D3G, D4G, D5G

Track-type Tractors

	D3G	D4G	D5G
Cat® Engine	3046 T	3046 T	3046 T
Gross Power	57 kW/77 hp	65 kW/87 hp	74 kW/99 hp
Net Power	52 kW/70 hp	60 kW/80 hp	67 kW/90 hp
Operating Weight*			
XL	7750 kg	8260 kg	9320 kg
LGP	8190 kg	8600 kg	9670 kg

* Operating with dozer blade, cab, back-up alarm, operator, coolant, lubricants and full fuel tank.

D3G, D4G and D5G Track-Type Tractors

Introducing the new D3G, D4G and D5G Track-Type Tractors – designed for all of your construction needs.

AccuGrade Laser Grade Control System

✔ Caterpillar® is helping customers revolutionize the way they move dirt with new technology solutions. The AccuGrade Laser Grade Control System provides greater accuracy, higher productivity, lower operating costs and more profitability. **pg. 4**

Operator Station

The redesigned operator station is quieter and more spacious for a comfortable work environment. Excellent sightlines to the work area help keep operator fatigue low and production up throughout the workday. Improved ergonomic design further enhances operator comfort. **pg. 6**

Visibility

✔ Overall visibility has been significantly improved to enhance productivity and work quality. With 13% more glass area than the previous C-Series models and no obstructions, the D3G, D4G and D5G have a good view to the blade as well as an excellent peripheral view. **pg. 9**

Attachments

✔ New Cat work tools increase your productivity. Product Link and Machine Security System help protect your investment. **pg. 11**

Blade and Mainframe

A Variable Pitch, Power Angle and Tilt (VPAT) blade is available on all G-Series machines. Rugged construction and powerful hydraulics provide excellent down force, pry-out force and blade control for maximum productivity. **pg. 12**

The new D3G, D4G and D5G combine the power of a larger tractor with the versatility and maneuverability of a smaller machine in one package to meet a wide range of job applications. With comfortable operator station, excellent visibility and simple joystick control, the D3G, D4G and D5G are everything you expect from Caterpillar® and more!

Courtesy of Machine.Market

Engine
The proven turbocharged six-cylinder Caterpillar 3046 T engine delivers plenty of lugging power. The engine provides smooth, responsive power, excellent fuel economy and lasting reliability. The 3046 T engine meets EU Stage II emission regulations.
pg. 8

Hydrostatic Transmission Control
✔ Simple joystick control eases operation and provides track counterrotation. Due to the machine's nimble control, the operator has a better feel for the machine's capabilities and can maneuver more easily.
pg. 8

Undercarriage
Rugged design and proven structural manufacturing assure outstanding durability for long wear life and low owning and operating costs.
pg. 10

Hydrostatic Winch
✔ Providing infinitely variable line speed while delivering superior line pull, this new winch improves control for better modulation. Caterpillar is the first to produce a hydrostatic winch for machines in the under 100 hp class.
pg. 13

Undercarriage with Rotating Bushing Track Option
Rotating Bushing Track option on the D5G eliminates the need to turn pins and bushings, significantly reducing owning and operating costs. Rugged design and proven structural manufacturing assure outstanding durability. **pg. 10**

Serviceability and Customer Support
Your Cat dealer offers a wide range of services that can be set up under a customer support agreement when you purchase your equipment. Your dealer will help you choose a plan that can cover everything from machine and attachment selection to replacement.
pg. 14

✔ *New feature*

Courtesy of Machine.Market

AccuGrade Laser Grade Control System

Advanced laser technology simplifies grading, improves accuracy, increases productivity and lowers operating costs.

Advantages. Current earth moving and fine grading processes are labor intensive, dependent on manpower and instruments. Maintaining consistent grade between grade stakes is challenging, even for experienced operators. The AccuGrade Laser Grade Control System reduces labor requirements, aids operators in maintaining a consistent grade across the worksite and reduces material cost.

Simple Operation.
The AccuGrade System consists of 4 basic components:

- Laser Transmitter
- Laser Receiver
- Electric Mast
- In-Cab Display

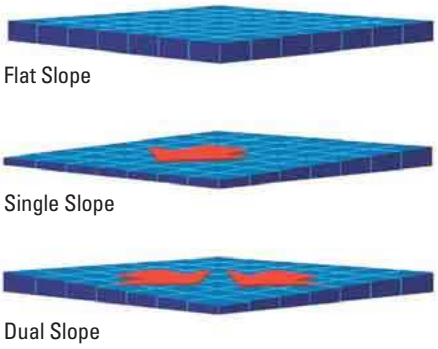
1 Laser Transmitter. An off-board laser transmitter (sold separately) emits a thin beam of light that rotates 360º, creating a grade reference over the work area. The transmitter is mounted on a tripod so the laser beam can rotate unobstructed above the tractor.

2 Laser Receivers. A digital laser receiver, mounted on a telescopic mast above the blade's cutting edge, is used to detect the laser beam. During grade set-up, with the cutting edge placed at finish elevation, the electric mast automatically positions the laser receiver to within 1.5 mm of the center of the laser beam. As the blade moves above or below finish grade elevation during the grading process, correction information is sent to the in-cab display. One receiver is required for single dimension control (lift) and two receivers are required for two-dimensional control (lift and tilt).

3 Electric Masts. Electric adjustable machine-mounted telescopic mast(s) are used for mounting the laser receiver(s) over the cutting edge, ensuring unobstructed laser reception. Powered by an electric motor, the operator can vertically raise and lower the mast(s) from inside the cab for precise positioning of the receiver(s)' elevation.

Courtesy of Machine.Market

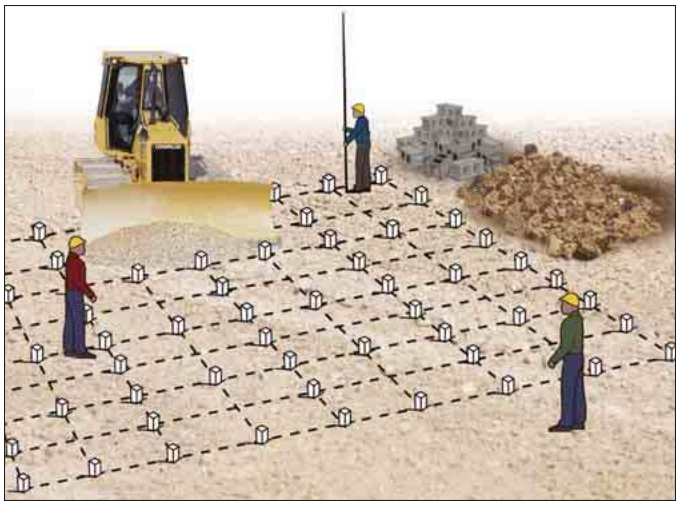
4 In-Cab Display. The in-cab display with easy to read grade indicator and backlit elevation display delivers all AccuGrade system information to the cab for easy viewing by the operator. The in-cab display arrows show the blade's position relative to grade and indicates cut or fill requirements of the work area. A built-in beeper provides audible tones to indicate grade errors and switch activation. Push button operation allows the operator to easily switch from manual mode for rough grading to automatic for fine grading.



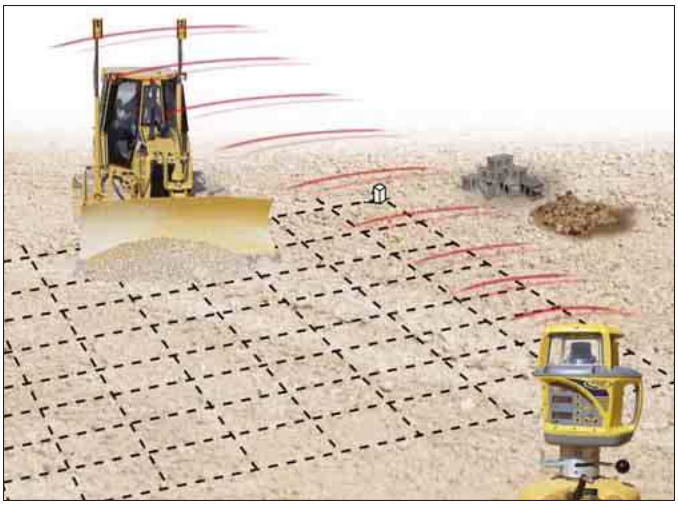
Applications. The AccuGrade System is designed for a wide range of construction earthwork applications requiring tight tolerances and high production rates. The single laser system or dual laser system can be selected depending on the job requirements. The single laser system is ideal for fine grading sites with flat, single slope surfaces. The more versatile dual laser system is well matched for single or dual slope surfaces such as industrial, commercial and residential building sites.

Automatic Blade Control Feature. Automatic control of the blade's lift and/or tilt, depending on single or dual receiver system, provides consistent accuracy with higher productivity by reducing blade control demands on the operator. Based on correction signals, a hydraulic control valve automatically raises or lowers the blade cutting edge to maintain the correct blade cutting edge elevation. A single push button mounted on the blade control lever allows the operator to easily switch from automatic to manual control for various work conditions.

Weatherproof Design. All components are designed rugged for dependable performance in harsh environments.



Conventional Staking Method



AccuGrade Laser Grade Control System

Operator Station

The redesigned operator station is quieter and more spacious for a comfortable work environment.

Redesigned Operator Station. Based on the cab designs of the large Caterpillar track-type tractors, the operator station has been redesigned to be more spacious. The new ergonomic layout emphasizes simplicity, ease of use and comfort. A new climate control system (HVAC), increased leg room and enhanced visibility allow the operator to focus on the job. With 13% more tinted glass area, the operator station provides a clear view to the blade and the surrounding work site.

Other Cab Conveniences.

- Vertical and horizontal armrest adjustments.
- Directed air vents in key locations.
- Wide angle rear view mirror.
- Cupholder.
- 12 volt power port.
- Radio ready factory installed components including speakers, antenna and all wiring brackets.
- Dome light.
- Coat hook.
- Tie down for lunch box.
- Air conditioner (standard equipment).

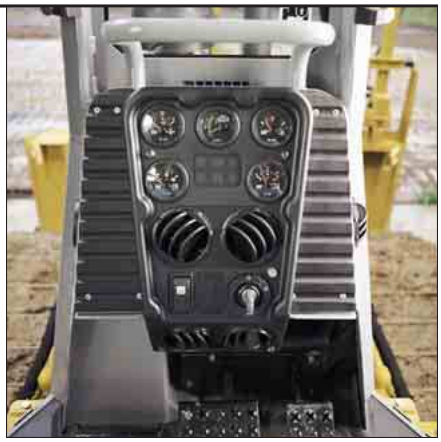
Reduced Sound Levels. Sound levels are greatly reduced to further enhance the operator's comfort.

Courtesy of Machine.Market

VPAT Dozer Control. A single lever control handle is used to control all blade lift, angle and tilt functions. The ergonomically designed handle fits comfortably in the operator's hand and delivers superb grading results.

Decel Pedal. Decelerator allows operator to modulate ground speed effortlessly. Intuitive control enhances operator confidence when maneuvering in and around structures.

Ease of Entry and Exit. The hexagon shaped cab provides plenty of space to enter the roomy operator compartment. Easy to reach door handles make it easy to enter and exit during the workday. Angled doors allow the operator to walk right into the cab.



Monitoring Package. The new monitoring package allows the operator to be aware of system conditions without having to constantly view gauges. Fuel level, hydraulic oil temperature, oil pressure, coolant temperature, and maximum speed setting gauges are all included in the instrument panel. Indicator lamps warn operator of:

- Low oil pressure.
- Power train oil filter bypass.
- Low alternator voltage.
- Parking brake engaged.
- Electronic control fault.
- Water in fuel
- Air inlet restriction
- Air intake heater

Other Features.

- Footrests for operator comfort and stability
- Vandalism guard to protect dash and instruments (canopy machines only)

Seat. The Caterpillar Comfort Suspension seat (option) provides adjustable positioning to fit any operator. It is the most comfortable seat in the industry and features:

- 76 mm wide retractable seatbelt.
- Fore/aft positioning.
- Back cushion angle adjustment.
- Seat cushion tilt.
- Back rest extension.
- Lumbar adjustment.
- Height adjustment.
- Cloth seat is standard with cab; vinyl seat is available on open canopy machines.

Standard suspension vinyl seat provides basic support.

Engine

The well-proven Caterpillar 3046 T six-cylinder engine provides smooth, responsive power, excellent fuel economy and lasting reliability.

Caterpillar 3046 T Diesel Engine. Designed specifically for small to medium size earthmoving machines, the Cat six-cylinder 3046 T engine is inherently balanced, providing low vibration, superior performance and exceptional responsiveness.
The 3046 T engine is designed for improved response and performance at lower engine speeds. This is important for earthmoving machines in the under 100 hp size class, allowing operators to work in tight spaces, at part throttle and slower travel speeds without sacrificing responsiveness. The turbocharger also helps reduce fuel consumption and sound levels.

Direct Injection Fuel System. The direct injection fuel system is adjustment free for reduced maintenance. High pressure fuel injection results in reduced fuel consumption and emissions.
Electric, internal fuel shut-off solenoid is protected from the elements to provide long life.

Turbocharger. The turbocharger improves response and performance at low to medium engine speeds.

Spin-on Oil and Fuel Filters. Spin-on oil and fuel filters are vertically mounted and easily accessible for faster maintenance.

Hydrostatic Transmission Control

Simple joystick control eases operation and increases productivity.

Simpler Operation, Improved Control. We listened to our customers and designed the new G-Series machines with even simpler operation and improved control. This allows the operator to concentrate on more important aspects of the job such as blade control.

Joystick Control. The joystick control is easy to use. Speed, direction and steering are all controlled with the joystick. The result is easier operation and improved productivity.
Ergonomic placement reduces operator effort and fatigue.

Speed and Direction. The joystick has three simple detented positions for travel: forward, reverse and neutral. A new feature is the capability to utilize faster reverse speed as a percentage of forward speed for increased productivity.
Two joystick-mounted buttons are used to infinitely increase and decrease speed. An indicator on the dash displays the tractor's current operating speed setting. When the joystick is moved to the neutral position, the machine stops.

Powerturn. Utilizing active effort of both tracks during a turn allows for more pushing power at the blade and less spillage of material from the blade.

Air Inlet Heater. The air inlet heater delivers dependable starts when operating in cold temperatures. A built-in temperature switch helps ensure lasting reliability.

Lubrication System. Gear driven oil pump provides lubrication from a deep sump oil pan. An efficient, multipleplate, water-cooled oil cooler prolongs engine and lubricant life.

Cooling System. A large diameter fan and full length, water-cooled cylinders, combined with excellent thermal efficiency, minimize heat rejection, prevent overheating and prolong engine life.

Regulations. The Caterpillar 3046 T engine meets EU Stage II emission regulations.

Steering. With the machine moving in forward or reverse, move the joystick to the left to turn the machine to the left; move the joystick to the right to turn right. The more the handle is moved to the right or left, the tighter the turn. Regardless of ground conditions, steering is consistent and predictable. Moving the joystick to the far right or left will make the tracks counterrotate for maneuvering in tight work areas.

Counterrotation. The D3G, D4G and D5G maneuver easily through side loading blade applications. Simply engage counter- rotation briefly to correct machine position. Counterrotation also provides easy, quick maneuvering in small, confined work areas.

Tracking. The D3G, D4G and D5G have excellent tracking capabilities which increase productivity on side slopes.

Visibility

The key to great grading is excellent visibility, and we deliver.

Excellent Visibility. Visibility is key to productive grading. The D3G, D4G and D5G deliver excellent visibility to the blade corners and edges. No longer does an operator have to grade by feel. He can easily see blade corners and cutting edges. Wide open peripheral vision allows the operator to have an optimum view of the jobsite.

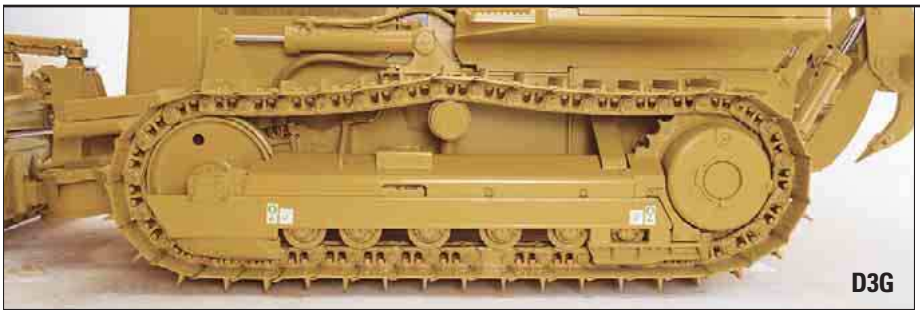
Windows. Large tinted windows provide excellent visibility to the blade and surrounding work site. Large, sliding side windows provide flow-through ventilation. With 13% more glass area, the operator station delivers an outstanding view all around the machine.

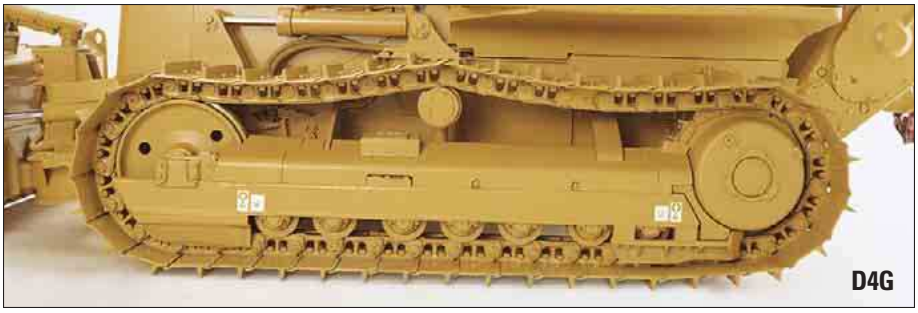
Angled Doors. Angled doors on the left and right hand sides provide virtually unrestricted visibility to the sides of the machine.

Excellent Line of Sight to Blade. Grade stakes and utility structures are easy to see and maneuver around with the G-Series tractors.

Undercarriage

Durable components provide maximum performance and wear life.





Durable Components. Caterpillar undercarriages are designed for long wear and lower owning and operating costs. Advanced metallurgy processes produce superior wear properties.

Available Configurations. The D3G, D4G and D5G are available in either an extra long (XL) or low ground pressure (LGP) undercarriage configuration.

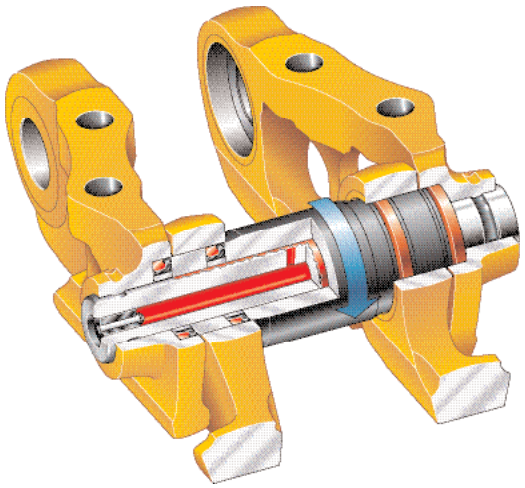
XL Undercarriage. Track length is extended on extra long (XL) undercarriages for increased ground contact area and flotation, superior balance and excellent finish grading.

LGP Undercarriage. Low ground pressure (LGP) undercarriage offers a wider track, increasing ground contact area for optimum flotation and stability on sloping and finish grading jobs.

LGP with Standard Shoes. For increased stability when additional flotation is not required, 510 mm (20") track shoes are available for the D5G LGP.

Undercarriage with Rotating Bushing Track Option

Lowest owning and operating costs are delivered by the Caterpillar exclusive Rotating Bushing Track option.



Cat Exclusive Rotating Bushing Track Option. Available on the D5G, the Caterpillar exclusive Rotating Bushing Track (RBT) increases undercarriage system life and reduces maintenance. Bushings rotate when in contact with the sprocket, removing the need to turn pins and bushings. This reduces downtime, balances component wear, reduces noise and allows components, such as links and bottom rollers, to reach their maximum wear life.

Attachments

New Cat work tools increase your productivity. Product Link and Machine Security System help protect your investment.

Parallelogram Ripper. This new, larger tool is more aggressive and allows the operator to do more effective ripper work. Heavy duty design provides long life. Parallel linkage design allows for better penetration and maneuverability in tight working areas. A longer shank delivers more work per pass making the machine more productive.

Hydrostatic Winch. The new Caterpillar exclusive hydrostatic winch provides smooth modulation, infinitely variable speed and better control.

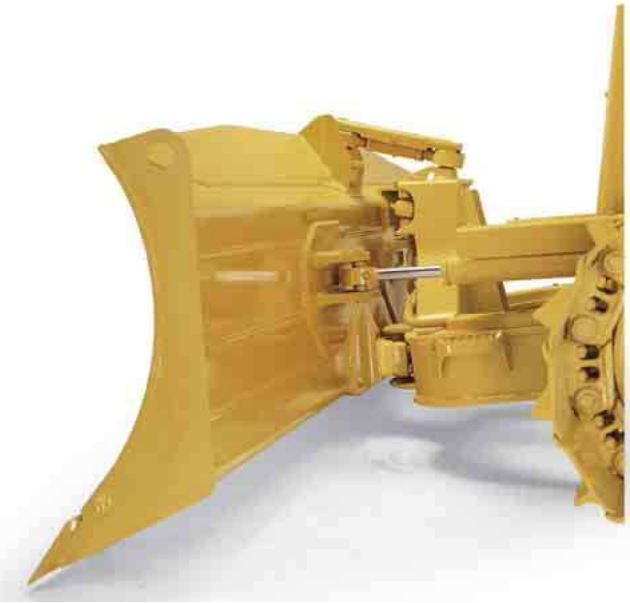
Product Link. This option allows the customer or dealer to obtain machine diagnostics and location from their office, eliminating trips and phone calls. Scheduled service can be completed more efficiently, thus reducing owning and operating costs. The product link provides updates on service meter hours and machine location as well as integrated mapping/route planning.

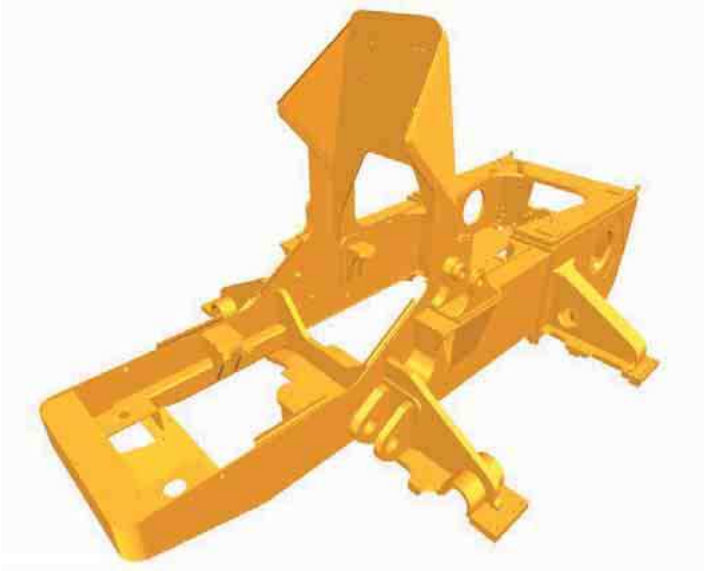
Machine Security System. Secure your investment with the Caterpillar Machine Security System (MSS), a programmable key system that provides optimum machine security for both fleet users and single users. MSS can reduce owning and operating costs by preventing unauthorized machine use, thus saving fuel and maintenance costs. MSS prevents theft and vandalism, which may reduce insurance costs.

Courtesy of Machine.Market

Blade and Mainframe

With a 14% increase in blade capacity, the Variable Pitch, Power Angle and Tilt (VPAT) blade is designed and built for unmatched versatility, durability and strength.





VPAT Blade. The VPAT blade is specifically designed for finish grading, backfilling ditches, cutting V ditches, windrowing, fill spreading, medium land clearing and heavy dozing. VPAT blades are built with four full-width, box-section reinforcement cells for unmatched strength and durability.

Larger Trunnion. The blade trunnion ball size has been increased to provide longer life of the trunnion and reduce owning and operating costs. The trunnion is also now mounted on the C-frame instead of the blade.

Adjustable Top Pitch Link. The adjustable top pitch link provides a solid link between the blade and the top of the tilt tower on the C-frame. The turn buckle top pitch link allows the blade pitch to be adjusted without the use of tools. The cutting edge position can be adjusted between 50 and 55 degrees. The pitch link cover has been redesigned to provide better retention.

Improved Pin Joints. Pin joints have been improved to be more durable and provide longer life. Remote lubrication points provide easier service.

Increased Blade Capacity. Blade capacity has been increased by 14% to greatly improve productivity.

One-Piece Mainframe. Modeled after the large Caterpillar track-type tractors, the mainframe provides a solid back bone for handling forces generated during tough dozing. The robotic welding process delivers reliability and durability throughout the life of the machine.

Hydrostatic Winch

Providing high line pull and high line speed, this new winch improves control for better modulation.

Winch. Previous mechanical winches were driven by shafts and controlled by brakes and clutches. This new winch is driven by its own closed-loop hydrostatic system consisting of a variable displacement hydraulic piston pump and motor.

Infinitely Variable Speed Control. Similar to the hydrostatic system used to drive and control the tracks of the tractor, this winch offers outstanding control of the load with infinitely variable modulation of speed and pull. Other shaft-driven winches force the operator to choose the gear ratio of the winch. The G-Series hydrostatic winch eliminates this compromise by providing the speed of a standard speed winch and the pull of a low speed winch, all in one package.

Forestry Segment. A new, easier way to work in the woods. The new hydrostatic winch makes the job easier with:

- Excellent line pull at any speed.
- Infinitely variable drum speed.
- Lower operator effort.
- Excellent load control.

360 Degree Guarding. All around screen guarding is available. Canopy version includes screened, hinged doors with dampening device along with side and rear screens. The cab version offers Lexan glass doors for improved visibility while providing protection. Meets OSHA and WCB regulations.

Forestry Blade. The forestry blade has additional guarding to protect the tractor from debris and to provide increased blade capacity. The forestry blade also features increased moldboard thickness for added durability.

Serviceability and Customer Support

Cat dealer services help you operate longer with lower costs.

Serviceability. Longer service intervals and easier maintenance result in better machine availability and lower owning and operating costs.

The D3G, D4G and D5G feature:

- Side by side radiator/transmission cooler.
- Easier filter access.
- Centrally located hydraulic pressure tap bank.
- Extended oil and oil filter change intervals.
- Extended oil dipstick.
- Comprehensive on-board diagnostics.
- Turbine precleaner
- Coolant level sight gauge

Right Side Access Doors. Access doors provide easy access to the diagnostic test bank, hydraulic oil filters and disconnect switch.

Left Side Access Doors. Left side access doors provide easy access to:

- Cab fresh air filter.
- Heavy duty battery.
- Fuel/water separator with filter.
- Grease gun holder.

Selection. Make detailed comparisons of the machines you are considering before you buy.
What are the job requirements?
What production is needed?
What is the true cost of lost production?
Your Cat dealer can give you precise answers to these questions.

Purchase. Look at the value G-series tractors offer. Consider all the flexible financing options your Cat dealer offers as well as day-to-day operating costs.

Operation. Improving operating techniques can boost your profits. Your Cat dealer has training literature and other ideas to help you increase productivity.

Maintenance. Repair options guarantee the cost of repairs up front. Diagnostic programs such as Scheduled Oil Sampling and Technical Analysis help you avoid unscheduled repairs.

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

Product Support. You will find high availability of parts at our dealer parts counter. Cat dealers utilize a worldwide computer network to find in-stock parts to minimize machine downtime. Additionally, Caterpillar offers a line of genuine remanufactured components which can help lower repair costs.

Easy Financing. Your Cat dealer can provide a financing package to meet your needs.

Engine

	D3G	D4G	D5G
Engine Model	3046 T	3046 T	3046 T
Gross Power	57 kW/77 hp	65 kW/87 hp	74 kW/99 hp
Net Power			
ISO 9249	52 kW/70 hp	60 kW/80 hp	67 kW/90 hp
EEC 80/1269	52 kW/70 hp	60 kW/80 hp	67 kW/90 hp
Displacement	4996 cm^3	4996 cm^3	4996 cm^3
Bore	94 mm	94 mm	94 mm
Stroke	120 mm	120 mm	120 mm

- Ratings at 2200 rpm.
- Net power advertised is the power available at the flywheel when engine is equipped with fan, air cleaner, muffler and alternator.
- No derating required up to 2300 m altitude.

Steering and Braking

- Full powerturn
- Counterrotation
- Single lever steering, speed and direction control
- Hydrostatic (dynamic) braking through machine drive system using transmission control lever, center brake pedal or decel pedal.

Final Drive

- Double-reduction, with outboard planetary gear set.
- Mounted independently of track frames to isolate them from machine weight and ground-induced shock loads.

Transmission

Drive Pumps	2
Track motors	2
Relief valve settings	44 000 kPa
Maximum travel speed	
forward	9 km/h
reverse	9.6 km/h

- Dual-path, closed loop hydrostatic drive provides infinitely variable speeds from 0-9 km/h forward and 0-9.6 km/h reverse.
- Full-flow filtering of hydrostatic charge system oil.
- Drive pumps: two variable-displacement, slipper-axial piston pumps mounted tandem-style to engine flywheel housing.
- Track motors: two variable-displacement, link-type piston motors.

Hydraulic Controls

Pump Output	61.1 L/min
Relief valve setting	20 000 kPa

- Pump output ratings at 2200 rpm and 6895 kPa
- Control Positions:
  - Lift cylinders - raise, hold, lower, float.
  - Tilt cylinders - left, hold, right.
  - Angle cylinders - left, hold, right.
  - Ripper cylinders - raise, hold, lower.

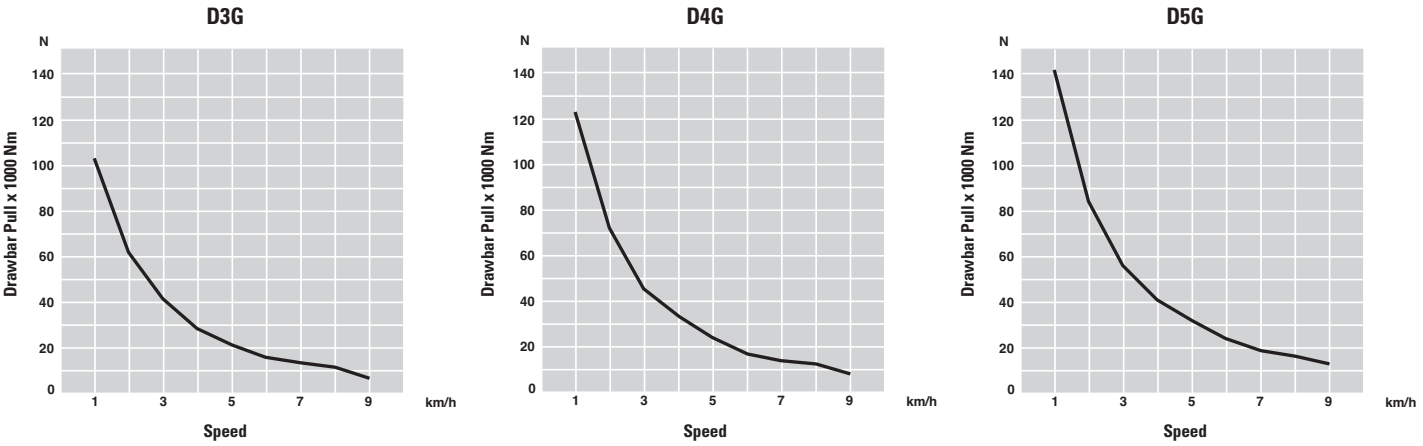
ROPS/FOPS

- ROPS (Rollover Protective Structure) offered by Caterpillar for the machine meets ROPS criteria ISO 3471-1994.
- FOPS (Falling Object Protective Structure) meets FOPS criteria ISO 3449-1992 Level II.

Sound

- The operator sound level measured according to the procedures specified in ISO 6396:1992 is 82 dB(A), for cab offered by Caterpillar, when properly installed and maintained and tested with the doors and windows closed.
- The labeled sound power level is 106 dB(A) for D3G and 107 dB(A) for D4G/D5G measured according to the test procedures and conditions specified in 2000/14/EC.

Drawbar Pull



Winch

Weight	610 kg
Winch Drive	Hydrostatic
Control	Pilot hydraulic
Speed	Variable
Winch length	705 mm
Overall width	741 mm
Drum diameter	254 mm
Drum width	274 mm
Throat clearance	171.5 mm
Rope diameter	
recommended	16 mm
optional	19 mm
Drum capacity	
recommended cable	113 m
optional cable	78 m
Maximum line pull	
bare drum	18 144 kg
full drum	11 340 kg
Maximum line speed	
bare drum	40 m/min
full drum	63 m/min

- Infinitely variable line speed and line pull from 0 to maximum.
- Power in/power out, brake off, freespool (standard equipment).
- Single lever, low effort pilot hydraulic control.
- Precise load control and speed modulation.
- Integral mounted drawbar.
- 3 roller fairlead available. Kit available to add a 4th roller.

Weights

Operating Weight	D3G	D4G	D5G
XL	7750 kg	8260 kg	9320 kg
LGP	8190 kg	8600 kg	9670 kg

Operating with dozer blade, cab, back-up alarm, operator, coolant, lubricants and full fuel tank.

Undercarriage

	D3G	D4G	D5G
Number of rollers (each side)	6	7	7
Number of shoes (each side)	39	41	39
Shoe width			
XL	406 mm	460 mm	510 mm
LGP	635 mm	635 mm	660 mm
Length of track on ground			
XL	2055 mm	2211 mm	2317 mm
LGP	2055 mm	2211 mm	2317 mm
Track gauge			
XL	1448 mm	1499 mm	1549 mm
LGP	1676 mm	1676 mm	1727 mm
Ground contact area			
XL	16 687 cm^2	20 341 cm^2	23 633 cm^2
LGP	26 099 cm^2	28 080 cm^2	30 584 cm^2
Ground pressure			
XL	43.2 kPa	38 kPa	37.1 kPa
LGP	29.3 kPa	28.6 kPa	29.7 kPa

- Sealed and lubricated track (S.A.L.T.).
- Hydraulic track adjusters.
- Box section track roller frames.
- Bolt-on rear track guiding guards.
- Serrated, two-piece split master link.
- Full length recoil guarding with sprocket guards and wipers.
- Single-grouser shoes.
- Segmented sprocket.
- Sealed and lubricated rollers and idlers.

Ripper

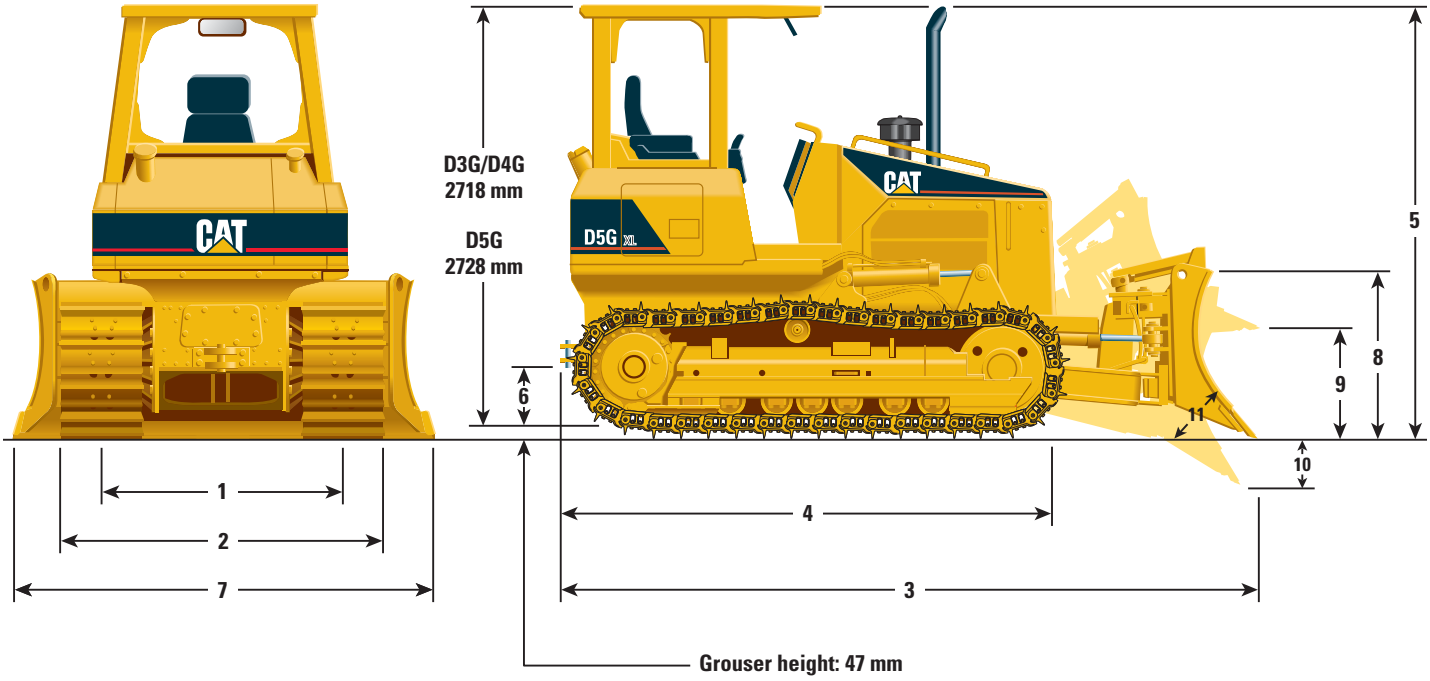
Type	Parallelogram
Number of Shanks	3
Maximum digging depth	337 mm
Maximum reach at ground line (D3G/D4G/D5G)	738/627/615 mm
Maximum ground clearance under tip	412 mm
Overall width	1710 mm
Height	165 mm
Weight	563 kg

Service Refill Capacities

	D3G Liters	D4G Liters	D5G Liters
Fuel tank	165	187	187
Crankcase and filter	13	13	13
Final drives			
XL (each side)	13.8	14.7	14.7
LGP (each side)	20.5	21.5	21.5
Cooling system	21	21	16.1
Transmission/hydraulic tank	46.5	46.5	46.5

Dimensions

All dimensions are approximate.



			XL			Intermediate			LGP	
		D3G	D4G	D5G	D3G	D4G	D5G	D3G	D4G	D5G
1 Track gauge	mm	1448	1499	1549	–	–	–	1676	1676	1727
2 Width of tractor (standard shoes, no blade)	mm	1854	1959	2059	–	–	–	2311	2311	2387
3 Overall length (with blade)	mm	4020	4035	4336	–	–	–	4017	4035	4252
4 Length of basic tractor (without blade)	mm	3103	3103	3184	–	–	–	3103	3103	3184
5 Tractor height	mm	2765	2765	2775	–	–	–	2765	2765	2775
6 Ground clearance	mm	374	374	384	–	–	–	374	374	384
Blade										
7 Blade width	mm	2461	2671	2690	2921	2921	2921	3146	3146	3254
8 Blade height	mm	936	1028	1101	843	922	1028	843	922	1028
9 Blade lift height	mm	688	686	760	695	733	789	695	733	789
10 Digging depth	mm	554	568	630	527	521	582	527	521	582
11 Blade cutting edge angle, adjustable		50-55°	50-55°	50-55°	50-55°	50-55°	50-55°	50-55°	50-55°	50-55°
Maximum tilt	mm	369	387	390	423	423	423	456	456	471
Maximum angle (either side)		25°	25°	25°	25°	25°	25°	25°	25°	25°
Blade width at maximum angle	mm	2247	2438	2456	2666	2666	2666	2871	2871	2970
Blade capacity (SAE)	m^3	1.44	1.92	2.19	1.42	1.69	2.09	1.53	1.84	2.34

Standard Equipment

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

Powertrain

Air-to-oil transmission cooler and side by side radiator
Air cleaner, radial dry-type with turbine precleaner
Blower fan
CAT 3046 T 6-cylinder diesel engine with 12-volt direct electric key start/stop
Fuel priming pump
Fuel/water separator with integral filter
Hydrostatic transmission, dual path, closed loop
Muffler

Electrical

Air inlet heater
Alternator, 110 amp
Back-up alarm
Batteries, heavy duty, 12-volt, maintenance free, two 900 cca
Horn
12-volt powerport

Hydraulics

3 valve
Hydraulic pump and oil
Single lever-three function control

Antifreeze

Extended Life Coolant -37˚C

Undercarriage

Roller track frame
  D3G: 6
  D4G and D5G: 7
Track gauge
  D3G:
    XL 57" (1448 mm)
    LGP 66" (1676 mm)
  D4G:
    XL 59" (1499 mm)
    LGP 66" (1676 mm)
  D5G:
    XL 61" (1549 mm)
    LGP 69" (1753 mm)
Sealed and lubricated tracks
  D3G and D5G: 39-section
  D4G: 41-section
Single grouser shoes
  D3G:
    XL 16" (406 mm)
    LGP 25" (635 mm)
  D4G:
    XL 18" (460 mm)
    LGP 25" (635 mm)
  D5G:
    XL 20" (510 mm)
    LGP 26" (660 mm)
Front/rear guiding guards
Full length recoil guards with sprocket wiper plates
Hydraulic track adjusters
Segmented sprockets
Split master link

Operator Environment

ROPS, Canopy
Headliner
Dash mounted lighted gauge package includes:
  Fuel level
  Coolant temperature
  Engine oil pressure
  Transmission oil temperature
  Maximum speed setting gauge
Indicator lights:
  Low engine oil pressure
  Parking brake
  Hydraulics filter bypass
  Low alternator charging
  Electronic control fault
  Water in fuel
  Air inlet restriction
  Air intake heater
Service hour meter
Comfort adjustable vinyl suspension seat
Seat, comfort, suspension, vinyl
Seat belt (76 mm)
Adjustable arm rests
Joystick control lever:
  Speed
  Direction
  Steering
  Counterrotation
Adjustable foot rests
Decelerator
12-volt powerport

Other Standard Equipment

C-Frame, VPAT, hydraulic cylinders and lines
Heavy duty crankcase guard
Engine enclosures
Heavy-duty hood, radiator guard and grill
Retrieval hitch (rear)
Front pull device
Vandalism protections
Instructions, English
Electronic technician connector
Product Link - Installation ready

Optional Equipment

(with approximate change in operating weight)

	kg
AccuGrade installation arrangement	31
Blade, variable pitch, power angling and tilt	
D3G	
XL, 1.43 m^3, 97" (2456 mm) width	503
Intermediate, 1.41 m^3, 115" (2921 mm) width	527
LGP, 1.53 m^3, 124" (3146 mm) width	560
D4G	
XL, 1.91 m^3, 105" (2671 mm) width	587
Intermediate, 1.68 m^3, 115" (2921 mm) width	606
LGP, 1.83 m^3, 124" (3146 mm) width	647
1.43 m^3, 97" (2456 mm) width	503
D5G	
XL, 2.19 m^3, 106" (2690 mm) width	683
Intermediate, 2.09 m^3, 115" (2921 mm) width	627
LGP, 2.34 m^3, 128" (3254 mm) width	686
1.43 m^3, 97" (2456 mm) width	503
Forestry, 2.19 m^3, 106" (2690 mm) width	1001
Cab, ROPS, includes air conditioner, comfort seat (cloth), 110 amp alternator	403
Cab, ROPS, logging, includes screens and polycarbonate door windows, air conditioner, comfort seat (cloth), 110 amp alternator	606
Counterweight, front	289
Counterweights, idler mounted	
D3G and D4G	136
Drawbar, towing	13
Drive, auxiliary	11
Guards	
Rock, idler	
D3G and D4G (with counterweight)	21
D3G and D4G (without counterweight)	15
D5G	31
Track Roller	
D3G	69
D4G	78
D5G	99
Heater	
Engine coolant	0.45
ROPS canopy	33
Heavy duty grill	16
Hydraulic arrangement	
4-valve, 1-lever dozer control, ripper	12
4-valve, 1-lever dozer control, winch	12

	kg
Lights	
ROPS, canopy, two front, one rear	4
ROPS, cab, two front, one rear	7
Machine Security System	3
Product Link	8
Radiator grid, sandblast	12
Ripper, parallelogram, includes three shanks and teeth	563
Screens:	
Front and door, for use with ROPS canopy	91
Rear, for use with ROPS canopy	23
Rear, for use with ROPS cab	24
Side, for use with ROPS canopy	41
Side, for use with ROPS cab	46
Sound suppression, exterior	
D3G	43
D4G	40
D5G	16
Starting aid, ether	4
Sweeps, logging	133
Tracks:	
D3G	
14" (356 mm) triple grouser, sealed and lubricated track	-34
25" (635 mm) self cleaning, sealed and lubricated track	175
D4G	
25" (635 mm) self cleaning, sealed and lubricated track	181
D5G	
18" (460 mm) single grouser, sealed and lubricated track	-84
18" (460 mm) single grouser, rotating bushing track	9
20" (510 mm) single grouser, rotating bushing track	42
26" (660 mm) single grouser, rotating bushing track	42
Winch	
Installation, includes pump, lines, filter and control lever	69
Winch, variable speed	610
Fairlead (3-roller) for winch	120
4th roller kit for fairlead	17

HEHT2768-1 (11/2003) hr

Featured photos of machines may not always include standard equipment.
See your Caterpillar Dealer for available options.
Materials and specifications are subject to change without notice.

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