# 854K Wheel Dozer





Model

Model	854K	854K
Serial Number Prefix	KK6	RM6
Engine		
Engine Model	Cat® C32 ACER	TM Cat C32 ACERT
Emissions	U.S. EPA Tier 4 Final	U.S. EPA Tier 2 Equivalent
Gross Power* – SAE J1995	671 kW 900 h	o 676 kW 900 hp
Net Power – ISO 9249	607 kW 814 h	o 607 kW 814 hp

Serial Number Prefix	KK6		RM6	
<b>Operating Specifications</b>				
Operating Weight	101 720 kg	224,254 lb	101 164 kg	223,027 lb
Blades				
Blade Capacities	25 to 45 m <sup>3</sup>	33 to 58 yd <sup>3</sup>		

854K

854K

<sup>\*</sup>Engine power ratings for machine with standard ambient cooling package.

# Lower your cost per ton with built-in durability.

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Cat Large Wheel Dozers are designed with durability built in, ensuring maximum availability through multiple life cycles. With optimized performance and simplified serviceability, our machines allow you to move more material efficiently and safely at a lower cost per ton.

Engineered for your demanding work in large dozing applications, the 854K Wheel Dozer is the largest in the Cat Wheel Dozer line and is an ideal match for large mining operations, power generating utilities, the general contracting industry and wherever mobility, versatility and compaction is needed.

# **Structures**Rost built for the toughe

Best built for the toughest conditions.





#### **Frames**

Your key to maximum uptime and productivity is our purpose built front and rear frames.

- Full box-section frames absorb torsional forces during dozing, maintaining alignment for hitch pins and drive line.
- Spread hitch design features double tapered roller bearings and hardened pins that resist both horizontal and vertical loads.
- Enhance strength in key pin areas through the use of one piece castings.



#### **Robust Structures**

Your bottom line is improved by highly durable structures that achieve multiple life cycles and withstand the toughest loading conditions.

- Full box-section rear frame resists torsional shock and twisting forces.
- Castings in the engine end frame are used in high stress areas to spread high loads.
- Cast axle pivot mounting areas better disperse stress loads for increased structural integrity.
- 90 percent of the machine structure is robotically welded to provide highly consistent welds and increased strength.



# **Push Beam and Push Arm Dozer Arrangement**

To ensure long life and reliability, solid one piece push beams are through-width, not merely attached to the side of the frame. In corner dozing, stresses are transferred and absorbed through a larger portion of the frame.





## Steering and Transmission Integrated Control System (STIC™)

Experience maximum responsiveness and control with STIC that combines directional selection, gear selection and steering into a single lever.

- Simple side-to-side motion turns machine right or left, minimizing operator movements.
- Easy to operate finger controlled gear selection.
- Smoother, faster cycles and less operator fatigue through the use of low effort integrated controls.

## **Cat Planetary Powershift Transmission**

Building your success begins with a best-in-class transmission designed specifically for mining applications.

- Consistent, smooth shifting and efficiency through integrated electronic controls.
- Long life and reliability through heat treat gear and metallurgy.
- Three forward and three reverse speeds to match your application.

# Cat C32 ACERT Engine

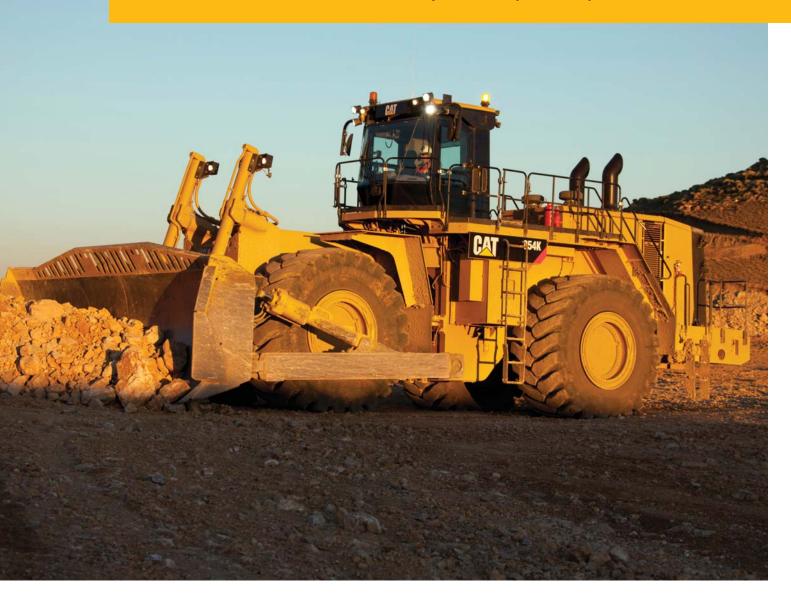
Durability and efficiency at the heart of your 854K comes from the Cat C32 engine with ACERT technology. Optimum performance is built in through the use of a 12-cylinder, four-stroke design.

- On-demand performance through the use of turbochargers and aftercoolers.
- High Torque Rise 33% torque rise ensures high lugging forces during dozing.
- Extended engine life through lower rpm ratings.
- Quick engine response through the use of electronic engine controls.
- U.S. EPA Tier 4 Final rating available for highly regulated regions.



# **Power Train**

Move material more efficiently with improved power and control.



## Impeller Clutch Torque Converter (ICTC) and Rimpull Control System (RCS)

Lower your cost per ton utilizing advanced ICTC and RCS for modulated rimpull.

- Reduce tire slippage and wear by modulating rimpull from 100 to 25 percent while depressing left pedal. After 25 percent rimpull is achieved the left pedal applies the brake.
- Reduce the potential for wheel slippage without reducing hydraulic efficiency with RCS.
- Improve fuel efficiency in certain applications with our lock-up clutch torque converter providing direct drive.

# **Hydraulics**

Productivity enabling you to move more and make more.





# **Electro Hydraulic Controls**

Operators increase productivity with our responsive implements feature.

- Operate comfortably through electronically controlled hydraulic cylinder stops.
- Handle easy-to-use soft detent controls.

# **Blade Response**

Improve operator efficiency by matching the speed of the blade movement to your application.

- Three different speeds: Standard, Fine and Fast.
- Easily configured through the advisor display.
- Only affects blade raise and lower functions.

# **Steering System**

Confident loader operation starts with precise machine control enabled by the 854K's load sensing hydraulic steering system.

- Increase efficiency with our variable displacement piston pumps.
- Achieve precise positioning for easy loading in tight areas with 43 degrees of steering articulation.
- Enhance operator comfort with integrated steering and transmission control functions.

## **Filtration System**

Benefit from extended performance and reliability of your hydraulic system with our advanced filtration system.

- Lift/tilt case drain filters.
- Lift/tilt high pressure screens.
- Steering case drain filters.
- Steering high pressure screens.
- Hydraulic case drain filters.
- Front pump drive lube filter.
- Front and rear brake oil screens.











Your operators can work more efficiently and stay comfortable with our customer-inspired cab features.

# **Entry and Exit**

Enter and exit the cab easily and safely with these newly designed, ergonomic features.

- Two side access points.
- Fold up STIC steer/arm rest.
- Reduced access stairway angles.

#### **Cat Comfort Series III Seat**

Enhance comfort and reduce operator fatigue with Cat Comfort Series III seat.

- High back design and extra thick, contoured cushions.
- Air suspension system.
- Easy-to-reach seat levers and controls for six way adjustments.
- Seat-mounted implement pod and STIC steer that moves with the seat.
- 76 mm (3 in) wide retractable seat belt.

## **Trainer Seat**

Safely train other operators in comfort with our standard training seat.

- 76 mm (3 in) wide, retractable seat belt.
- Fold-down design with molded drink tray and storage.



## **Environment**

Your operator's productivity is enhanced with our clean, comfortable cab environment.

- Experience reduced vibrations from viscous cab mounts and seat air suspension.
- Maintain desired cab temperature with automatic temperature controls.
- Pressurized cab with filtered air.
- Sound level reduced to a quiet 71 dB(A).







The 854K electronic systems have been completely integrated to function as one machine. This integration creates a smart machine and more informed operator, maximizing the productivity of both.

#### VIMS™ 3G

We have worked hard to help our customers and operators perform at their best through our Vital Information Management System (VIMS 3G).

- Easy-to-view Advisor Display features a large screen.
- Intuitive operation and easy navigation with our enhanced user interface.
- Decrease service time by keeping operators informed about machine system malfunction or operation.

## **Operator Profile**

Operator comfort begins with personalized machine feature settings. Through our Advisor Display, an operator can instantly recall personalized profiles.

- Store up to 10 separate operator profiles through Advisor.
- Decrease setup time between operators by recalling personalized screen layouts.







# Cat MineStar System

Work more productively.

Cat MineStar System is the industry's broadest suite of integrated mine operations and mobile equipment management technologies, configurable to suite your operation's needs. Its capability sets – Fleet, Terrain, Detect, Health and Command – contain a range of technologies that let you manage everything from fleet assignment and condition monitoring to remote and autonomous control. The 854K can take advantage of many of these advanced technologies, some of which are standard out of the factory.

#### Fleet

Fleet provides comprehensive, real-time machine tracking, assignment and productivity management, giving you a comprehensive overview of all operations from anywhere in the world.

#### **Terrain for Loading**

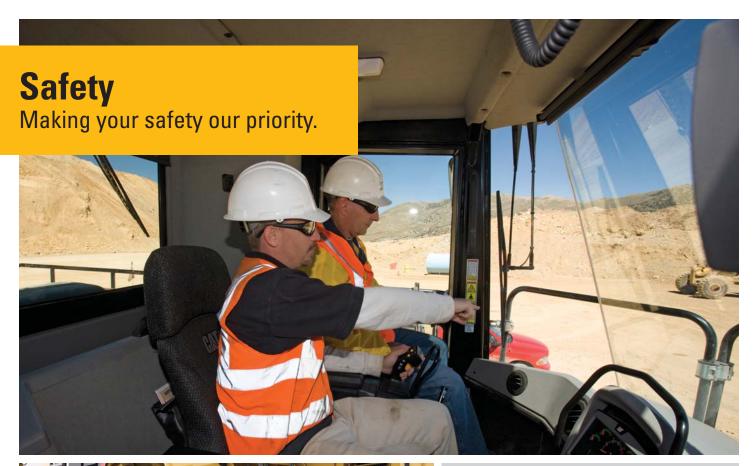
Terrain with your 854K enables high-precision management of loading operations through the use of guidance technology. It increases 854K's productivity and provides you real-time feedback for improved efficiency.

#### **Detect**

Detect helps increase operator awareness, enhancing safety at your operation. It includes a range of capabilities designed to assist the operator with areas of limited visibility around fixed and mobile equipment.

#### Health

Health delivers critical event-based machine condition and operating data for your entire fleet. It includes comprehensive equipment health and asset monitoring capabilities, with a wide range of diagnostic, analytic and reporting tools.





# **Powered Access System**

The Cat powered access system allows easier access to the primary stairs by improving ingress and egress to and from the rear platform.

- Safe, ergonomic access system.
- All operators have adequate space when using the wide stairway.
- Operators maintain three-point contact when using full handrails on each side.
- Raise lower platform from cab level or ground.
- Occupants can quickly exit with a conveniently located emergency release valve if the loader becomes inoperable.

We are constantly improving our products in an effort to provide a safe work environment for the operator and those who work on your job site.

#### **Machine Access**

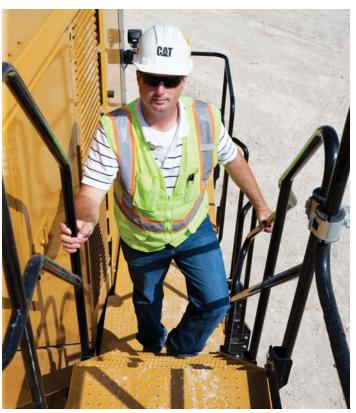
- Wider stairs with reduced stair angles provide a safe means for operators getting on and off the 854K.
- Walkways with non-skid surfaces and integrated lock out/tag out points are designed into the service areas.
- Windshield cleaning platforms provide safe and convenient access for the operator.
- Maintain three points of contact at all times through ground level or platform accessible service areas.
- Emergency egress access.

# **Visibility**

- Optional pull-down window shade and optional heated mirrors ensure extended visibility for safe operation.
- Cat Detect with Object Detection System (rearview camera and radar) or Vision (rearview camera) option increases operator awareness around the machine.
- Standard HID lights provide excellent workspace visibility.
- Cab mounted LED warning beacons.

#### **Operator Environment**

- Low vibrations to the operator with viscous cab mounts and seat air suspension.
- · Low interior sound levels.
- Operator training seat facilitates safe new operator training.
- Standard 76 mm (3 in) seat belts on the operator seat and operator training seat.







# **Serviceability**

Enabling high uptime by reducing your service time.



# We can help you succeed by ensuring your 854K has design features to reduce your downtime.

- Longer service intervals on fluids and filters.
- Safe and convenient service with ground level or platform access and grouped service points.
- Swing-out doors on both sides of the engine compartment provide easy access to important daily service checks.
- Ecology drains for ease of service and prevention of spilling potential environmental contaminants.
- Centralized remote pressure taps.
- Reduce downtime with VIMS system notifications so your operators and technicians can resolve any problems before failure.

# **Customer Support**

Your Cat dealers know how to keep your mining machines productive.

# **Legendary Cat Dealer Support**

A valued partner, your Cat dealer is available whenever you need them.

- Preventive maintenance programs and guaranteed maintenance contracts.
- Best-in-class parts availability.
- Improve your efficiency with operator training.
- Genuine Cat Remanufactured parts.

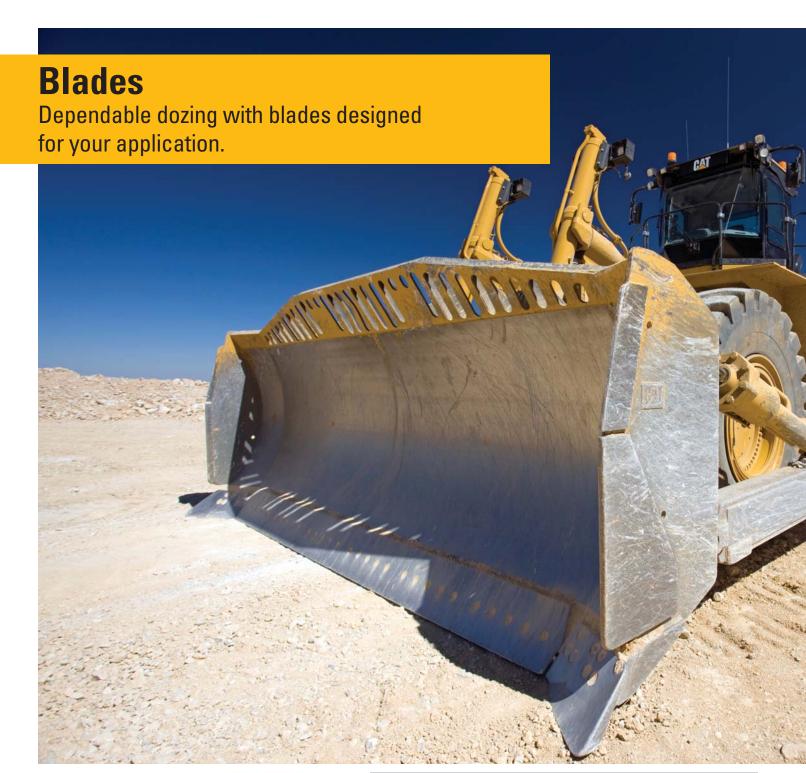


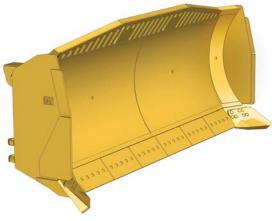


#### **Sustainable Benefits**

The 854K is designed to maximize efficiency and productivity while conserving natural resources.

- Engine Idle Shutdown can help you save fuel by avoiding unnecessary idling.
- Reduce waste to the environment with our maintenance free or extended maintenance batteries.
- Built for multiple lives, the Cat 854K is one of the most rebuilt products. 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.





# **Heavy-Duty Semi-U**

For unmatched durability in high wear applications the Semi-U blade feature:

- Hardox 400 Liner plate and side plates
- Additional reinforcements on the bottom of the blade



# **Dependable Blades**

Maximize your productivity with the right blade for your dozer application.

- High strength, pressed rib construction.
- Large Cat Track-Type Tractor bolt on cutting edges and bottom wear plates.
- Optimized widths and capacities for excellent dozing and rolling characteristics.

#### **Coal Blade**

• Increase your productivity with a Cat coal blade designed to retain load control and a large capacity for lighter materials.

#### **Semi-U Blade**

Featuring the characteristics of the S and U blades into one package for increased capacity while retaining excellent spreading characteristics of a straight blade.



# **854K Wheel Dozer Specifications**

Engine		
Engine Model	Cat C32 AC	ERT
Emissions	U.S. EPA T	ier 4 Final
Gross Power – SAE J1995	671 kW	900 hp
Net Power ISO – 9249	607 kW	814 hp
Emissions	Tier 2 Equiv	valent
Gross Power – SAE J1995	676 kW	907 hp
Net Power ISO – 9249	607 kW	814 hp
Rated Speed	1,750 rpm	
Bore	145 mm	5.7 in
Stroke	162 mm	6.4 in
Displacement	32.1 L	1,958 in <sup>3</sup>
Peak Torque @ 1,200 rpm	4242 N·m	3,139 lbf-ft
Torque Rise	30%	

- Net power advertised is the power available at the flywheel when the engine is equipped with fan, air cleaner, muffler and alternator.
- Net torque rise meets SAE J139.
- No engine derating required up to 3050 m (10,000 ft) altitude.

1.720 kg	224 254 lb
	1 720 kg

Transmission		
Transmission Type	Cat Planetar	y Power Shift
Converter Drive Forward 1	7.1 km/h	4.4 mph
Converter Drive Forward 2	12.4 km/h	7.7 mph
Converter Drive Forward 3	21.2 km/h	13.2 mph
Converter Drive Reverse 1	7.7 km/h	4.8 mph
Converter Drive Reverse 2	13.5 km/h	8.4 mph
Converter Drive Reverse 3	23.5 km/h	14.6 mph
Direct Drive Forward 1	Lock-up disa	abled
Direct Drive Forward 2	13.0 km/h	8.1 mph
Direct Drive Forward 3	22.8 km/h	14.2 mph
Direct Drive Reverse 1	8.0 km/h	5.0 mph
Direct Drive Reverse 2	14.3 km/h	8.9 mph
Direct Drive Reverse 3	25.1 km/h	15.6 mph

<sup>•</sup> Travel speeds based on 45/65-45 L-5 46 ply tires.

Hydraulic System – Lift/Tilt		
Output at 1,850 rpm and 6900 kPa (1,000 psi)	610 L/min	161 gal/min
Cylinder, Double-acting: Lift, Bore and Stroke	177 mm × 1760 mm	0.58 ft × 5.8 ft
Cylinder, Double-acting: Tilt and Tip, Bore and Stroke	267 mm × 286 mm	0.88 ft × 0.94 ft
Relief Valve Setting – Lift (Large Pump)	22 675 kPa	3,289 psi
Relief Valve Setting – Tilt (Small Pump)	24 560 kPa	3 560 nsi

# **854K Wheel Dozer Specifications**

Service Refill Capacities		
Fuel Tank – Standard	1562 L	413 gal
Cooling System	200 L	53 gal
Crankcase	120 L	32 gal
Transmission	169 L	45 gal
Differentials and Final Drives – Front	369 L	98 gal
Differentials and Final Drives – Rear	342 L	90 gal
Hydraulic System – Implement and Brakes (Tank only)	326 L	81 gal
Hydraulic System – Steering and Engine Cooling Fan (Tank only)	290 L	77 gal

Axles		
Front	Fixed	
Rear	Oscillating	at ±10 degrees
Maximum Single-wheel Rise and Fall	573 mm	22.6 in

Brakes	
Brakes	Meets ISO 3540:2011

Cab	
Air Conditioning	Standard air conditioning system contains environmentally friendly R134a refrigerant
Cab – ROPS/FOPS	SAE J1040 MAY94, ISO 3471:2008, ISO 3471:2005

Cat cab with separate Rollover Protective Structure/Falling Object Protective Structure (ROPS/FOPS) is standard in North America, Europe and Japan.

- ROPS meets SAE J1040 MAY94, ISO 3471:2008 and ISO 3471:1994 criteria.
- FOPS meets SAE J231 JAN81 and ISO 3449:1992 Level II criteria.

#### Sound Performance

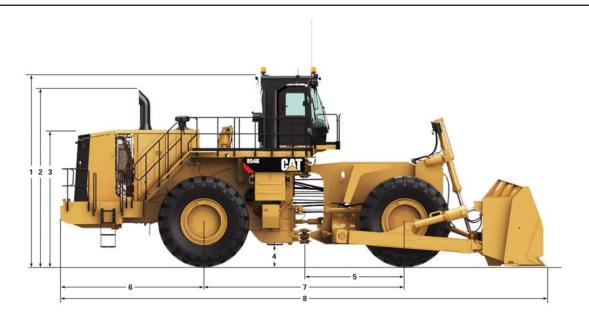
- The operator sound exposure Leq (equivalent sound pressure level) measured according to the work cycle procedures specified in ANSI/SAE J1166 FEB08 is 71 dB(A), for the cab offered by Caterpillar, when properly installed, maintained and tested with the doors and windows closed.
- Hearing protection 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 FEB06, mid-gear-moving operation, is 87 dB(A).
- The dynamic operator sound pressure level is 71 dB(A) when ISO 6396:2008 is used to measure the value for an enclosed cab.

Steering		
Minimum Turning Radius	9550 mm	31 ft
Total Steering Angle	86 Degrees	
Hydraulic Output at 1,850 rpm and 6900 kPa (1,000 psi)	470 L/min	124 gal/min
Relief Valve Setting	34 500 kPa	5,004 psi

# **854K Wheel Dozer Specifications**

# **Dimensions**

All dimensions are approximate.



1 Height to Top of ROPS	5590 mm	18 ft 3 in
2 Height to Top of Exhaust Pipe	5234 mm	17 ft 2 in
3 Height to Top of Hood	3984 mm	13 ft 0 in
4 Ground Clearance	691 mm	27 in
5 Center Line of Front Axle to Hitch	2945 mm	9 ft 8 in
6 Center Line of Rear Axle to Edge of Bumper	4195 mm	13 ft 9 in
7 Wheelbase	5890 mm	19 ft 3 in
8 Length with Blade on Ground	13 405 mm	44 ft 0 in

# **Blade Specifications**

Blade Type	Capacity	Overall Width	Height	Digging Depth	Ground Clearance	Maximum Tilt	Weight	Total Operating Weight
Semi-U	25.4 m <sup>3</sup>	6321 mm	2179 mm	398 mm	1540 mm	1165 mm	10 161 kg	101 720 kg
	33.2 yd <sup>3</sup>	20.7 ft	7.1 ft	1.3 ft	5.1 ft	3.8 ft	22,400 lb	224,239 lb
Heavy-duty	25.4 m <sup>3</sup>	6321 mm	2179 mm	398 mm	1540 mm	1165 mm	10 750 kg	102 309 kg
Semi-U	33.2 yd <sup>3</sup>	20.7 ft	7.1 ft	1.3 ft	5.1 ft	3.8 ft	23,698 lb	225,538 lb
Coal	44.7 m <sup>3</sup>	7200 mm	2500 mm	398 mm	1540 mm	1706 mm	10 333 kg	101 892 kg
	58.5 yd <sup>3</sup>	23.6 ft	8.2 ft	1.3 ft	5.1 ft	5.6 ft	22,779 lb	224,619 lb

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

## **Standard Equipment**

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

#### **ELECTRICAL**

- · Alarm, back-up
- Alternator (150-amp)
- Batteries, low maintenance
- Deutsch & Amp Seal terminal connectors
- ECM diagnostic connector
- Ground level electrical disconnect
- Ground level starting receptacle for emergency start
- Lighting system, halogen (front and rear)
- · Lighting, access stairway
- Starter, electric (heavy duty)
- Starting and charging system (24-volt)

#### **OPERATOR ENVIRONMENT**

- · Advisor display
- Air conditioner and heater with automatic temperature control
- Cab, sound suppressed, pressurized, rollover protective structure (ROPS/FOPS) Radio ready for (entertainment) includes antenna, speakers, and 1 × 12V converters (24-volt, 10 amp) for use with laptop/cell phone
- Cigar lighter and ashtray
- · Coat hook
- Electro-hydraulic tilt and lift control system locks
- Heater and defroster
- Horn, electric
- Implement and steering lockouts
- VIMS 3G monitoring system
- -Action alert system, three category
- -Instrumentation, gauges:
  - Engine Coolant Temperature
- Fuel Level
- Hydraulic Oil Temperature
- Tachometer
- Transmission Gear Indicator
- Transmission Oil Temperature
- Light, dome (cab)
- Lunchbox and beverage holders

- Mirrors, rearview (externally mounted)
- Seat belt, retractable, 76 mm (3 in) wide operator and trainer seats
- Seat, Cat Comfort (cloth) air suspension
- STIC control system
- · Tinted glass
- Wet-arm wipers/washer (front, rear, and corners), intermittent front wipers

#### **POWER TRAIN**

- Air-to-Air After cooler (ATAAC)
- · Auto Idle Kickdown
- Axle oil coolers (front and rear)
- Brakes, fully hydraulic, enclosed, wet multiple disc service brakes and dry parking/secondary brake
- · Case drain filters
- Delayed Engine Shutdown
- Demand fan
- · Electric fuel priming pump
- Engine, Cat C32 ACERT
- Ground level engine shutdown
- · Ground level fast fill fuel
- Ground level transmission lockout
- Ground level starter lockout
- Idle Engine Shutdown
- Precleaner, engine air intake
- Next Generation Modular Radiator (NGMR)
- Starting aid (ether), automatic
- Throttle lock
- Transmission, 533 mm (21 in) planetary, powershift with 3F/3R, electronic control
- Venturi Exhaust Stacks

#### **OTHER STANDARD EQUIPMENT**

- Autolube
- Automatic bucket lift/tilt kickouts, electronically adjustable from cab
- Bumper service center
- Couplings, Cat O-ring face seals

- Doors, service access (locking)
- Emergency platform egress
- Fenders, steel (front and rear)
- Grouped hydraulic pressure ports
- Guards, power train and crankcase
- Hitch, drawbar with pin
- Hoses, Cat XTTM and XT-ES
- Hydraulic oil cooler
- Impeller clutch
- Implement and steering ecology drains
- Mufflers, under hood
- Oil sampling valves
- Piston pump case drain filters
- Electro-hydraulic blade controls
- Product Link<sup>TM</sup>
- Service center with ground level electrical and fluids service center
- · Sight gauges:
- -Coolant level
- -Implement oil level
- -Steering oil level
- -Transmission oil level
- Starter lockout, bumper
- Stairway, left and right rear access
- · Steering, load sensing
- Toe kicks
- Transmission lockout, bumper
- Vandalism protection caplocks
- Windshield cleaning platforms
- · Venturi Stack

#### TIRES, RIMS, AND WHEELS

• A tire must be selected from the mandatory attachments section. Base machine price includes a tire allowance.

#### **ANTIFREEZE**

 Premixed 50 percent concentration of extended life coolant with freeze protection to -34° C (-29° F)

# **854K Optional Equipment**

# **Optional Equipment**

Optional equipment may vary. Consult your Cat dealer for details.

#### **BLADES**

- Semi-U 25.4 m<sup>3</sup> (33.1 yd<sup>3</sup>)
- HD Semi-U  $25.4 \text{ m}^3 (33.1 \text{ yd}^3)$
- Coal 44.7 m<sup>3</sup> (58.2 yd<sup>3</sup>)

#### **ELECTRICAL**

- 10A converter
- HID lights
- Object Detection
- · Rear vision camera
- LED strobe warning beacons

#### **OPERATOR ENVIRONMENT**

- AM/FM/CD/MP3 radio
- Cab precleaner
- Sirius/USB/Bluetooth® radio
- Sun screen

#### **STARTING AIDS**

- Engine coolant 120V heater
- Engine coolant 240V heater

#### **MACHINE CONTROL AND GUIDANCE**

• CAES attachment ready option

#### **MISCELLANEOUS ATTACHMENTS**

- Arctic Antifreeze for protection to  $-50^{\circ}$  C  $(-58^{\circ}$  F)
- Diagnostic lines
- · Roading fenders

# **854K Mandatory Attachments**

## **Mandatory Attachments**

Select one from each group. Mandatory equipment may vary. Consult your Cat dealer for details.

#### **AXLES**

- · Standard front and rear
- Standard front and no-spin rear

#### **CAB**

- · Standard glass
- Rubber mounted glass

#### **LIGHT ARRANGEMENTS**

- · Lights, standard
- · Lights, HID
- Lights, LED

#### **ELECTRONICS**

• VIMS display software (select language group)

#### **OPERATOR SEAT**

- · Seat, heated
- · Seat, standard

#### MIRROR ARRANGEMENT

- · Mirror, heated
- · Mirror, standard

#### **Product Link**

- Product Link Satellite
- Product Link Cellular

#### **ENGINE ARRANGEMENTS**

- · Engine, standard
- Engine, standard, sound suppression
- Engine, brake
- Engine, brake, sound suppression

#### **FUEL ARRANGEMENTS**

- Fuel arrangement, fast fill
- Fuel arrangement, fast fill, heated (fuel heater)

#### **COOLING ARRANGEMENTS**

- High Ambient for ambient temperatures 55° C (131° F)
- Standard for ambient temperatures 43° C (109° F)

#### STEERING AND FILTRATION SYSTEMS

- Secondary steering, deluxe filtration
- Secondary steering, standard filtration

#### INTEGRATED OBJECT DETECTION SYSTEM

- · Camera, rear vision
- Detection, Object (Radar)

## **OPERATION AND MAINTENANCE MANUAL**

- English version
- French version
- German version
- Greek version
- Hebrew version
- Italian version
- Japanese version
- · Norwegian version
- Portuguese version
- · Russian version
- · Spanish version
- Swedish version
- · Thai version
- Turkish version

#### **TIRES**

• Consult your Cat dealer for current options

#### PRODUCT LINK

• Required for NACD, LACD, Europe, Turkey, Australia, and New Zealand

# Notes

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

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

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