

D4

Track-Type Tractor



Engine

Engine Model	Cat® C4.4 with twin turbo	
Emissions	U.S. EPA Tier 4 Final/ EU Stage IV/Japan 2014/ Korea Tier 4	
Net Power (Rated)		
ISO 9249	97 kW	130 hp
ISO 9249 (DIN)		132 hp

Weight

Operating Weight		
D4	13 271 kg	29,258 lb
D4 LGP	13 909 kg	30,664 lb

New Names, Same World-Class Performance

The update from D6K2 to D4 is part of an effort to make all Cat dozer model names simpler. Over the next couple of years, the Cat dozer range will be renamed from smallest to largest – D1 to D11 – with one model per size class and no more letter modifiers like “N,” “K,” “T.”

While the number may be different, the D4 gives you all the advantages of the D6K2. The D4 delivers optimal grading performance, excellent fuel efficiency and a choice of technology features to help you get jobs done faster and more accurately.

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D4



D6K2



The D4 dozer is smart and efficient. It comes equipped with GRADE technologies like Cat GRADE with Slope Assist™ to make it easier for even less experienced operators to get more quality work done in less time. But intelligence is only part of the package – the efficient power train and Eco Modes deliver outstanding fuel efficiency, while providing superior maneuverability, faster steering response and greater capability to utilize full blade loads. This dozer also retains its optimal balance and undercarriage design for outstanding performance in finish grading applications.



Power and Efficiency

Designed for performance

Powerful Drive Train

A Cat C4.4 engine with twin turbochargers is combined with a hydrostatic transmission to give you excellent fuel efficiency and the most power-dense drive train in its size class. The hystat transmission offers superior maneuverability, faster steering response and greater capability to utilize full blade loads.

Eco Modes

Eco Modes optimize engine speed, while maintaining ground speed, saving up to 17 percent fuel* in lighter blade load applications like finish grading.

Reduced Idling

Efficiency features reduce engine speed when idling, or shut the machine down after a specified time, to further save fuel and meet idling regulations. Engine Idle Shutdown shuts down engine after pre-set time to reduce idling and help save fuel.

Traction Control

Automatic traction control is standard to reduce track slip in poor underfoot conditions, improving productivity and finish surface quality.

Effective Cooling

Cooling package allows more air flow, reducing fan speed for greater efficiency. Hydraulic demand fan automatically reduces fan speed in cooler conditions/light applications to help save fuel. An optional hydraulic reversing fan offers automatic or manual modes for changing direction to blow debris out of the radiator cores.

**Compared to previous model.*



Operator Station

Comfort and Productivity



Spacious, quiet cab offers all-day comfort with wide door openings and an air suspension seat. Ergonomic, seat-mounted joystick controls isolate vibration. Excellent visibility to the blade, curbs and tight spaces help you work more precisely.

The Liquid Crystal Display (LCD) is easy to read. The rear camera and Slope Assist also show on this screen.

Implement and Steering Controls

- Single joystick for speed, direction and steering; includes thumb wheel for speed adjustment and traction control.
- Dozer/implement controls give you 6-way control of the VPAT blade and allows power pitch adjustment. Blade shake feature helps shed sticky material.
- Quick blade response.
- Intuitive, precise electro-hydraulic controls with sensitivity adjustment – fine, medium, coarse.
- Rear vision camera for enhanced visibility behind the machine.
- Heating/ventilation/air conditioning system cools fast and circulates air close to the operator for more comfort.
- Bi-directional control lets you dial preselected forward/reverse gears for reduced effort and improved efficiency. Save the settings as operator profile for even more convenience.
- Added comfort options like heated/ventilated seat and heated control handles.



Ease of Operation

Intuitive and precise

Whether the D4 is a permanent part of your fleet or rented for the short term, operators will find this machine easy to operate.

- Technologies like Slope Assist and Stable Blade are integrated right into the dozer to help even less experienced operators achieve a quality grade more quickly, and with fewer inputs.
- Joystick controls are intuitive and precise.
- Machine balance and undercarriage are designed for faster finish grading.
- Rear vision camera provides better visibility behind the machine.
- Machine width and folding blade option allow for easy transport.



Emissions Technology

Proven, integrated solutions



- Emissions technology works in the background – no action required from the operator, no stopping for regeneration.
- Diesel Exhaust Fluid (DEF) use typically about 2.5 percent of fuel consumption – provides excellent overall fluid efficiency.
- Diesel Particulate Filter designed for the life of the engine – no need to clean out.
- Pump automatically purges DEF lines to help prevent freezing.

Cat Technologies

Monitor, manage and enhance job site operations



GRADE for Dozers

Cat GRADE technologies help you hit target grade faster and more accurately. Finish jobs in fewer passes, and with less operator effort, saving you time and helping you increase profit.

Cat GRADE with Slope Assist automatically maintains blade position without a GPS signal. Put it to work building pads, creating simple design plans on-the-go, or working where GPS is unavailable. Experienced operators can work more productively and less experienced operators can achieve better quality results more quickly.

Cat Slope Indicate displays machine cross-slope and fore/aft orientation on the primary monitor, helping operators work more accurately on slopes.

Cat Stable Blade complements the operator's blade-control input for attaining finish grades quicker with less effort.

Cat GRADE with 3D is updated for greater speed, accuracy and flexibility. Factory-integrated system eliminates position sensing cylinders and antennas integrated into the cab roof for better protection. A more intuitive 10-inch (254 mm) touchscreen display is easier to use. The Attachment Ready Option (ARO) is part of the package for added versatility, and AutoCarry™ is included to further boost productivity.

Attachment Ready Option (ARO) allows you to easily install or upgrade to 2D and 3D grade-control systems to add versatility and resale value to your machine.





REMOTE SERVICES

The Cat App helps you manage your assets – at any time – right from your smartphone.

See fleet location and hours, get critical required maintenance alerts, and even request service from your local Cat dealer.



CAT LINK

Cat Link telematics technology helps take the complexity out of managing your job sites – by gathering data generated by your equipment, materials, and people – and serving it up to you in customizable formats.

CAT PRODUCT LINK™

Product Link™ collects data automatically and accurately from your assets – any type and any brand. Information such as location, hours, fuel usage, productivity, idle time, maintenance alerts, diagnostic codes, and machine health can be viewed online through web and mobile applications.

VISIONLINK®

Access information anytime, anywhere with VisionLink® – and use it to make informed decisions that boost productivity, lower costs, simplify maintenance, and improve safety and security on your job site. With different subscription level options, your Cat dealer can help you configure exactly what you need to connect your fleet and manage your business, without paying for extras you don't want. Subscriptions are available with cellular or satellite reporting or both.



Blades

- Rugged Variable Pitch Angle Tilt (VPAT) blade allows you to hydraulically adjust lift, angle and tilt for precise results.
- Wide blade helps you get more work done in less time.
- Blade shake feature for easy removal of material.
- Folding blade option helps limit transport width.
- Power pitch option lets you easily adjust blade to optimum pitch for your application using buttons on the right hand control.

Equipped for the Job

Optimize your machine

Rear Implements

To help you match your dozer to the task at hand, you can outfit your D4 with a multi-shank parallelogram ripper, winch or drawbar. A dual control package makes it simple to utilize either a ripper or winch.

Ask your Cat dealer for available options to help you optimize your machine for the work you do.

Forestry Arrangement

Specialized arrangement includes a forestry blade, hydrostatic winch, 360 degree guarding for added protection of the cab and a heavy-duty rear tank guard.



Undercarriage

- Optimized undercarriage – eight bottom rollers/two carrier rollers for smoother ride and improved finish grading. Equalizer bar design supports faster fine grading speed.
- Choose Heavy Duty undercarriage for aggressive applications like land clearing, side-slopes or rocky terrain.
- Choose Cat Abrasion undercarriage that is designed to work and wear as a system for longer life and lower costs in abrasive or low/moderate impact applications.
- A broad choice of track shoe designs and widths help you further optimize your machine for performance and longer life.



Serviceability and Customer Support

When uptime counts



Long service intervals and easy maintenance keep the machine up and running to help lower your owning and operating costs.

- Large, hinged door on the left side of the engine compartment for easy access to all regular engine maintenance points.
- Easy access to oil and fuel filters saves routine maintenance time.
- Easy ground-level access to hydraulic filters located in the left rear service compartment.
- Grouped maintenance and diagnostic points.
- Ground level access to Diesel Exhaust Fluid fill.
- Track roller frame designed for easy clean out.
- Optional bracket mounts to rear of machine to keep a shovel handy.
- Optional onboard refueling pump is designed to make remote fueling from a fuel drum safer and faster.

D4 Track-Type Tractor Specifications

Engine

Engine Model	Cat C4.4 with twin turbo	
Emissions	Tier 4 Final/Stage IV/ Japan 2014/Korea Tier 4 Final	
Engine Power (maximum)		
SAE J1995	119 kW	160 hp
ISO 14396	117 kW	157 hp
ISO 14396 (DIN)	159 hp	
Net Power (Rated)		
SAE J1349	95 kW	128 hp
ISO 9249	97 kW	130 hp
ISO 9249 (DIN)	132 hp	
Bore	105 mm	4.13 in
Stroke	127 mm	4.99 in
Displacement	4.4 L	268.5 in ³

- All non road Tier 4 Interim and Final, Stage IIIB and IV, Japan 2014 (Tier 4 Final), and Korea Tier 4 diesel engines are required to use only Ultra Low Sulfur Diesel (ULSD) fuels containing 15 ppm EPA/10 ppm EU (mg/kg) sulfur or less. Biodiesel blends up to B20 (20% blend by volume) are acceptable when blended with 15 ppm (mg/kg) sulfur or less ULSD. B20 should meet ASTM D7467 specification (biodiesel blend stock should meet Cat biodiesel spec, ASTM D6751 or EN 14214). Cat DEO-ULS™ or oils that meet the Cat ECF-3, API CJ-4, and ACEA E9 specification are required. Consult your OMM for further machine specific fuel recommendations.
- Diesel Exhaust Fluid (DEF) used in Cat Selective Catalytic Reduction (SCR) systems must meet the requirements outlined in the International Organization for Standardization (ISO) standard 22241.
- Engine ratings at 2,200 rpm
- Net power advertised is the power available at the engine flywheel when the engine is equipped with the air cleaner, alternator, A/C compressor at full load and cooling fan at maximum speed.
- No engine derating required up to 3000 m (9,840 ft) altitude; beyond 3000 m (9,840 ft) automatic derating occurs.

Transmission – Travel Speed

Transmission Type	Hydrostatic	
Forward	0-10 km/h	0-6.2 mph
Reverse	0-10 km/h	0-6.2 mph

Service Refill Capacities

Fuel Tank	260 L	69 gal
DEF Tank	19 L	5 gal
Cooling System	30 L	7.9 gal
Engine Crankcase	11 L	2.9 gal
Final Drives (each)	18.5 L	4.9 gal
Hydraulic Tank	64 L	16.9 gal

Weights

Operating Weight		
D4	13 271 kg	29,258 lb
D4 LGP	13 909 kg	30,664 lb
Shipping Weight		
D4	12 996 kg	28,651 lb
D4 LGP	13 634 kg	30,058 lb

- Operating weights: includes EROPS, A/C, lights, VPAT Dozer, transmission, drawbar, engine enclosure, 3-valve hydraulics, 100% fuel, Cat Comfort Series air suspension seat and operator.
- Shipping weights: includes EROPS, A/C, lights, VPAT Dozer, transmission, drawbar, engine enclosure, 3-valve hydraulics, 10% fuel, Cat Comfort Series air suspension seat.

Undercarriage

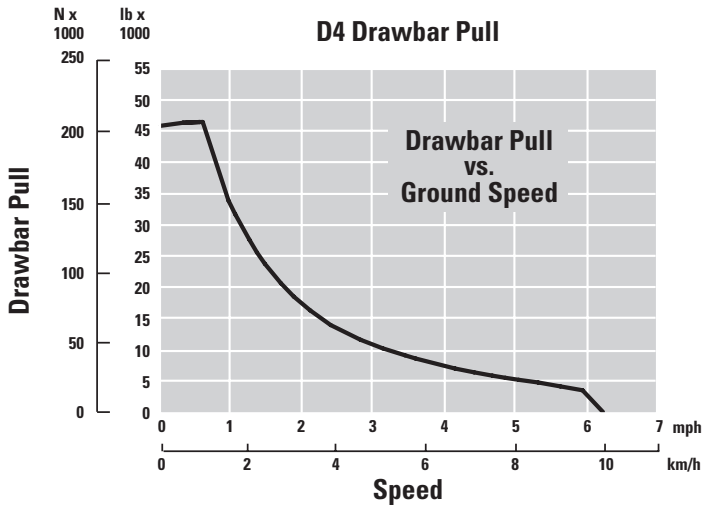
Width of Shoe		
D4	560 mm	22 in
D4 LGP	760 mm	30 in
Shoes/Side	40	
Grouser Height		
MS Shoe	48 mm	1.9 in
ES Shoe	57 mm	2.2 in
Track Gauge		
D4	1770 mm	70 in
D4 LGP	2000 mm	79 in
Track on Ground	2645 mm	104 in
Ground Contact Area (ISO 16754)		
D4	3.27 m ²	5070 in ²
D4 LGP	4.46 m ²	6912 in ²
Ground Pressure (ISO 16754)		
D4	39.8 kPa	5.77 psi
D4 LGP	30.6 kPa	4.44 psi
Track Rollers/Side	8	



オフロード法2014年
基準適合

D4 Track-Type Tractor Specifications

Drawbar Pull



Blades

Blade Type	VPAT, VPAT Foldable*	
Blade Capacity		
VPAT	3.26 m ³	4.26 yd ³
LGP, VPAT	3.81 m ³	4.98 yd ³
Blade Width Over End Bits		
VPAT	3196 mm	10.5 ft
LGP, VPAT	3682 mm	12.0 ft

*VPAT foldable blades have the same capacity and width as the VPAT blades.

Ripper

Type Fixed	Parallelogram	
Pocket Spacing	896 mm	35.3 in
Shank Gauge	1792 mm	70.6 in
Shank Section	58.5 × 138 mm	2.3 × 5.4 in
Number of Pockets	3	
Overall Beam Width	1951 mm	76.8 in
Beam Cross Section	165 × 211 mm	6.5 × 8.3 in
Maximum Penetration Force		
D4	42.2 kN	9,480 lb
D4 LGP	45.1 kN	10,138 lb
Maximum Pry-out Force		
D4	166.7 kN	37,480 lb
D4 LGP	166.7 kN	37,480 lb
Maximum Penetration	360 mm	14.2 in
Weight with One Shank	845 kg	1,863 lb
Each Additional Shank	34 kg	75 lb

Winch

Winch Model	PA50	
Winch Drive	Hydrostatic	
Weight*	907 kg	2,000 lb
Winch and Bracket Length	845 mm	33.2 in
Winch Case Width	740 mm	29.1 in
Drum Diameter	205 mm	8 in
Drum Width	274 mm	11 in
Flange Diameter	457 mm	18 in
Drum Capacity (recommended rope)	93 m	306 ft
Drum Capacity (optional rope)	67 m	220 ft
Rope Recommended Diameter	19 mm	0.75 in
Optional Cable Size	22 mm	0.87 in
Cable Ferrule Size (O.D.)	54 mm	2.13 in
Cable Ferrule Size (length)	67 mm	2.63 in
Maximum Bare Drum		
Line Pull	222.4 kN	50,000 lbf
Line Speed	38 m/min	124 ft/min
Maximum Full Drum		
Line Pull	115.7 kN	26,000 lbf
Line Speed	70 m/min	230 ft/min

*Weight includes: pump, operator controls, oil, mounting brackets and spacers.

D4 Track-Type Tractor Specifications

Standards

ROPS/FOPS

- ROPS (Rollover Protective Structure) offered by Caterpillar for the machine meets ROPS criteria ISO 3471:2008.
- FOPS (Falling Object Protective Structure) meets ISO 3449-2005 Level II.

Brakes

- Brakes meet the standard ISO 10265:2008.

Sound and Vibration Information

- The declared dynamic operator sound pressure level is 76 dB(A) when “ISO 6396:2008” is used to measure the value for an enclosed cab. The measurements were conducted at the maximum engine cooling fan speed. The sound level may vary at different engine cooling fan speeds. The cab was properly installed and maintained. The measurements were conducted with the cab doors and the cab windows closed.

NOTE: The dynamic operator sound pressure level uncertainty is ± 2 dB(A).

- Hearing protection may be needed when the machine is operated with an open operator station, in a noisy environment, or with a cab that is not properly maintained.
- The guaranteed exterior sound power level is 109 dB(A) when the value is measured according to the dynamic test procedures and the conditions that are specified in “ISO 6395:2008.” The measurements were conducted at the maximum engine cooling fan speed. The sound level may vary at different engine cooling fan speeds.

Sound Level Information for Machines in European Union Countries and in Countries that Adopt the “EU Directives.” The information below applies to only the machine configurations that have the “CE” mark on the Product Identification Plate.

- If equipped, the certification label – 109 dB(A) – is used to verify the environmental sound certification of the machine to the requirements of the European Union. The value that is listed on the label indicates the guaranteed exterior sound power level (L_{WA}) at the time of manufacture for the conditions that are specified in “2000/14/EC.”

Sustainability

Vibration Levels

- The hand/arm vibration of this machine is below 2.5 m/s^2 , for an experienced operator in a dozing application.
- The whole body vibration information is available in Operation and Maintenance Manual SEBU8257, “The European Union Physical Agents (Vibration) Directive 2002/44/EC,” and in Pocket Guide HEGQ3339 “Driving Down Vibration,” available from your local Cat dealer.
- Operator’s seat meets the input “spectral class EM6” according to ISO 7096:2000. Seat has a transmissibility factor of “SEAT<0.7.”

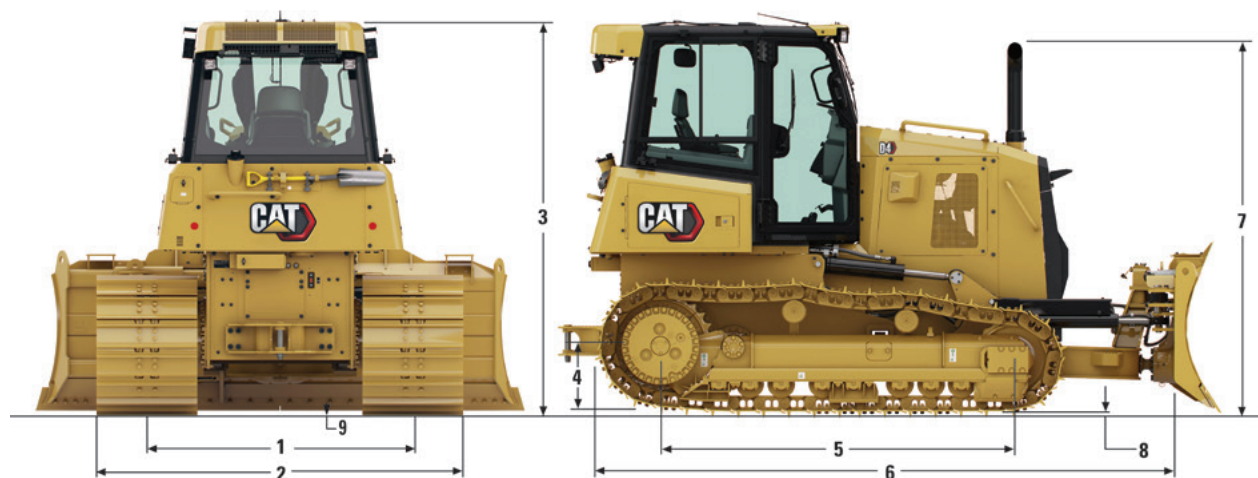
Air Conditioning System

The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 1.3 kg of refrigerant which has a CO₂ equivalent of 1.859 metric tonnes.

D4 Track-Type Tractor Specifications

Dimensions

All dimensions are approximate.



Tractor Dimensions

	D4		D4 LGP	
1 Track Gauge	1770 mm	70 in	2000 mm	79 in
2 Width of Tractor	With the Following Attachments:			
Standard Shoes without Blade	2330 mm	92 in	2760 mm	109 in
Standard Shoes with VPAT Blade Angled 25°	2896 mm	114 in	3337 mm	131 in
Standard Shoes with Foldable Blade in Transport Position	2364 mm	93 in	2850 mm	112 in
3 Machine Height from Tip of Grouser (ROPS cab)	2965 mm	117 in	2965 mm	117 in
4 Drawbar Height (center of clevis)	From Ground Face of Shoes			
	517 mm	20 in	517 mm	20 in
5 Length of Track on Ground	2645 mm	104 in	2645 mm	104 in
6 Length of Basic Tractor (with C-frame/drawbar)	4618 mm	182 in	4618 mm	182 in
With the Following Attachments, Add to Basic Tractor Length:				
Ripper	815 mm	32 in	815 mm	32 in
PA50 Winch	354 mm	14 in	354 mm	14 in
VPAT Blade, Straight	382 mm	15 in	382 mm	15 in
VPAT Blade, Angled 25° (standard and foldable)	1012 mm	40 in	1012 mm	40 in
7 Height Over Stack from Tip of Grouser	2840 mm	112 in	2840 mm	112 in
8 Height of Grouser	MS Shoes			
	48 mm	1.9 in	48 mm	1.9 in
				ES Shoes
	57 mm	2.2 in	57 mm	2.2 in
9 Ground Clearance from Ground Face of Shoe (per SAE J1234)	350 mm	14 in	350 mm	14 in

D4 Standard Equipment

Standard Equipment

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

POWER TRAIN

- Cat C4.4 diesel engine turbocharged
- Tier 4 Final/Stage IV/Japan 2014 (Tier 4 Final)/Korea Tier 4 Certified Engine with Aftertreatment
- Aftercooler, Air to Air (ATAAC)
- Glowplug starting aid
- 3000 meter altitude operation capability without derating
- Hydraulically driven, variable speed fan
- Aluminum bar plate cooling system (radiator, power train, aftercooler)
- Air cleaner with integrated precleaner, dust ejector and under hood air intake
- Dual path, electronic control, closed-loop hydrostatic transmission
- Electric fuel priming pump
- Fuel/water separator
- Automatic Traction Control
- Programmable/selectable bi-directional speed control
- Engine Idle Shutdown
- Auto Engine Speed Control

TECHNOLOGY PRODUCTS

- Cat GRADE with Slope Assist
- Cat Stable Blade
- Cat Slope Indicate
- Product Link* ready cellular or satellite

UNDERCARRIAGE

- Cat Abrasion or Heavy Duty undercarriage
- Center tread, sprocketed idler with Cat Abrasion. Standard idler with HD.
- Lifetime lubricated track rollers (8) and idlers
- Carrier rollers (2)
- Hydraulic track adjusters
- Guards, front/rear guiding
- Replaceable sprocket rim segments

HYDRAULICS

- Three valve hydraulics
- Load sensing hydraulics

ELECTRICAL

- Horn
- Back-up alarm
- 12V converter, 10A
- Diagnostic connector
- Batteries, heavy duty, maintenance free, 900 CCA
- Integrated lights (4 front, 2 rear)
- 100 Amp alternator (24 volt)
- 24V electric starter

OPERATOR ENVIRONMENT

- ROPS/FOPS Cab
- Integrated A/C with automatic temperature control
- Seat, air suspended, cloth for cab
- Seat belt, retractable 76 mm (3 in)
- Foot pads, dash
- Color Display 178 mm (7 in)
- Rear view camera integrated into main display
- Travel speed limiter, electronic
- Engine RPM and gear display
- Hour meter, electronic
- Engine air cleaner service indicator, electronic
- Water-in-fuel indicator, electronic
- Throttle switch, rotary
- Eco mode
- Controls, seat mounted, fore/aft adjustment
- Armrests, adjustable
- Mirror, rearview, inside
- Single pedal combining deceleration and braking functions
- Independent forward/reverse speed settings
- Power port, 12 volt
- Coat hook
- Storage compartment
- Cup holder
- Floor mat, rubber, heavy duty
- Intermittent wiper
- 12V radio ready (plug and play)

FLUIDS

- Antifreeze coolant (–37° C/–34.6° F)
- Extended life coolant

OTHER STANDARD EQUIPMENT

- C-frame, variable pitch link, hydraulic cylinders and lines
- Engine enclosures
- Hinged radiator louvered grill
- Swing-out radiator fan
- Front pull device
- Rigid drawbar
- Vandalism protection
- Ecology drains (engine, power train and implement oil, engine coolant)
- Scheduled Oil Sampling (S·O·S) ports (engine, power train and implement oil)
- Heavy duty crankcase guard

INSTRUCTIONS

- Warning decals, ANSI, are included for machines in the U.S.A. only.

*Product Link licensing not available in all areas. Please consult your Cat dealer for details.

Optional Equipment

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

POWER TRAIN

- Fan, demand, reversing

UNDERCARRIAGE

- Cat Abrasion
- Heavy Duty
- LGP, Cat Abrasion
- LGP, Heavy Duty

TRACKS (40 SECTIONS)

- Track Pairs, Cat Abrasion
 - Track, 510 mm (20 in), Moderate Service
 - Track, 510 mm (20 in), Extreme Service
 - Track, 560 mm (22 in), Moderate Service
 - Track, 560 mm (22 in), Extreme Service
- Track Pairs, Heavy Duty
 - Track, 510 mm (20 in), Extreme Service
 - Track, 560 mm (22 in), Extreme Service
- Track Pairs, LGP, Cat Abrasion
 - Track, 760 mm (30 in), Moderate Service, LGP
 - Track, 760 mm (30 in), Extreme Service, LGP
- Track Pairs, LGP, Heavy Duty
 - Track, 760 mm (30 in), Extreme Service, LGP
 - Track, 760 mm (30 in), Self-Cleaning, LGP

TRACK GUIDING GUARDS

- Guard, track guiding, center
- Guard, track guiding, front/rear
- Guard, track guiding, full length

OPERATOR ENVIRONMENT

- Cab, Comfort Package
- Cab, Comfort Package, Heavy Duty
- Suspension seat, heated and ventilated with heated joystick handles
- Visibility kit, single rear vision camera
- Radio, AM/FM/AUX/USB/Bluetooth®

HYDRAULICS

- Hydraulic oil, bio

GUARDS AND PROTECTION

- Cab, protection package
- Screen, rear
- Protection package, standard
- Protection package, front
- Protection package, heavy duty

BLADES

- Blade, 3196 mm (126 in) ARO
- Blade, 3196 mm (126 in) Foldable ARO
- Blade, 3684 mm (145 in) ARO LGP
- Blade, 3684 mm (145 in) Foldable ARO LGP
- Mechanical blade pitch
- Blade power pitch

REAR ATTACHMENTS

- Drawbar
- Ripper, straight teeth
- Ripper, curved teeth
- Counterweight, rear
- Counterweight, additional slabs

REAR ATTACHMENT CONTROL

- Ripper control
- Winch control
- Ripper and winch control
- Ripper and Power Pitch control
- Ripper, Winch and Power Pitch control

TECHNOLOGY PRODUCTS

- Attachment Ready Option (ARO)
- Cat GRADE with 3D
- Product Link Cellular
- Product Link Satellite
- Product Link Cellular and Satellite

FUEL SYSTEMS

- Fuel tank, fast fuel and refill ready

WEATHER PACKAGES AND STARTERS

- Cold Weather Package, 120V
- Cold Weather Package, 240V
- Electrical insulated breather
- Starter standard
- Starter high speed, low temperature

FLUIDS

- Antifreeze, -50° C (-58° F)

ELECTRICAL

- Flashing beacon

FIELD INSTALLED ATTACHMENTS

- Winch and fairleads
 - PA50 winch, variable speed
 - Fairlead, three rollers
 - Kit, conversion, 4th roller
 - Winch step

MAINTENANCE AND RELATED ATTACHMENTS

- Shovel holder
- Fuel pump, refilling
- Oil change system, high speed

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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