

GOVERNMENTAL

2019 BUYERS' GUIDE

SOLUTIONS

A CATERPILLAR PUBLICATION SERVING GOVERNMENTAL AGENCIES



2019 BUYERS'
GUIDE

CATERPILLAR®



LOWER MACHINE COSTS

Customer Support Agreements improve agency efficiency

A Customer Support Agreement (CSA) helps lower your agency's machine costs, and improves fleet condition and performance. Agreements are tailored to meet your specific needs, and can range from simple Preventive Maintenance Kits to sophisticated Total Cost Performance Guarantees.

Flexibility is key. Each CSA is an individualized plan designed to drive down operating costs. Agreements may include as few or as many machines as you wish. You can cover individual systems, single pieces of equipment, or your entire fleet. CSA benefits include:

Skilled Technicians – Our well-trained and highly skilled technicians service machines, so you can be sure that all work is completed quickly and correctly.

Early Warning – Advanced diagnostics identify problems early to prevent small problems from escalating, and enable you to schedule repairs at your convenience.

Increased Uptime – Engines and other components run more efficiently and reliably, improving uptime.

Preventive Maintenance – work with our experts to develop a customized preventive maintenance program that meets your agency's needs and budget.

Visit our dealership for more information about how a CSA can help improve your agency's efficiency and fleet performance.

GOVERNMENTAL SOLUTIONS

2019 BUYERS' GUIDE

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CAT.COM/GOVERNMENTAL

Includes complete specifications for all machines. Check this out and more at **Cat.com/governmental.**



MOTOR GRADERS

120
12M3
140
140M3
160M3
14M3

- Net Power: 140 hp – 238 hp
- Operating Weights: 35,067 lb – 57,250 lb
- New for 2019 – protect your agency's investment with up to a nine-year/10,000-hour Premier warranty, available for new Cat® motor graders.
- Extended warranty coverage is now available on Cat motor graders already in your fleet. A two-year/2,000-hour Premier warranty extension is offered for machines seven years old and newer.
- Serviceability features unique to M Series models help keep uptime high and performance strong. Cat Top Adjust Drawbar wear inserts provide easy access from the top of the drawbar. Low-cost, replaceable bronze wear inserts in the lift and centershift cylinder ends help maintain factory tightness.
- Technology packages are available at a wide variety of levels to help meet your agency's needs. Whether operators need a basic indication of slope or accessibility to equip your machine with 2D or 3D machine control and guidance systems, Cat Motor Graders can address the application need.
- Stable Blade is an industry-exclusive, patented technology that detects machine bounce, and automatically reduces machine speed as needed before the operator even notices the need. Once stabilized, the machine returns to its original speed without operator intervention.
- Auto Articulation enables your agency's M Series motor graders to articulate automatically when steered. This improves performance and maneuverability in tight spaces.





MOTOR GRADERS:
VERSATILITY PLUS

Steering wheel and levers now available on new motor graders

With the introduction of two new Cat® Motor Graders, the 120 and 140, your agency now has the choice of working with joysticks or steering wheel and lever controls.

The Next Generation Cat 120 Motor Grader enables your agency to tailor the machine to best meet your preferences and applications. Choose between steering wheel and levers or joystick controls, tandem or all-wheel drive, and a range of scalable grade control technologies. The all-new cab provides enhanced visibility, seat options, and a new information display screen.

The new 140 Motor Grader features integrated technology and performance with steering wheel and lever controls. O&O costs are reduced up to 20 percent with new filtration technology for extended fluid/filter maintenance intervals, grouped filters for easy access, reversing fan option for debris removal, and proven powertrain with ECO mode. Technology options are available on the new 140 for all customers and application needs:

- Cat GRADE technology
- Cat GRADE with Cross Slope
- Cat GRADE with Cross Slope Indicate
- Digital Blade Slope Meter
- Stable Blade

Visit our dealership or Cat.com for more information about the options available in the new 120 and 140 motor graders to improve your agency's efficiency.



	120 Motor Grader	140 Motor Grader
Engine Model	Cat C7.1 ACERT	Cat C9.3 ACERT
Emissions	Tier 4 Final	Tier 4 Final
VHP Plus Range - Net	140 hp - 167 hp	177 hp - 250 hp
AWD Range - Net	144 hp - 189 hp	176 hp - 270 hp
Operating Weight – Typically Equipped	35,067 lb	42,325 lb
Operating Weight – AWD Typically Equipped	36,731 lb	44,613 lb



DOZERS

D3K2 D6T
D4K2 D6
D5K2 D6 XE
D6K2 D7E
D6N D8T

Small | D3K2, D4K2, D5K2

- Net Power: 80 hp – 104 hp
- Operating Weights: 17,465 lb – 20,313 lb
- Ideal for a variety of jobs, including clearing sites, sloping sides of roads, backfilling, and final grade work.
- Traction Control reduces track slip and undercarriage wear for lower operating costs.

Medium | D6K2, D6N, D6T, D6, D6 XE, D7E

- Net Power: 130 hp – 238 hp
- Operating Weights: 29,258 lb – 57,441 lb
- Stable Blade Control complements operator input to automatically make instantaneous adjustments for smoother grading results with less effort.
- The D7E/D6N/D6T waste handler packages feature specialized guarding, striker bar, and seals to protect the machine from debris and provide longer wear life.
- Cat® GRADE with Slope Assist is standard on D6K2/D6N/D6T and helps operators more easily achieve the required main-fall and slope orientation of the blade. GRADE with 3D is optional on all models.

Large | D8T

- Net Power: 312 hp
- Operating Weight: 86,900 lb
- The D8T's standard Operator Presence detection system enables the machine to idle when the operator isn't seated, but locks out the powertrain and front implements to prevent unintentional movement.
- GRADE with 3D, optional on all models, is engineered specifically for Cat dozers and fully integrated at the factory, enabling the system to work seamlessly with other features to hit grade specifications and optimize blade loads.





BACKHOE LOADERS

- Net Power: 68 hp – 131 hp
- Digging Depths: 14.3 ft – 17.2 ft
- Operating Weights: 15,207 lb – 29,321 lb
- The new 440 features a 25 percent backhoe lifting improvement compared to the 430F2. The redesigned single tilt loader arms provide parallel lift and versatility in a multitude of applications.
- The new 450 increases backhoe lifting capacity by 15 percent over the 450F, and introduces an all-new cab for improved operator comfort.
- Powerful, load-sensing hydraulic systems provide excellent response for improved hoe and loader productivity and greater bucket breakout force.
- Spacious operator station with machine controls at operator's fingertips and multiple adjustments to keep the operator comfortable and productive.
- Selectable Power Management Modes not only save fuel, but maintain machine performance.
- Industry-leading versatility with an integrated toolcarrier and hydraulic coupler provides increased loader performance over the single tilt loader, as well as parallel lift.

415F2 IL
415F2
416F2
420F2/420F2 IT
430F2
440
450





903D	950M
906M	962M
907M	966M
908M	966M XE
910M	972M
914M	972M XE
918M	980M
926M	982M
930M	986K
938M	988K
950 GC	988K XE

Compact | 903D, 906M, 907M, 908M, 910M, 914M

- Net Power: 42 hp to 97 hp
- Operating Weights: 9,616 lb to 20,917 lb
- Skid steer loader-style coupler on the 903D, 906M, 907M and 908M enables use of Cat® Skid Steer Loader attachments for increased versatility.

Small/Medium | 918M, 926M, 930M, 938M, 950 GC, 950M, 962M, 966M, 966M XE

- Net Power: 115 hp – 298 hp
- Operating Weights: 21,890 lb – 51,176 lb
- The new 950 GC provides proven Cat reliability and performance to match any application.
- Load-sensing hydraulics, higher dump clearance and standard rear-view camera are standard on the 950 GC.
- M Series wheel loaders are powered by U.S. EPA Tier 4 Final ACERT engines
- Fuel efficiency on all M Series machines is best in class.
- XE advanced powertrain technology, available on the 966 model, delivers 25 percent lower fuel consumption compared to traditional powertrains.
- Optional Cat Production Measurement and VisionLink® enable easy access to machine data including bucket payload, fuel consumption, engine idle time and operating hours.

Medium/Large | 972M, 972M XE, 980M, 982M, 986K, 988K, 988K XE

- Net Power: 299 hp – 541 hp
- Operating Weights: 54,871 lb – 116,362 lb
- The new 988K XE is the first Cat Wheel Loader featuring a high-efficiency electric drive system, which improves overall efficiency by 25 percent.
- 982M is a two-pass for superior productivity, loading typical on-highway trucks.
- The 972M Aggregate Package is a three-pass match with typical on-highway trucks.





SKID STEER LOADERS

- Net Power: 65.8 hp – 106 hp
- Rated Operating Capacities: 1,550 lb – 3,650 lb
- Broad range of performance-matched Cat® Work Tool Attachments make Cat Skid Steer Loaders the most versatile machines on your worksites.
- Speed Sensitive Ride Control option assures an even smoother ride with better material retention.
- Available high-flow, high-pressure hydraulic systems efficiently run even the most power-hungry attachments.
- Multiple control options are available on D Series machines: traditional ISO pattern controls, H-pattern controls, and hand-and-foot controls.
- Available Advanced Display provides integrated rear-view camera and enables on-screen machine performance adjustments.

- 226D
- 232D
- 236D
- 242D
- 246D
- 262D
- 272D2
- 272D2 XHP





COMPACT TRACK/ MULTI TERRAIN LOADERS

239D 289D
 249D 299D2
 259D 299D2 XHP
 279D 257D

Compact Track Loaders | 239D, 249D, 259D, 279D, 289D, 299D2, 299D2 XHP

- Net Power: 65.8 hp – 106 hp
- Rated Operating Capacities: 2,050 lb – 4,975 lb / 50 percent tipping load
- Standard, fully independent torsion axle suspension and Speed Sensitive Ride Control option assure a smoother ride, better material retention.
- High-flow, high-pressure hydraulic systems are available to maximize attachment performance.
- Intelligent Leveling™ system and optional positioning capabilities speed cycle times.
- Industry-leading optional sealed and pressurized cab provides a cleaner, quieter work environment.
- Available high-back, heated, air-ride seats include seat-mounted, adjustable joystick controls.
- Bar-style rubber track treads available for extra traction, especially when operating in snow.
- Multiple control options are available on D Series machines: traditional ISO pattern controls, H-pattern controls, and hand-and-foot controls.
- Available Advanced Display provides integrated rear-view camera and enables on-screen machine performance adjustments.

Multi Terrain Loader | 257D

- Net Power: 73.2 hp
- Rated Operating Capacities: 2,800 lb / 50 percent tipping load
- A smoother ride, better material retention are assured by standard, fully independent torsion axle suspension and Speed Sensitive Ride Control option.





HYDRAULIC EXCAVATORS

Mini | 300.9D, 301.5, 301.7 CR, 301.8, 302 CR, 302.4D, 302.7D CR, 303E CR, 303.5E2 CR, 304E2 CR, 304.5E2 XTC, 305E2 CR, 305.5E2 CR, 307.5, 308 CR, 309 CR, 310

- Net Power: 13 hp – 70.3 hp
- Operating Weight: 2,061 lb – 22,447 lb
- All new models feature sealed and pressurized cab complete with camera ready monitor, Bluetooth radio and phone, and stick steer with cruise control for easier and efficient operation.
- The new 309 CR High Flow includes undercarriage options and dedicated auxiliary pump for hydromechanical attachments.
- The new 310 features a long undercarriage, fixed boom, standard tail and 10,000-pound lifting capability.

Small/Medium | 311F L, 313F L, 313F L GC, 315F L, 316F L, 318F L, 320 GC, 320, 323, 325F L, 326F L, 330 GC, 330, 335F L

- Net Power: 70 hp – 200 hp
- Operating Weight: 30,600 lb – 84,170 lb
- Five Next Generation 20-ton size excavators—320 GC, 320, 323, 330 GC, and 330— increase operating efficiency, reduce fuel and maintenance costs, and improve operator comfort.
- Two new GC models—320 GC and 330 GC—are durable, low cost-per-hour excavators that balance productivity and operator comfort with reduced fuel consumption and maintenance.
- Cat Grade and Slope and Cat GRADE with ASSIST help your agency optimize grading efficiency and achieve consistent grades and slopes with more precision.

300.9D	310
301.5	311F L
301.7 CR	313F L
301.8	313F L GC
302 CR	315F L
302.4D CR	316F L
302.7D CR	318F L
303E CR	320 GC
303.5E2 CR	320
304E2 CR	323
304.5E2 XTC	325F L
305E2 CR	326F L
305.5E2 CR	330 GC
307.5	330
308 CR	335F L
309 CR	



WHEELED EXCAVATORS

M314F
M315F
M316F
M317F
M318F
M320F
M322F

- Net Power: 141 hp – 169 hp
- Operating Weight: 31,658 lb – 49,229 lb
- To reduce operator fatigue, F Series machines feature an automatic system that locks the axle-oscillation function and sets the service brakes to prepare for digging.
- The versatility and mobility of wheeled excavators enable your agency to complete jobs in less time, using fewer machines.
- With a Tool Control System, you can pre-program hydraulic flow and pressure for up to 10 different attachments.
- Standard rear-view and side-view cameras help provide a clear, all-around view.
- The compact radius of the new M315F and M317F increases fleet versatility on tight-quarter and restricted-radius projects such as road construction and work on small jobsites.





TRANSFER STATION & MRF MACHINES

Material Handlers | MH3022, MH3024, MH3026

- Maximum Power: 174 hp
- Operating Weight: 48,094 lb – 57,651 lb
- The MH3022 is an agile solution for jobs with space constraints, providing the necessary reach for tasks such as indoor sorting and waste handling.
- The MH3024 features optimum reach with its long MH front linkage and a choice of undercarriage configurations to complete jobs like waste handling, recycling and bulk-material handling.
- The MH3026 is the best choice if work requires greater lifting capacities and a larger working envelope.
- All models feature continuous top- and side-plate construction throughout boom and stick for greater durability.

MH3022	966M
MH3024	962M
MH3026	966M XE
926M	972M
930M	972M XE
938M	980M
950M	

Small & Medium Wheel Loaders | 926M, 930M, 938M, 950M, 962M, 966M, 966M XE, 972M, 972M XE, 980M

- Net Power: 153 hp – 386 hp
- Operating Weight: 28,770 lb – 66,318 lb
- All M Series machines feature deep system integration, which reduces emissions and improves performance and fuel economy.
- Flexport molded and Brawler “press-on” solid tires prevent unscheduled downtime, while increasing productivity.
- Three specially designed waste buckets handle different waste applications.
- Waste-handling package including: heavy guarding, special radiator, reversing fan and engine and cab pre-cleaners—improves uptime, reliability and operator comfort.





LANDFILL MACHINES

D6K2	621K
D6N	623K
D6T	627K
D6	637K
D6 XE	725C2
D7E	730
D8T	730 EJ
D9T	735
816K	740 GC
826K	740 EJ
836K	745

Dozers | D6K2 D6N, D6T, D6, D6 XE, D7E, D8T, D9T

- Net Power: 130 hp – 312 hp
- Operating Weight: 36,943 lb – 106,618 lb
- Waste handler packages help protect machines from damage caused by debris.
- Landfill blades and center-hole track shoes optimize waste handler performance.
- Insulated Clean Emissions Module and thermal shields provide a high level of thermal protection.

Landfill Compactors | 816K, 826K, 836K

- Gross Power: 284 hp – 562 hp
- Operating Weight: 56,899 lb – 123,319 lb
- Comprehensive guarding includes the Cat Axle Guard system, which protects final drives and wheel rims.
- Cat wheels and tips maximize performance and compaction. Choose from paddle tips, plus tips, combination tips and diamond tips.
- A variety of blades—Straight, Semi U and U—helps meet diverse cover-material-spreading requirements.

Scrapers | 621K, 623K, 627K, 637K

- 407 hp – 590 hp for tractors (+290 hp for rear engine on tandem models)
- Scraper Capacity: 23 – 34 yd³ (heaped)
- The K Series steering system requires significantly less effort, which reduces operator fatigue and improves efficiency.
- Ground Speed Control enables the operator to set the desired top speed, and the machine will find the gear that works best for the engine and transmission, resulting in a lower engine load factor and reduced fuel burn.

Articulated Trucks | 725C2, 730, 730 EJ, 735, 740 GC, 740 EJ, 745

- Net Power: 314 hp – 504 hp
- Rated Payload: 26 tons – 45.2 tons
- Articulated trucks are well-suited for placing cover soil. The 730 EJ and 740 EJ feature ejector bodies, which are safer and provide clean load ejection on-the-go.
- All models, with the exception of the 725C2, feature a completely re-engineered cab for improved comfort and ease of operation. This includes Assisted Hoist Control and Cat Detect with Stability Assist system. The quieter cab design lowers inside sound levels by 7 dB.





INCREASE MACHINE VERSATILITY, **IMPROVE EFFICIENCY**

Fleet and worksite efficiencies are improved with Cat® attachments. They tailor machines to meet your agency's exacting work requirements, add versatility, and help your crews complete work more efficiently. Cat attachments help stretch your fleet capabilities without the expense of added machines.

Cat Attachments Include:

- Augers
- Backhoes
- Bale Handlers
- Blades
- Brooms
- Brushcutters
- Buckets
- Cold Planers
- Compactors
- Couplers
- Cutters
- Forks
- Grapples
- Hammers
- Lifting Hooks
- Material Handling Arms
- Mixing Buckets
- Mulchers
- Multi Processors
- Plows
- Pulverizers
- Rakes
- Rippers
- Scarifiers
- Shears
- Side Discharge Buckets
- Snow Blowers
- Snow Plows and Pushes
- Stump Grinders
- Thumbs
- Tillers
- Trenchers
- Truss Booms
- Wheel Saws
- Winches



SO MUCH MORE

Machines and attachments help your agency be more successful, but Caterpillar and our dealership provide so much more. Our machine/application trainers help improve operator skills, and experienced personnel are available to perform site and machine assessments, machine right-sizing, and machine and application best practices training.

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