

854G

Wheel Dozer



Blade Capacities	25 to 45 m ³	33 to 58 yd ³
Operating Weight	99 395 kg	219,124 lbs
Cat [®] 3508B EUI Diesel Engine		
Gross Power	656 kW	880 hp
Flywheel Power	597 kW	800 hp

854G Wheel Dozer

Strong power train, combined with a heavy-duty front frame, provides long life and economical operation.

Engine

The turbocharged 3508B Electronic Unit Injection diesel engine delivers increased power, improved torque rise and more usable rimpull. Newly designed pistons and turbocharger, along with higher injection pressures, result in improved combustion and lower emissions. **pg. 4**

Power Train

The Caterpillar electronically controlled planetary power shift transmission and Impeller Clutch Torque Converter with lockup clutch provide smooth, consistent shifting with rimpull control and direct drive efficiency. **pg. 4-5**

Structures

The 854G features a box-section rear frame and two-plate front frame design, providing strength and stability. Together they provide resistance to dozing shocks and stresses, absorbing shock loads and twisting forces. **pg. 6**

Engineered for demanding work in large dozing applications. The 854G Wheel Dozer joins the Caterpillar® wheel dozer line-up as an ideal match for large mining operations, power generating utilities, the general contracting industry and wherever mobility and production dozing is needed.



Hydraulics

Two, independent hydraulic systems and load sensing steering are the invisible forces behind the mobility and versatility of the 854G.

pg. 7

Operator Station

Experience a high level of efficiency and comfort with one-hand operation provided by the STIC controller and a state-of-the-art cab. Operator productivity is also increased with wide range of viewing, reduced sound levels, improved ventilation and easy entry and exit. **pg. 8-9**

Blades and Blade Control

Choose between 33 and 58 yd³ Semi-U, heavy-duty Semi-U and coal blades. Replaceable bolt-on cutting edges and bottom wear plates protect the blade, resulting in longer blade life. A single lever is used to hydraulically control all blade functions. **pg. 10-11**

Serviceability

Maintenance jobs become easier with ground level access to major service points. Large engine doors, rear access stairs, and convenient service platform with large doors enhance the serviceability of the 854G.

pg. 12



Power Train

Cat power train delivers top performance and durability in tough applications.

1 The Cat 3508B Diesel Engine

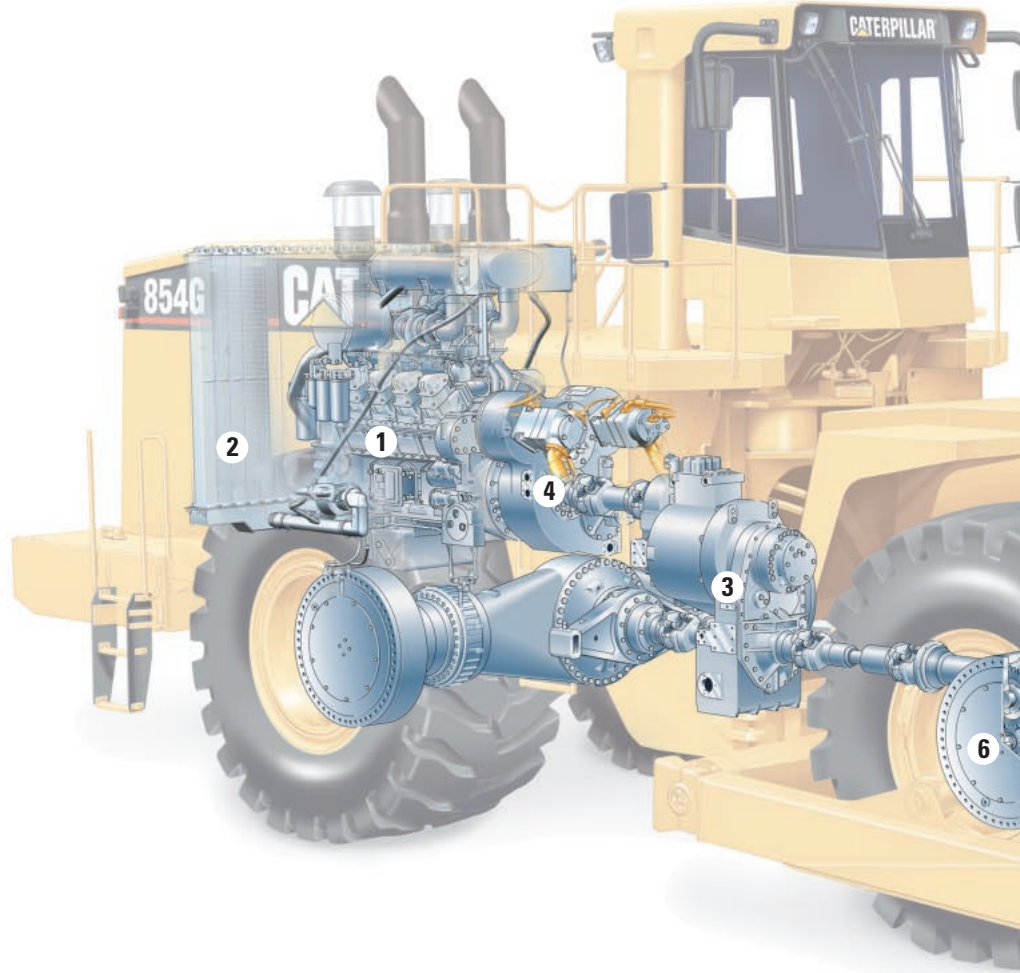
is a four-stroke design and uses long, effective power strokes for more complete fuel combustion and optimum efficiency. The 3508B is designed with large displacement and a low speed rating for long hours of service between scheduled overhauls and lower operating costs.

- **The 30 percent torque rise** provides high lugging force during dozing and acceleration in high rimpull conditions. The torque curve effectively matches the transmission shift points to provide maximum efficiency and faster cycle times.
- **Electronic Unit Injection (EUI)** is a proven high-pressure, direct injection fuel system that electronically monitors operator demands and sensor inputs to optimize engine performance.
- **Advanced Diesel Engine Management (ADEM)** system controls the fuel injector solenoids to start and stop fuel injection. This system provides automatic altitude compensation, air filter restriction indication, and will not allow the engine to fire until it has oil pressure, acting as a cold start protection and a form of pre-lube.

2 Separate engine cooling system

isolates the radiator and fan from the engine compartment providing lower sound levels, more efficient cooling and a sloped hood for increased viewing.

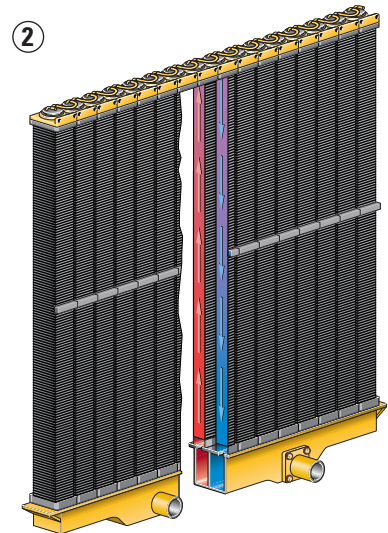
- **Advanced Modular Cooling System (AMOCS)** improves cooling capabilities by using a parallel flow system with 16 cores. Serviceability is improved with AMOCS as there is no top tank to remove and the radiator guard does not have to be tilted to remove the cores.

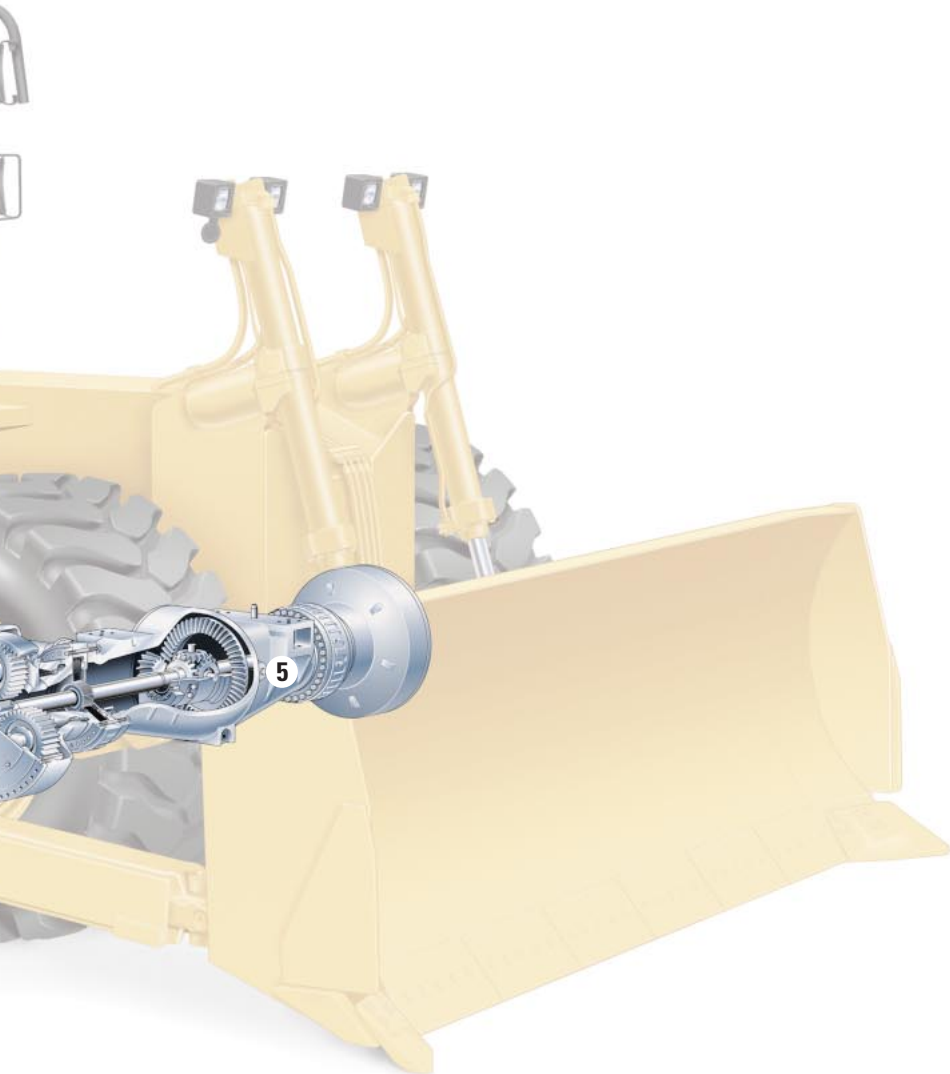


3 Separate Circuit Aftercooling (SCAC)

dedicates six of the radiator's cores to the independent aftercooler circuit. This allows the aftercooler circuit to operate cooler resulting in denser air charge and improved emissions.

- **Caterpillar planetary, power shift transmission** features perimeter-mounted, large diameter clutch packs that control inertia for smooth shifting and increased component life. The electronically controlled transmission enhances productivity, durability and serviceability.





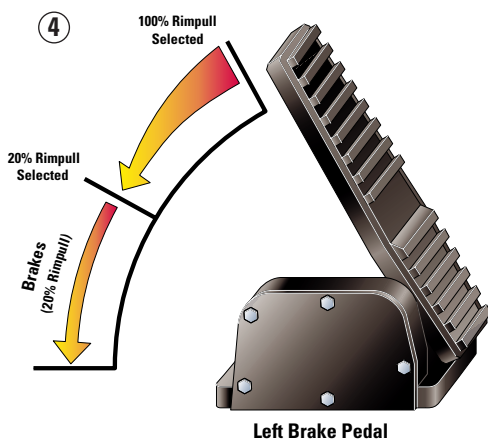
- Rimpull Control System (RCS) allows the operator to select from four preset maximum rimpull settings available in first gear settings (80,65,50 and 35 percent).
- The torque converter is equipped with a lockup clutch for direct drive efficiency in second and third gear.

5 Heavy-duty Axles feature standard axle oil coolers, permanently lubed universal joints and stronger axle components in both the differentials and final drives for increased performance, serviceability and durability.

- **Free floating axle shafts** can be removed independent of the wheels and planetaries for quick and easy serviceability.
- **Axle oil cooling system** circulates oil from the brakes and differentials through an oil-to-air cooler providing increased oil life while extending component performance and durability.

6 Oil-enclosed, multiple-disc brakes are adjustment free with fewer parts for improved serviceability. Fully hydraulic actuators with independent front and rear circuits use separate accumulators and new valves for increased performance and reliability.

- Location of the brakes improves serviceability. The axle-shaft brake design allows brake service while leaving the final drive intact.
- Axle-shaft brakes require less force by operating on the low torque side of the axle. Combined with improved axle oil circulation for increased cooling, the oil-enclosed, multiple-disc brake design improves durability.



Left Brake Pedal

4 Impeller Clutch Torque Converter (ICTC) combined with the Rimpull Control System (RCS) allows the operator maximum flexibility in modulating rimpull.

- The impeller clutch torque converter uses the left brake pedal to modulate rimpull from 100 to 20 percent for reduced tire slippage. After 20 percent is achieved, further pedal travel applies the brake.

Structures

Superior design and strength provide solid support for maximum production and service life.



Structures are designed to help improve visibility, stability, blade capacity and durability, without adding weight to the machine. These features provide the strength expected in Caterpillar structures.

Castings in the engine-end frame are used in critical high-stress areas to help spread the load and reduce the number of parts. The casting for the rear trunnion mount also serves as an engine mount, which provides a load path for the weight and torque of the engine to travel down to the trunnion and then on through to the axle. Other castings used in the engine-end frame include: front trunnion mounts, steering cylinder brackets, articulation stops and lock link.

1 Full box-section rear frame absorbs shock loads and twisting forces solidly, supporting the driveline for rigid component alignment. The frame is now extended further forward, which improves rail to hitch strength.

2 Heavy-duty, box-section front frame provides maximum structural strength to resist twisting loads experienced during dozing.

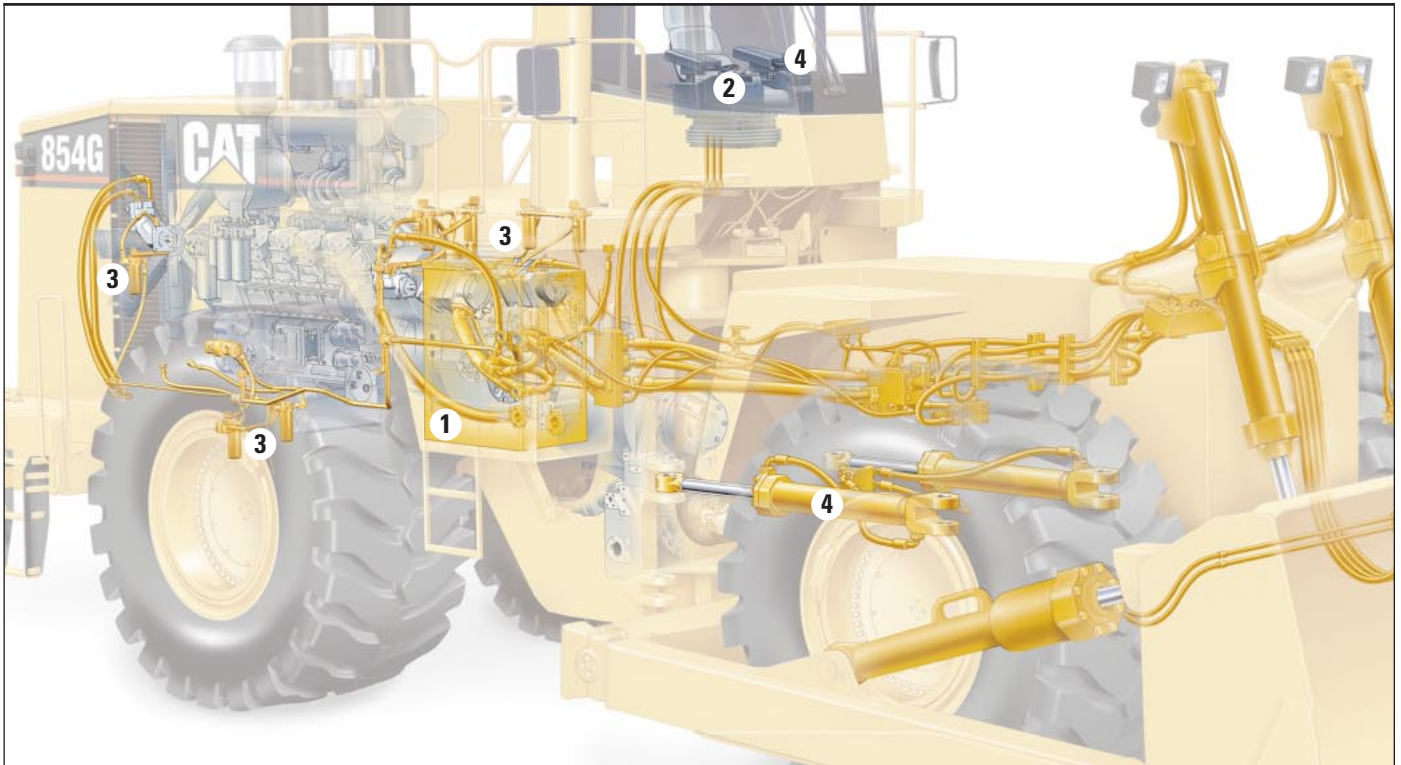
3 Upper and lower hitch pins pivot on double-tapered roller bearings and are shaped to direct stress away from the end of the weld, resulting in a smoother transition of stress loads. The hitch is open for access.

4 Spread-hitch design helps square up the frame and provides more clearance for hydraulic lines. Double tapered roller bearings and hardened pins resist both horizontal and vertical loads to increase life. The spread-hitch also makes service access easier.

Engine and transmission mounts are designed to use mushroom and cup-shaped ISO mounts, reducing component vibration and sound levels. The engine mounts directly to the rear cross member, simplifying and improving load transfer structure.

Hydraulics

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



1 Two separate, hydraulic systems.

One system is for the brakes and steering while the other is for implement and hydraulically-driven engine cooling fan. The benefits of the separate hydraulic systems are increased cooling and elimination of cross-contamination. Caterpillar's XT-3 and XT-5 hose and reliable components help reduce the risk of leaks and blown lines, helping protect the environment.

2 Blade control.

Armrest-mounted control lever sends signals to a pilot valve for tilt/tip control and to a main valve for lift/lower control.

- **Tandem gear pumps** provide hydraulic flow for the lift, tilt and tip functions. The circuit is well balanced to provide control when all functions are used simultaneously.
- **Well-proven pumps, valves and cylinders** are common with those used on large, Caterpillar track-type tractors.
- **For improved serviceability**, all hydraulic pumps are mounted on a single pump drive.

3 Case Drain Filtration

is included throughout the hydraulic system to protect against contamination. Easily accessed for serviceability, seven filters in total protect the hydraulic pumps, fan motor and axle oil cooler circuit.

- Optional high pressure screens are available as an upgrade to the case drain filtration package. This Deluxe Filtration package places high pressure screens on the output side of the hydraulic pumps and fan motor, further protecting the hydraulic system from contamination.

4 Load Sensing Steering

with STIC Control System is a revolutionary system that integrates steering and transmission into a single controller. The variable displacement pump maximizes machine performance by directing power through the steering system only when needed.

- Simple side-to-side motions of the operator's left arm turn the machine right or left.
- Transmission shifting forward, neutral, or reverse is controlled by the operator's fingers, and gear selection is controlled by the operator's thumb.

Operator Station

Comfort and control – top quality operator station will help maximize productivity.

Spacious new cab design is 75 percent larger, incorporating innovations for operator comfort, maneuverability and productivity. Features include outstanding viewing, improved cab ventilation, interior sound levels below 75 dB(A), standard coat hook, cup holder, storage bin, intermittent wet-arm wipers, room for a large lunch cooler, and is radio-ready.

- 1 STIC control system** provides a fluid motion that reduces effort and allows the operator to work the machine for long periods of time with little or no fatigue. Simple side-to-side motions of the operator's left arm turn the machine right or left. Transmission shifting forward, neutral and reverse is controlled by the operator's fingers, and gear selection is controlled by the operator's thumb.
- 2 Left brake pedal** operates impeller clutch torque converter.
- 3 Contour Series Seat** with air suspension and retractable seat belt is designed for comfort and support. Seat cushions reduce pressure on the lower back and thighs while allowing unrestricted arm and leg movement. The seat is six-way adjustable and the retractable seat belt remains off the floor and is easy to reach for the operator. Armrests are height and tilt adjustable.
- 4 Throttle Lock** allows operator to preset the engine speed for a variety of applications, resulting in faster cycle times and increased productivity.





5 Vital Information Display System (VIDS) is the standard display system that provides information on the machine's major components and systems. In the event that a problem occurs on the machine, the VIDS provides pertinent information that leads to a more accurate diagnosis and a reduction of overall downtime. VIDS configuration supports:

- Gauge displays fuel tank level and temperatures for, engine coolant, power train and hydraulic oil. Tachometer is an analog gauge with digital readout for gear selection.
- Two language (English and any one of 17 other languages), 40-character text display instantly communicates machine problems.
- Step-by-step service instructions for calibrations, option selection and adjustable settings.

6 Floor-mounted hydraulic blade controls are adjustable fore and aft, with a height-adjustable armrest so that operators of any size can find a comfortable operating position. Single lever control allows operator to control blade functions: lift/lower, tip and tilt. Switch control on top of control lever allows option of single or dual-tilt operation.

7 Large, viewing area enhances viewing in all directions. Bonded glass in the front window eliminates distracting metal frames with the best operator visibility to the blade.

Quick Shift feature allows quicker cycle times by automatically shifting from 1st forward to 2nd reverse.

Blade Control

Well-proven Cat components deliver dependable service and ease of operation.



Heavy-duty blade linkage is common with a Caterpillar D11 Track-Type Tractor. These well-proven components are designed for large dozing loads in tough applications.

- **Lift cylinders** raise and lower the blade for efficient dozing action while the two position tilt cylinder mounting provides increased flexibility for various applications.
- **Cutting edges** utilize DH-2 steel and end bits utilize DH-3 steel to provide maximum service life.
- **Trunnions, pusharms and tag link** are sized for large dozing loads.

Single-lever blade control hydraulically operates blade raise, lower, tilt and tip.

Lift circuit features:

- Four positions: raise, hold, lower and float
- Détente hold on float

Tilt/tip circuit features:

- Operator selected single or dual-tilt
- Finger tip control for tip operation

Low-effort control:

- Single-lever implement control
- Seat mounted controls
- Pilot operated tilt/tip for lower lever effort

Operator has the option of either single or dual-tilt operation by using a switch located on top of control lever.

A generous range of tilt motion enables excellent control for dozing.



Blades

Caterpillar blades are built to handle tough applications.



Resilient and durable Caterpillar blades are designed with high strength, pressed rib construction and large Caterpillar track-type tractor bolt-on cutting edges and bottom wear plates providing excellent dozing and rolling characteristics.

Capacities and widths are set to achieve increased productivity while dozing heavy loads or spreading cover material.

Available in three configurations, the Caterpillar blades utilize standard hardware and Ground Engaging Tools (G.E.T.) and are rebuildable for long service life.

1 Coal blade is designed for precise and productive dozing while helping to retain load control with increased capacity for lighter materials.

- Wing angles help retain the load while dozing.

2 Semi-U blades combine the characteristics of the S and U blades into one package.

- Increased capacity with the addition of short wings, which include only the dozer end bits, without sacrificing spreading characteristics of straight blades.

The Heavy-duty Semi-U blade utilizes the same design as the standard Semi-U blade with the addition of a Hardox 400 liner plate, Hardox material on the side plates and additional gusseting on the bottom of the blade for increased strength and durability in high wear applications.

Serviceability

Less time spent on maintenance means more time on the job.

Easy maintenance and repair through monitoring key functions and logging critical indicators. Electronic diagnostic access is possible with a single tool, the Electronic Technician. In addition to the servicing features built into the engine, the 854G includes:

- Vital Information Display System (VIDS) provides operators and service technicians with vital diagnostic information on the machine's major components and systems.
- The Advanced Modular Cooling System (AMOCS) is easy to clean and maintain because it is isolated from the engine compartment.
- U-joints are lifetime lubricated, leaving the slip joint as the only drive line component needing grease.
- Case drain filters are easily accessible for serviceability. For additional protection, high pressure screens are available as an optional attachment.
- Batteries sit in a built-in battery box and are accessible through tread plates on the platform.
- Hinged doors in platform provide access to the hydraulic tank fill, implement and steering filters. Transmission dipstick and filler spout are serviced from the hitch area.

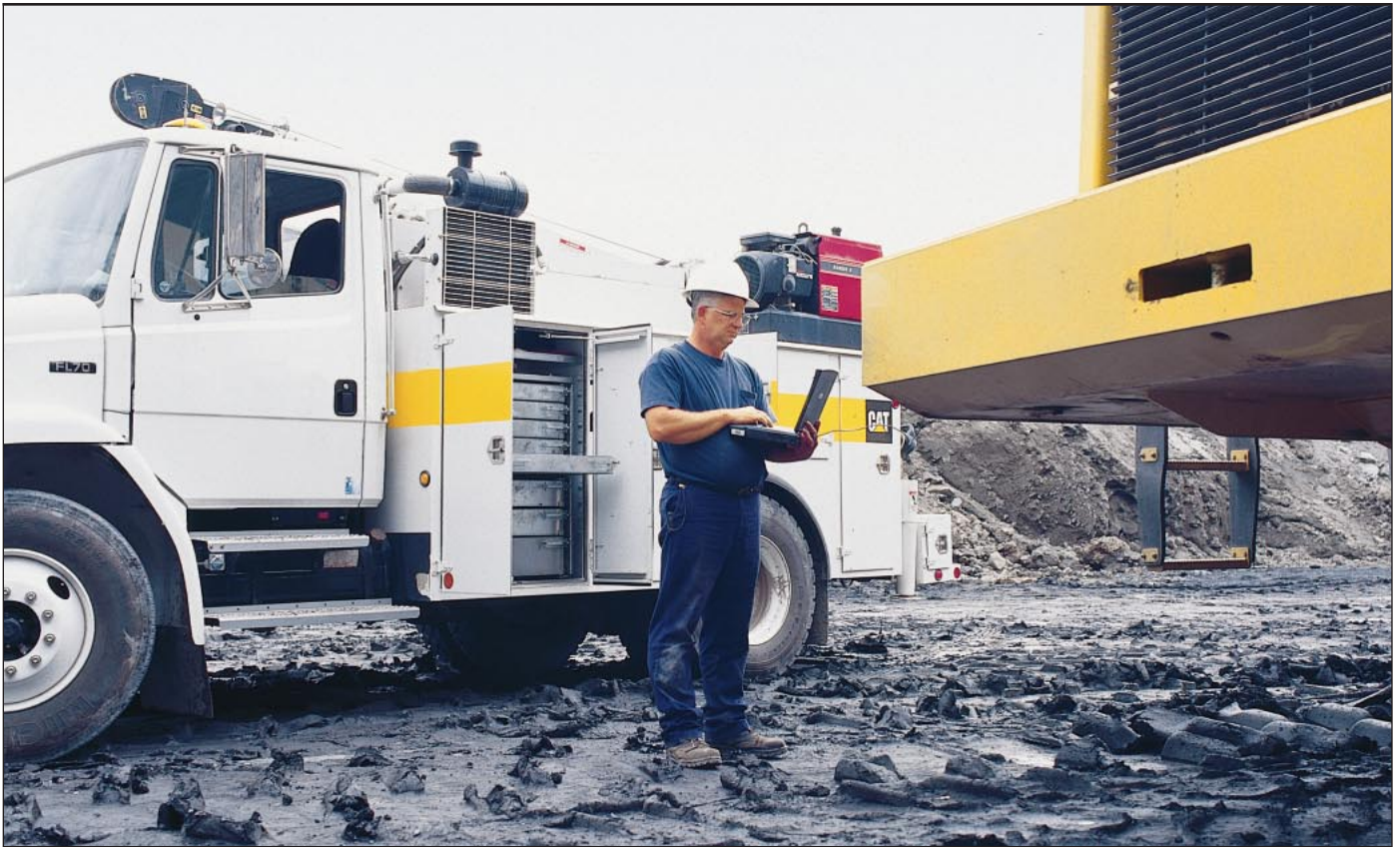


- Shock resistant lights are replaceable by hand, not requiring the use of any tools.
- Swing-up and Swing-out doors on both sides of the engine compartment provide easy access to the engine oil dipstick and filler spout, fuel filters, air conditioner compressor, engine oil filters, alternator, starting receptacle, air filter service indicator, coolant fill, and ether starting aid. Disconnect switch and diagnostic connector are located on rear platform.
- Lube points are centralized in the hitch area. Fuel fill is located in left hand bumper. Both lube points and fuel fill are accessible from ground level, making lube and fuel service quicker and easier.
- Sight gauges in the hydraulic tanks and radiator provide quick checks for fluid levels.



Complete Customer Support

Cat Dealer services keep machines operating longer with lower costs.



Cat Dealers offer a wide range of services that can be set up under a customer support agreement when purchasing equipment. The dealer will help customers choose a plan that can cover everything from machine and attachment selection to replacement, to help get the best return on the machine investment.

Selection. Make detailed comparisons of the machines under consideration before buying. How long do components last? What is the cost of preventive maintenance? What is the true cost of lost production? Cat Dealers can give precise answers to these questions.

Operation. Improving operating techniques can boost one's profits. Cat Dealers have training videotapes, literature and other ideas to help increase productivity.

Maintenance. More and more equipment buyers are planning for effective maintenance before buying equipment. Choose from the dealer's wide range of maintenance services at the time of purchase. Repair option programs guarantee the cost of repairs up front. Diagnostic programs such as S•O•S oil analysis and Technical Analysis help avoid unscheduled repairs.

Product support. Nearly all parts are available at the Cat Dealer parts counter. Cat Dealers utilize a worldwide computer network to find in-stock parts to minimize machine downtime. Save money with remanufactured parts and receive the same warranty and reliability as new products at cost savings of 40 to 70 percent.

Replacement. Repair, rebuild or replace? Cat Dealers can help evaluate the cost involved so the right choice is made.

Engine

Four-stroke cycle, eight cylinder, 3508B EU1 twin turbocharged and aftercooled diesel engine.

Ratings at 1750 rpm*	kW	hp
Gross power	656	880
Net power	597	800

The following ratings apply at 1750 rpm when tested under the specific standard conditions for the specified standard:

Gross power	kW	hp	PS
ISO 3046-2	656	880	—
Net power	kW	hp	PS
Caterpillar	597	800	—
ISO 9249	597	800	—
SAE J1349	590	791	—
EEC 80/1269	597	800	—
DIN 70020	—	—	829

Max net torque: 4218 Nm (3121 lb-ft) @ 1300 rpm
Torque rise: 30 percent

Dimensions

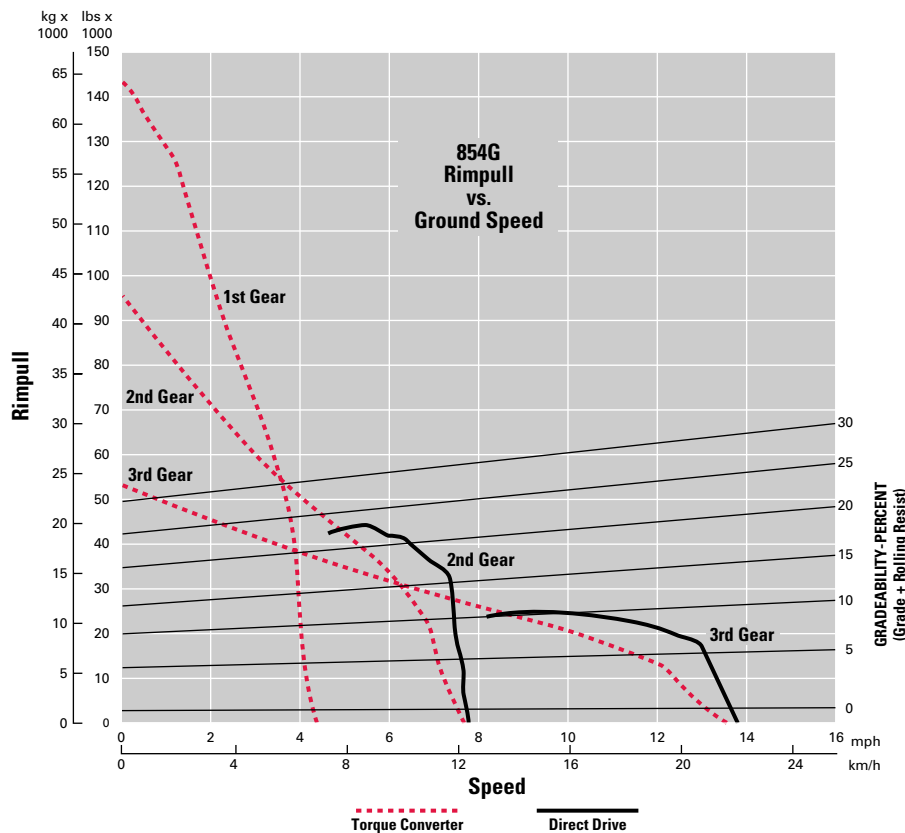
Bore	170 mm	6.7 in
Stroke	190 mm	7.5 in
Displacement	34.5 liters	2105 in ³

*Power rating conditions

- based on standard air conditions of 25°C (77°F) and 99 kPa (29.32 in Hg) dry barometer
- used 35° API gravity fuel having an LHV of 42 780 kJ/kg (18,390 Btu/lb) when used at 30°C (86°F) [ref. a fuel density of 838.9 g/L (7.001 lb/gal)]
- net power advertised is the power available when the engine is equipped with alternator, air cleaner, muffler and hydraulic fan drive
- no derating required up to 3050 m (10,000 ft) altitude

Features

- high pressure unit injection
- full electronic control
- two-piece piston with steel crown (three rings) and thermally isolated aluminum skirt
- copper-bonded crankshaft bearings
- hardened crankshaft journals
- two hard-faced inlet and exhaust valves per cylinder, valve rotators and hard alloy-steel seats
- self-aligning roller followers on camshaft
- dry-type radial seal air cleaners with primary and secondary elements and precleaner
- direct-electric 24-volt starting system with 100-amp alternator and four 190-amp-hour, low-maintenance, high-output, 12-volt batteries



Transmission

21" planetary power shift transmission with three speeds forward and reverse.

Maximum travel speeds (45/65-45 tires)

		km/h	mph
Forward	1	6.9	4.3
	2	12.0	7.4
	3	20.5	12.7
Reverse	1	7.7	4.8
	2	13.3	8.3
	3	22.7	14.1

Features

- electronic shift control
- self diagnostics accessible through Vital Information Display System
- quick-shift feature
- speed and direction finger tip controls housed in STIC controller
- Impeller Clutch Torque Converter is standard with lock-up and free wheel stator
- full match torque converter supplies more engine hp to the drive line
- lock-up drive in 2nd and 3rd gear

Brakes

Meets SAE J1473 OCT90 and ISO 3450: 1992.

Service brake features

- four wheel, hydraulic, oil cooled, multiple-disc brakes
- completely enclosed
- modulated engagement without slack adjusters/adjustment free
- two brake pedals allow standard braking with right pedal and impeller clutch/braking with left pedal

Parking brake features

- spring applied, oil-released, dry disc brake
- mounted on transmission transfer gear output shaft for manual operation
- electronic monitoring system alerts operator if transmission is engaged while parking brake is applied

Secondary brake features

- electronic monitoring system alerts operator if pressure drops and automatically applies the parking brake
- fully modulated

Final Drives

All wheel drive.

Features

- planetary reduction at each wheel
- torque developed at the wheel, less stress on the axle shafts
- planetary units can be removed independently from the wheels and brakes

Axles

Fixed front, oscillating rear ($\pm 11^\circ$).

Features

- maximum single-wheel rise and fall: 630 mm (24.8")
- conventional differential is standard
- free-floating axle shafts can be removed independently from wheels and planetary final drives
- axle oil cooling is standard on front and rear

Implement Hydraulic System

Completely sealed system with innovative low-effort controls.

Implement system with double-section gear pump

Output at 1882 rpm and 1000 psi/6894 kPa with SAE (No 10 oil at 150°F/66°C)

Both pumps	607 L/min	160 gpm
Cylinders, double-acting: lift, bore and stroke	177.8 mm x 1759.5 mm	7" x 69.7"
Cylinder, double-acting: tilt and tip, bore and stroke	266.7 mm x 285.5 mm	10.5" x 11.25"
Relief valve setting		
Bulldozer	22 675 kPa	3,270 psi
Tilt cylinders	24 560 kPa	3,560 psi

Features (standard)

- completely enclosed system
- two independent systems. One for implements and hydraulically-driven engine cooling fan, one for steering and brakes
- Cat built main implement pumps
- Caterpillar's XT-3, XT-5 hose used on entire machine except pilot lines in cab
- full-flow filtering
- reusable couplings with O-ring face seals

Cab

Caterpillar cab with integrated Rollover Protective Structure (ROPS) are standard.

Features

- the operator sound exposure Leg (equivalent sound pressure level) measured according to the work cycle procedures specified in ANSI/SAE J1166 MAY90 and ISO 6396 is 75 dB(A), for the cab offered by Caterpillar, when properly installed and maintained and tested with the doors and windows closed
- the exterior sound pressure level for the standard machine measured at a distance of 15 meters according to the test procedures specified in SAE J88 JUN 86, mid-gear-moving operation, is 113 dB(A)
- standard air conditioning system contains the environmentally safe R134a refrigerant
- ROPS meets the following criteria:
 - SAE J394
 - SAE J1040 APR 88
 - ISO 3471-1: 1986
 - ISO 3471: 1994
- Also meets the following criteria for Falling Objects Protective Structure:
 - SAE J231 JAN81
 - ISO 3449: 1992 Level II
- ROPS structure is certified for 104 000 kg (229,300 lb) operating weight
- Spectator sound is 113 dB(A)

Blade Controls

Mechanical operated raise/lower circuit.
Pilot operated tilt/tip circuit.

Lift circuit features

- four positions: raise, hold, lower and float
- détente hold on float

Tilt/tip circuit features

- operator selected single or dual-tilt
- finger tip control for tip operation

Control

- single-lever implement control
- seat mounted controls
- pilot operated tilt/tip for lower lever effort

Steering

Full hydraulic load sensing steering system meets SAE J1511 FEB94 and ISO 5010: 1992 specified standards.

Features

- STIC control steering system
- center-point frame articulation
- front and rear wheels track
- hydraulic power with efficient, load-sensing system
- variable displacement piston pump
- steering angle of 43° in each direction, one-hand operation
- full flow filtering

Service Refill Capacities

	L	U.S. Gallons
Fuel tank—standard	1562	413
Cooling system		
Jacket water	204	53.9
SCAC system	86	22.7
Crankcase	100	26
Transmission	211	55
Differentials and final drives		
Front	360	94
Rear	345	90
Hydraulic system		
Steering and brakes		
Tank only	326	84.8
Implement and engine cooling fan		
Tank only	159	41.3

Tires

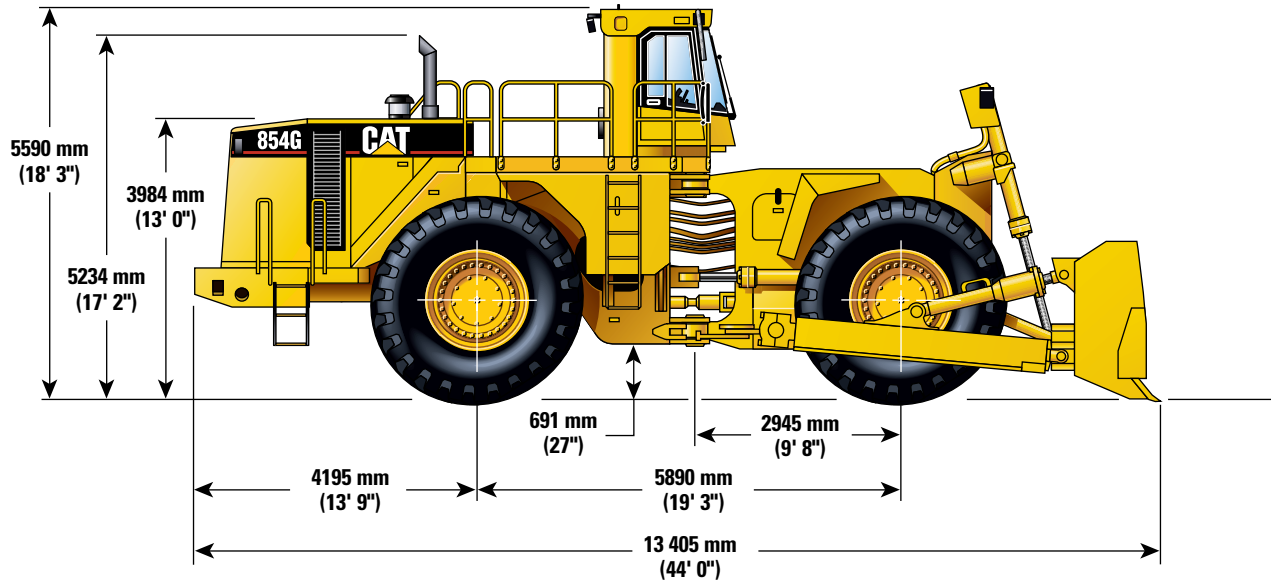
Tubeless, low-aspect ratio. All steel radial construction for increased traction and stability, lower rolling resistance.

- 45/65 R45 1★ L-4 (XLDD1), Michelin
- 45/65 R45 1★ L-5 (XLDD2), Michelin
- 45/65 R45 1★ L-5, Bridgestone
- 45/65 R45 1★ L-5 VSDL, Bridgestone
- 45/65 R45 GY RL 5K, Goodyear
- 45/65 R45 GY RL 4K, Goodyear

NOTE: Caterpillar recommends that you consult a tire supplier to evaluate all conditions before selecting a tire model. Other special tires are available on request.

Dimensions

All dimensions are approximate.



NOTE: Dimensions vary with blade. Refer to blade specifications chart below.

Blade Specifications

Blade Type	Capacity	Overall Width	Height	Digging Depth	Ground Clearance	Maximum Tilt	Weight	Total Operating Weight
Semi-U	25.4 m ³	6321 mm	2179 mm	398 mm	1540 mm	1165 mm	10 161 kg	99 395 kg
	33.1 yd ³	20' 7"	7' 1"	1' 4"	5' 1/2"	3' 8"	22,400 lbs	219,124 lbs
Heavy-duty Semi-U	25.4 m ³	6321 mm	2179 mm	398 mm	1540 mm	1165 mm	10 750 kg	99 984 kg
	33.1 yd ³	20' 7"	7' 1"	1' 4"	5' 1/2"	3' 8"	23,700 lbs	220,424 lbs
Coal	44.7 m ³	7200 mm	2500 mm	398 mm	1540 mm	1706 mm	10 333 kg	99 567 kg
	58.2 yd ³	23' 7 1/2"	8' 2 1/2"	1' 4"	5' 1/2"	5' 7"	22,780 lbs	219,504 lbs

Semi-U Blade: This unit combines the characteristics of the S and U blades into one package. It has increased capacity by the addition of short wings which include only the dozer end bits.

Standard Equipment

Standard and optional equipment may vary. Consult your Caterpillar Dealer for specifics.

Electrical

Alternator, 105 amp
Batteries, heavy-duty/maintenance-free
Converter, for 12-volt accessories
Diagnostic connector for starting and charging systems
Electric starter, heavy-duty
Electrical system, 24-volt
External lighting system (front and rear)
Starting receptacle for emergency starting

Operator environment

Air conditioner, R-134A refrigerant
Cab with sound suppression
Contour Series seat with air suspension
Cigarette lighter and ashtray
Coat hook
Dome courtesy light
Electric horn
External, two-post ROPS structure
Heater/defroster/pressurizer
In-cab storage for thermos, lunch box, cup
Load-sensing steering
Mirrors, rearview outboard
Monitoring system (VIDS) with gauges
Action alert system, three category
Quick-shift feature
Radio-ready cab for entertainment or two-way radio (three-point mounting)

Rearview mirrors
Retractable seat belt, seat-mounted
Seat-mounted hydraulic controls
Sight gauges, hydraulics and engine coolant
Single-lever implement control
STIC control system
Sunshade/visor, front and rear
Throttle lock
Tinted glass
Transmission gear indicator
Wiper and washer group (front, rear and corner)

Power train

AMOCS radiator
Axle oil coolers
Case drain filtration
Cat 3508B EUI Diesel engine
Crankcase guards
Demand fan
Extended life coolant
Impeller Clutch Torque Converter with lockup clutch
Oil-cooled multiple disc service brakes, enclosed and wet
Planetary power shift transmission
Secondary steering system
Separated cooling system
Sound suppressed muffler
Swing-out cooler cores

Other standard equipment

Backup alarm
Halogen lighting system, front/rear working lights, stop lights
High-speed oil change
Hydraulic oil cooler
Fast fuel fill
Fenders, front and rear
Locking engine enclosures
Rear access stairs
Vandalism protection caplocks

Tires

Several tire options are available

Optional Equipment

Optional equipment may vary. Consult your Caterpillar Dealer for specifics.

Battery, 4D gel
High ambient radiator
High pressure screens
Precleaner, Turbine non-metal
Right-hand stairway

Notes

854G Wheel Dozer

AEHQ5308-01 (12-99)
(Replaces AEHQ5308)

www.CAT.com
© 1998, 1999 Caterpillar
Printed in U.S.A.

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

CATERPILLAR®