S·O·S™ ports, fuel filters, air conditioner compressor, engine oil filters, alternator, starting receptacle, air filter service indicator, coolant fill tube and ether starting aid.
- Ecology drains for ease of service and prevention of spilling potential environmental contaminants. Ecology drains are standard on the hydraulic, engine, transmission and coolant systems.
- Optional Swing-Out Stairway. Inspection of rear axle components and access to the engine compartment is easy with the swing-out stairways. With the updated 836H, the swing out stairs were improved with a two piece fully enclosed hinge pivot protected from trash debris for improved access.
- Electronic Monitoring System notifies the operator and service technician of potential problems and logs machine events.
Customer Support
Count on Cat dealers for business solutions

Selection
Cat dealers can help customers compare and choose the right machine for their business.

Financing
Cat dealers offer financing options to meet a variety of needs.

Operation
Improve operating technique for better productivity and profit with the latest Cat dealer training resources.

Product Support
Cat dealers are with customers every step of the way with unsurpassed worldwide parts support, trained technicians and customer support agreements.
Sustainability
Protecting the environment

Protecting the Environment
With the 836H having a legacy of helping our customer’s bottom line, it is only fitting this machine has features and services that also show environmental responsibility.

• Offers a number of fuel saving features to further lower fuel consumption, which not only benefits operating cost but reduces the 836H’s CO₂ footprint.

• Currently meets Tier 3 emissions. Caterpillar continues to develop technology to meet changing regulatory requirements.

• Maintenance-free, ease of maintenance or extended maintenance, attention has been paid to lowering routine maintenance cost while eliminating waste to the environment. An example of this is the new Cat HYDO hydraulic oil which became standard in 2008. Cat HYDO Oil extends drain intervals and provides extra protection to hydraulic system components. Cat HYDO last to six times longer than conventional hydraulic oil, but is 20 times more biodegradable. By increasing interval changes, this eliminates additional waste and removal of hydraulic oil, leaving a better environmental footprint.

• Built for multiple lives, the Cat 836H is designed for multiple rebuilds. To assist with maximizing machine life, Caterpillar provides a number of sustainable options such as our Reman and Certified Rebuild programs. In these programs, reused or remanufactured components can deliver cost savings of 40 to 70 percent, which lowers operating cost while benefiting the environment.

• Caterpillar offers retrofit packages to bring new features to older machines, maximizing your resource. And, when you go through the Cat Certified Rebuild program, these retrofit kits are part of the rebuild process.
Safety
Keeping your people safe and productive is our number one priority

At Caterpillar, we have designed the 836H with your most important asset in mind – People. Drawing from a history of technological advancements and practical wisdom, you can be assured that your people are protected while working in, on or around the 836H Landfill Compactor.

Visibility
Good visibility, to people and vehicles on the site, the 836H offers a number of standard and optional features to enhance job site visibility. Standard and optional features include long-life LED lights, articulated wiper/washer system with intermittent features, optional rear vision camera, optional high intensity discharge lights and an optional warning beacon.

Access and Egress
Getting on and off the machine is one of the leading causes of injury on a job site. The 836H has a number of features to ensure your operator gets safely on and off the 836H. The 836H includes primary and secondary stairwell exits, punch stamped tread plates located throughout the machine, ground level night time stairwell light and full perimeter railings on the upper platform.

Maintenance Safety
Daily and routine maintenance should not pose a safety hazard to your operator or service technician. With the 836H, design efforts were taken to group service points with convenient access. As seen in the serviceability section, all service points are at ground level or platform access to maintain three points of contact, and a number of disconnect switches are available to ensure the 836H is static during service.

Operator Health and Well Being
For the 836H, the operator and safety go hand-in-hand. The 836H offers many features that enhance operator comfort and aid in keeping the operator safe. In the cab, all controls are low-effort and easy to reach minimizing repetitive motion and potential strains. With a cab filtration system, low operator sound and optional secondary steering, all effort has been made to protect the operators from environmental elements that can cause issues with their health or well-being.
### Engine

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engine Model</td>
<td>Cat® C18 ACERT™</td>
</tr>
<tr>
<td>Gross Power (Direct Drive)</td>
<td>414 kW 555 hp</td>
</tr>
<tr>
<td>Gross Power (Converter Drive)</td>
<td>390 kW 523 hp</td>
</tr>
<tr>
<td>Gross Power (EEC 80/1269)</td>
<td>373 kW 501 hp</td>
</tr>
<tr>
<td>Torque Rise (Direct Drive)</td>
<td>37%</td>
</tr>
<tr>
<td>Torque Rise (Converter Drive)</td>
<td>36%</td>
</tr>
<tr>
<td>Bore</td>
<td>145 mm 5.71 in</td>
</tr>
<tr>
<td>Stroke</td>
<td>183 mm 7.2 in</td>
</tr>
<tr>
<td>Displacement</td>
<td>18.1 L 1,104.5 in³</td>
</tr>
</tbody>
</table>

### Transmission

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direct Drive</td>
<td>6.1 km/h 3.8 mph</td>
</tr>
<tr>
<td>Direct Drive</td>
<td>10.9 km/h 6.8 mph</td>
</tr>
<tr>
<td>Direct Drive</td>
<td>6.4 km/h 4 mph</td>
</tr>
<tr>
<td>Direct Drive</td>
<td>11.4 km/h 7.1 mph</td>
</tr>
<tr>
<td>Converter Drive</td>
<td>5.8 km/h 3.6 mph</td>
</tr>
<tr>
<td>Converter Drive</td>
<td>10.3 km/h 6.4 mph</td>
</tr>
<tr>
<td>Converter Drive</td>
<td>6.1 km/h 3.8 mph</td>
</tr>
<tr>
<td>Converter Drive</td>
<td>10.8 km/h 6.7 mph</td>
</tr>
</tbody>
</table>

### Wheels – Stepped Tip Teeth

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drum Width</td>
<td>1400 mm 4 ft 8 in</td>
</tr>
<tr>
<td>Drum Diameter</td>
<td>1720 mm 5 ft 8 in</td>
</tr>
<tr>
<td>Diameter with Tips</td>
<td>2050 mm 6 ft 9 in</td>
</tr>
<tr>
<td>Tips per Wheel</td>
<td>40</td>
</tr>
</tbody>
</table>

### Service Refill Capacities

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fuel Tank</td>
<td>793 L 209.5 gal</td>
</tr>
<tr>
<td>Cooling System</td>
<td>107 L 28.3 gal</td>
</tr>
<tr>
<td>Crankcase</td>
<td>60 L 15.9 gal</td>
</tr>
<tr>
<td>Transmission</td>
<td>83 L 21.9 gal</td>
</tr>
<tr>
<td>Differentials and Final Drives – Front</td>
<td>186 L 49.1 gal</td>
</tr>
<tr>
<td>Differentials and Final Drives – Rear</td>
<td>190 L 50.2 gal</td>
</tr>
<tr>
<td>Hydraulic Tank</td>
<td>137 L 36.2 gal</td>
</tr>
</tbody>
</table>

### Weights

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Weight</td>
<td>55 604 kg 122,586 lb</td>
</tr>
</tbody>
</table>

### Dimensions

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height to Top of Cab with A/C</td>
<td>4549 mm 14 ft 11 in</td>
</tr>
<tr>
<td>Height to Top of Exhaust Pipe</td>
<td>4157 mm 13 ft 8 in</td>
</tr>
<tr>
<td>Height to Top of Hood</td>
<td>3201 mm 10 ft 6 in</td>
</tr>
<tr>
<td>Ground Clearance to Bumper</td>
<td>1025 mm 3 ft 4 in</td>
</tr>
<tr>
<td>Center Line of Rear Axle to Edge of Counterweight</td>
<td>3132 mm 10 ft 3 in</td>
</tr>
<tr>
<td>Hitch to Center Line of Front Axle</td>
<td>2275 mm 7 ft 6 in</td>
</tr>
<tr>
<td>Wheelbase</td>
<td>4550 mm 14 ft 11 in</td>
</tr>
<tr>
<td>Length with Blade on Ground</td>
<td>10 182 mm 33 ft 5 in</td>
</tr>
<tr>
<td>Ground Clearance</td>
<td>593 mm 1 ft 11 in</td>
</tr>
<tr>
<td>Width over Wheels</td>
<td>4280 mm 14 ft</td>
</tr>
<tr>
<td>Height to ROPS/Canopy</td>
<td>4156 mm 13 ft 8 in</td>
</tr>
</tbody>
</table>

### Sound Performance

- The operator sound exposure Leq (equivalent sound pressure level) measured according to the work cycle procedures specified in ANSI/SAE J1166 OCT98 is 76 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 a 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 82 dB(A).
## Dimensions

All dimensions are approximate.

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
<th>Value</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Height to Top of Exhaust Pipe</td>
<td>4157 mm</td>
<td>13 ft 8 in</td>
</tr>
<tr>
<td>2</td>
<td>Height to Top of Hood</td>
<td>3201 mm</td>
<td>10 ft 6 in</td>
</tr>
<tr>
<td>3</td>
<td>Ground Clearance to Bumper</td>
<td>1025 mm</td>
<td>3 ft 5 in</td>
</tr>
<tr>
<td>4</td>
<td>Ground Clearance</td>
<td>632 mm</td>
<td>2 ft 0 in</td>
</tr>
<tr>
<td>5</td>
<td>Center Line of Rear Axle to Edge of Counterweight</td>
<td>3132 mm</td>
<td>10 ft 4 in</td>
</tr>
<tr>
<td>6</td>
<td>Wheelbase</td>
<td>4550 mm</td>
<td>14 ft 11 in</td>
</tr>
<tr>
<td>7</td>
<td>Length with Blade on Ground</td>
<td>10 182 mm</td>
<td>33 ft 5 in</td>
</tr>
<tr>
<td>8</td>
<td>Hitch to Center Line of Front Axle</td>
<td>2275 mm</td>
<td>7 ft 6 in</td>
</tr>
<tr>
<td>9</td>
<td>Height to ROPS/Canopy</td>
<td>4156 mm</td>
<td>13 ft 8 in</td>
</tr>
<tr>
<td>10</td>
<td>Height to Top of Cab with A/C</td>
<td>4549 mm</td>
<td>14 ft 11 in</td>
</tr>
</tbody>
</table>
### Blades

<table>
<thead>
<tr>
<th></th>
<th>Straight Blade</th>
<th>U-Blade</th>
<th>Semi U-Blade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width over end bits</td>
<td>5193 mm (17 ft)</td>
<td>5172 mm (17 ft)</td>
<td>5311 mm (17.2 ft)</td>
</tr>
<tr>
<td>Height</td>
<td>2236 mm (7.3 ft)</td>
<td>2215 mm (7.3 ft)</td>
<td>2209.8 mm (7.3 ft)</td>
</tr>
<tr>
<td>Lift speed at rated rpm</td>
<td>364 mm/sec (1.2 ft/sec)</td>
<td>362 mm/sec (1.2 ft/sec)</td>
<td>934 mm/sec (1.2 ft/sec)</td>
</tr>
<tr>
<td>Cutting edges, reversible:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Length, each end section (3 edges)</td>
<td>1408.2 mm (4.6 ft)</td>
<td>817 mm (2.7 ft)</td>
<td>816.6 mm (2.7 ft)</td>
</tr>
<tr>
<td>Length, each end section (2 edges)</td>
<td>—</td>
<td>990 mm (3.3 ft)</td>
<td>988 mm (3.3 ft)</td>
</tr>
<tr>
<td>Width × thickness</td>
<td>254 mm × 25 mm (10 in × 1 in)</td>
<td>254 mm × 25 mm (10 in × 1 in)</td>
<td>254 mm × 25 mm (10 in × 1 in)</td>
</tr>
<tr>
<td>End bits (2), self-sharpening:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Length, each</td>
<td>472 mm (1.6 ft)</td>
<td>Right 472 mm (1.6 ft)</td>
<td>Right 472 mm (1.6 ft)</td>
</tr>
<tr>
<td>Width × thickness</td>
<td>254 mm × 25 mm (10 in × 1 in)</td>
<td>254 mm × 25 mm (10 in × 1 in)</td>
<td>254 mm × 25 mm (10 in × 1 in)</td>
</tr>
<tr>
<td>Capacity, rated</td>
<td>19.8 m³ (25.9 yd³)</td>
<td>25.8 m³ (33.8 yd³)</td>
<td>22.4 m³ (29.29 yd³)</td>
</tr>
<tr>
<td>Turning diameter</td>
<td>8758 mm (28.7 ft)</td>
<td>9023 mm (29.6 ft)</td>
<td>8864 mm (29.0 ft)</td>
</tr>
</tbody>
</table>

**NOTE:** See your Cat dealer for other blade options.

### Turning Diameter

![8864 mm (29.0 ft) Diameter](image)
Standard equipment may vary. Consult your Cat dealer for details.

POWER TRAIN
- Brakes, full hydraulic, enclosed, wet-disc, service brakes
- Case drain filters
- Differentials, No-Spin (front)
- Engine, Cat® C18 with ACERT™ Technology ATAAC and ADEM™ A4 controller
- Filtration, case drain
- Fuel priming pump, electric
- Heat Shield, turbo and exhaust manifold
- Muffler (under hood)
- Parking Brake
- Precleaner, Engine Air Intake
- Radiator, Next Generation Modular (NGMR)
- Separated Cooling System
- Torque converter, impeller clutch with lockup control system
- Transmission, planetary power shift with 2F/2R speed range control

HYDRAULICS
- Hydraulic Oil Cooler
- Hydraulic System for Bulldozer

ELECTRICAL
- Alarm, back-up
- Alternator, 100-amp
- Batteries, maintenance-free (4-1000 CCA)
- Deutsch terminal connectors
- Electrical converter (12-volt)
- Electrical system (24-volt)
- Lighting system, halogen (front and rear)
- Starter, electric (heavy duty)
- Starting receptacle for emergency start

OPERATOR ENVIRONMENT
- Air conditioner (roof mounted)
- Cab, sound-suppressed and pressurized, Internal four-post rollover protective structure (ROPS/FOPS) Radio ready for (entertainment) includes antenna, speakers, and converter (12-volt 10-15 amp) 12-volt power port
- Cigar lighter (12-volt) and ashtray
- Coat hook
- Heater and defroster
- Horn, electric
- Hydraulic controls (floor mounted)
- Lights, (interior cab)
- Lunchbox and beverage holders
- Monitoring system (EMS III)
- Action alert system, three category
- Instrumentation, Gauges:
  - Engine coolant temperature
  - Fuel level
  - Hydraulic oil temperature
  - Speedometer/Tachometer
  - Transmission oil temperature
- Instrumentation, Warning Indicators:
  - Brake oil pressure
  - Electrical system, low voltage
  - Engine intake/combustion air temp
  - Engine oil pressure
  - Engine overspeed
  - Fuel pressure
  - Hydraulic oil filter status
  - Parking brake status
  - Transmission filter status
  - Mirrors, rearview (externally mounted)
- Seat, Cat Comfort, (cloth) air suspension
- Seat belt, retractable, 76 mm (3 in) wide
- Steering, assist (wheel)
- Tinted glass
- Transmission gear (indicator)
- Wet-Arm Wipers/Washers (front and rear)
- Intermittent Wipers (front and rear)

WHEELS
- 1397 mm (55 in), long life, Step Tip with seven wear bars on inside wheel disc

TIRES, RIMS AND WHEELS
- Wheels 1397 mm (55 in) with weld-on Stepped Tips, through hardened inner rim extension, (8) wear bars on the extension, (8) wear bars on inside wheel disc, and 25.4 mm (1 in) wide hard facing on both edges of the outer wrapper of the wheel

GUARDS
- Guards, axle (front and rear)
- Guards, crankcase and power train, hydraulically powered

BLADES
- Bulldozer not included in standard equipment

FLUIDS
- Antifreeze, premixed 50% concentration of extended life coolant with freeze protection to –34° C (–29° F)

OTHER STANDARD EQUIPMENT
- Auto Blade Positioner (ABP)
- Demand fan/swing out (hyd. reversible)
- Engine, crankcase, 500 hour interval with CH4 oil
- Extended Roof
- Ground Electronic clutch pressure control and remote mounted pressure taps
- Hitch, drawbar with pin
- Locking engine enclosures
- Oil sampling valves
- Product Link
- Stairways, fixed-L/R (rear access)
- Striker bars
- Throttle Lock
- Vandalism protection caplocks
- Venturi stack
Optional equipment may vary. Consult your Cat dealer for details.

- Bulldozer arrangement
- Straight blade
- U-blade
- Semi-U blade
- Cab, guard front windows
- Cab, rear fan and grill
- Cab, rubber-mounted glass
- Camera, rear vision
- Cleaner fingers, front and rear
- Computer Aided Earthmoving System (CAES) attachment ready option
- Cylinder, heavy lift
- Differentials, No-SPIN (rear)
- Fast fill system
- Fuel
- Oil

- Guard, actuator premium
- Heater, engine coolant
- Heater, fuel
- Lighting, HID
- Light, warning flashing strobe
- Light, warning rotating beacon
- Mirror, inside (panoramic)
- Oil Change System, high speed
- Precleaners
- Radio, AM/FM/CD/MP3
- Radio, CB (ready)
- Radio, Satellite, Bluetooth
- Retro Fit Kits available for the belly guard, precleaners, lower window guard, cleaner bar, alternator snorkel, heat blocker exhaust wrap, rear fan and grill, and heavy lift cylinder

- Sound suppression
- Stairway, swing, left and right
- STIC steering
- Switch, disconnect, remote mounted
- Visor, front
- Wheels
- Smooth
- Chopper blades
- Various wheels, see Price List
- Wiper, intermittent rear