

2022 BUYERS GUIDE

GOVERNMENTAL SOLUTIONS

A CATERPILLAR PUBLICATION SERVING GOVERNMENTAL AGENCIES



2022 BUYERS
GUIDE

CATERPILLAR®



NEXT GEN 966 & 972 WHEEL LOADERS

Premium Performance, Lower Maintenance

The new Cat® Next Generation 966 and 972 Medium Wheel Loaders features technology that increases productivity, improves fuel efficiency and reduces maintenance costs.

The 966 and 972 models use smart technology to move more tons of material per hour, increasing productivity by up to 10 percent.

Extended service intervals lower maintenance costs. Improved performance, reliability, durability and versatility result in a machine that is better built to meet your needs.

Productivity-boosting technology

Standard on both models, Cat Payload with Assist helps operators load to target the first time, every time.

The Auto Set Tires reduces tire slip and wear by promoting best-practice loading techniques. As the operator goes into the pile, it provides lift command to set the front tires, making sure there's no slippage.

Pairing Auto Set Tires with the new Cat Autodig makes the job almost effortless. Autodig automates the entire dig cycle from entering the pile all the way through dumping into a truck hopper, or any height where you want to stop. This feature benefits novice and experienced operators alike.

Built with safety in mind

The Next Gen wheel loaders come with several new and enhanced features to increase visibility and awareness of surroundings.

A high-definition rearview camera comes standard, or your agency can upgrade to the multi-view vision system for a 360-degree view around the machine. Cat Detect radar

technology is another optional feature for those looking to take safety to the next level.

Longer service intervals

Next Gen loaders can spend more time at work thanks to extended maintenance intervals for fluids and filters. The 966 and 972 series design extends maintenance intervals to 1,000 hours and eliminates the 500-hour service intervals.

An integrated, optional Autolube reduces daily maintenance and increases component service life, while convenient access to hydraulic and electric service centers makes servicing the loaders fast and easy. Combined, these design updates reduce maintenance costs up to 20 percent for the Cat 966 and 972.

Enhanced cab comfort

The Next Generation loaders have a redesigned cab that features the following improvements:

- Dynamic damper seats slow down travel for a smoother ride than an air cushion alone. Options include heating and ventilation for year-round comfort.
- Sound suppression, seals and viscous mounts decrease noise levels for a quieter work environment.
- Seat-mounted electrohydraulic joystick steering reduces operator fatigue and provides better visibility than a steering wheel.
- A new dashboard and high-resolution touchscreen display provide intuitive and user-friendly loader controls.

To learn more about how the new line of Cat Medium Wheel Loaders, contact our dealership or visit cat.com. 

GOVERNMENTAL SOLUTIONS

2022 BUYERS' GUIDE



07 BACKHOE LOADERS
Complete much more work in less time



08 WHEEL LOADERS
Proven reliability, built for success



10 COMPACT TRACK LOADERS
15% more cab space for operator comfort



15 ATTACHMENTS
Increase machine versatility

CONTENTS

- 04** MOTOR GRADERS
- 05** TELEHANDLERS
- 06** DOZERS
- 07** BACKHOE LOADERS
- 08** WHEEL LOADERS
- 09** SKID STEER LOADERS
- 10** COMPACT TRACK LOADERS
- 11** HYDRAULIC EXCAVATORS
- 12** WHEELED EXCAVATORS
- 13** TRANSFER STATION & MRF MACHINES
- 14** LANDFILL MACHINES
- 15** TRACK LOADERS/ ATTACHMENTS

Governmental Solutions is published by High Velocity Communications Inc. on behalf of Caterpillar and your Cat Dealer. Publisher, Tim O'Brien • Editor, John Rondy • Creative Director, Jay Blazek • Director of Client Services, Kelly Pemper. Every attempt has been made to ensure specifications are accurate. Because specifications are subject to change without notice, check with us, your Cat Dealer, for the latest equipment information. Some photography provided courtesy of Caterpillar Inc. High Velocity Communications Inc., 1720 Dolphin Drive, Suite D, Waukesha, WI 53186-1489. Phone (262) 544-6600. Please submit address corrections and changes via e-mail to: Kelly@HighVelocityCommunications.com. © 2022 High Velocity Communications Inc. Printed in the U.S.A. **Volume 22 Number 1 Buyers Guide.** © 2022 Caterpillar. All Rights Reserved. CAT, CATERPILLAR, LET'S DO THE WORK, their respective logos, "Caterpillar Yellow", the "Power Edge" and Cat "Modern Hex" trade dress as well as corporate and product identity used herein, are trademarks of Caterpillar and may not be used without permission. VisionLink® is a trademark of Trimble Navigation Limited, registered in the United States and in other countries.

[CAT.COM/GOVERNMENTAL](https://www.cat.com/governmental)

Includes complete specifications for all machines. Check this out and more at **[Cat.com/governmental](https://www.cat.com/governmental)**.



MOTOR GRADERS

120

120 GC

140

140 GC

150

160

14

- Net Power: 139 hp – 238 hp
- Operating Weights: 35,067 lb – 57,250 lb
- Pro Equipment Protection Plan available only for governmental purchases protects select connectivity, technology, powertrain, hydraulics, certain electrical, and other select major components beyond the standard machine warranty.
- Cat® GRADE with 3D for motor graders helps you get to grade faster with more accuracy, efficiency, and productivity.
- Extended Protection Plan coverage is now available on Cat® Motor Graders already in your fleet. A two-year/2,000-hour Premier extension is offered for machines seven years old and newer.
- 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.¹ Once stabilized, the machine returns to its original speed without operator intervention.
- Serviceability features unique to Cat models help keep uptime high and performance strong. Cat Top Adjust Drawbar wear inserts provide easy access from the top of the drawbar.² 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 your application needs.
- Auto Articulation enables your agency's Cat Motor Graders to articulate automatically when steered, improving performance and maneuverability in tight spaces.³

¹ Stable Blade is not available on the 120 GC and 140 GC

² Top Adjust is not available on the 120 GC and 140 GC

³ Auto articulation is only available on joystick models

Note: Additional features available for most models, consult our dealership for more information.





TELEHANDLERS

Superior design and advanced features combine to give Cat® Telehandlers the best all-around visibility, lift and reach capabilities. Top performance and rugged construction deliver reliability and durability with low operating costs. Designed to meet the varying needs of construction applications, the comprehensive range of standard features and optional equipment extends the scope for wider application use.

- Gross Power: 74 hp – 142.1 hp
- Load Capacities: 5,500 lb – 12,000 lb
- Max Lift Height: 18.4 ft – 54.6 ft
- Excellent visibility with optional peripheral sensors and rearview camera provide operator with confidence for safe, efficient operation
- Single-lever joystick activates all boom functions for easy operation
- Quiet, spacious operating environment with adjustable suspension seat and intuitive controls deliver operator comfort all-shift long
- A variety of attachments is available to equip your telehandler for any task. Fork carriages, buckets, pipe grapples and truss booms are just some of the options available, enabling you to tailor your machine to the jobs at hand in your city, county or township
- Ground-level access to all daily service points and a side-mounted engine make servicing simple

TH255C	TL642
TH357D	TL943
TH408D	TL1055
TH3510D	TL1255





DOZERS

D1 D6
 D2 D6 XE
 D3 D7
 D4 D8T
 D5 D9

Small | D1, D2, D3

- Net Power: 80 hp – 104 hp
- Operating Weights: 17,855 lb – 20,639 lb
- Stable Blade complements operator blade control input, reducing fatigue
- Eco Mode delivers extra fuel savings of up to 20 percent
- Traction Control reduces undercarriage wear, even under maximum load
- Power Pitch option enables blade pitch from the operator's seat to boost productivity
- Optional heated and ventilated air-suspension seat and optional heated control handles help increase operator comfort in all climates
- Optional Slope Assist helps achieve desired blade mainfall
- Cat® GRADE with 3D is an optional, integrated 3D grade control system, enabling operators to improve grading efficiency, accuracy and productivity

Medium | D4, D5, D6, D6 XE, D7

- Net Power: 130 hp – 265 hp
- Operating Weights: 29,259 lb – 65,644 lb
- Revolutionary D6 XE is world's first High Drive, Electric Drive Dozer, delivering constant power to the ground, greater agility and faster cycle times
- D6 XE is up to 35 percent more fuel efficient and up to 50 percent more productive
- Updated GRADE with 3D and Slope Assist helps achieve the best quality results
- New Cat D4 Dozer delivers 30 percent better visibility with a sloped hood design, lower operating costs by increasing fuel efficiency/ improving maintenance, and up to 50 percent more productivity with Cat Technology
- Waste handling configurations available from the factory for D5 to the D7

Large | D8T, D9

- Net Power: 354 hp – 452 hp
- Operating Weight: 87,600 lb – 110,225 lb
- GRADE with 3D, optional on all models, is engineered specifically for Cat Dozers and fully integrated at the factory to optimize blade loads





BACKHOE LOADERS

Cat® Backhoe Loaders help you complete more work in less time on your jobsites, with front loader arms that provide improved reach and excavator-style boom that delivers superior digging power. These machines are also extremely versatile with a variety of attachments, so you can go from moving material and digging trenches to breaking up soil or hard surfaces quickly. Because of their relatively small frame size and versatility, Cat Backhoe Loaders are reliable performers and lower your machine operating costs.

- Net Power: 70 hp – 131 hp
- Digging Depths: 14 ft – 21.4 ft
- Operating Weights: 15,246 lb – 29,321 lb
- 420 XE delivers exceptional performance, increased fuel economy, superior hydraulic system, maximum versatility and updated operator station
- 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 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 provides a hydraulic coupler and increased loader performance over the single-tilt loader, as well as parallel lift
- Air-suspension seat and ergonomic controls provide a comfortable working environment
- Travel speeds up to 25 mph enable faster roading between jobsites

415
416
420
420 XE
430
440
450





WHEEL LOADERS

903D	962M
906M	966
907M	966 XE
908M	972 XE
910	980
914	980 XE
920	982
926M	982 XE
930M	986K
938M	988K
950M	988K XE
950 GC	

Compact | 903D, 906M, 907M, 908M, 910, 914, 920

- Net Power: 42 hp – 121 hp
- Operating Weights: 9,414 lb – 21,742 lb
- Cat® C3.6 engine powers new 910 and 914 for greater hp, improved fuel efficiency
- Strong breakout force and dependable performance are built in for fast cycle times
- Superior reach and excellent visibility enable easy, efficient material placement
- Spacious cabs with joystick controls keep operators comfortable all-shift long
- Optional Ride-Control system provides an even more comfortable ride and greater material retention over rough terrain
- Skid steer loader-style coupler on the 903D, 906M, 907M and 908M enables use of Cat Skid Steer Loader attachments for increased versatility
- Tackle more jobs with one machine using the extensive line of Cat attachments

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

- Net Power: 168 hp – 321 hp
- Operating Weights: 28,193 lb – 51,176 lb
- A smooth, hydrostatic transmission provides adjustable power to the ground
- Large, spacious cabs feature excellent visibility, extremely low sound levels, automatic temperature control and ergonomic seat-mounted joystick controls
- Predictable hydraulic systems sense demand and adjust flow and pressure to match
- Optimized, parallel-lift, Z-bar loader linkage combines powerful digging ability with toolcarrier capabilities for increased performance and versatility
- A new line of optimized Performance Series Buckets and other attachments are available in a Pin-On or Fusion™ Coupler interfaces.

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

- Net Power: 339 hp – 538 hp
- Operating Weights: 54,858 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
- 982 is a two-pass match for superior productivity, loading typical on-highway trucks
- XE models deliver up to 25 percent lower maintenance costs and 35 percent better fuel efficiency





SKID STEER LOADERS

- Gross Power: 67.1 hp – 110 hp
 - Rated Operating Capacities: 1,550 lb – 3,700 lb
 - Electronic Torque Management system helps maximize performance, minimize fuel consumption
 - Available high-back, heated, air-ride seats include seat-mounted, adjustable joystick controls
 - Sealed and pressurized cabs provide a cleaner, quieter work environment
 - 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
- Increased door opening angle (up to 40% wider) for easier entry and exit
 - Wider-spaced joystick pods deliver an additional 3 inches of space for increased operator comfort.
 - SMART Technology enables the machine to recognize when a SMART Attachment is connected, tailoring the existing machine controls to the needs of the connected attachment

226D3
 232D3
 236D3
 242D3
 246D3
 262D3
 272D3
 272D3 XE

NEW TO THE D3 SERIES





COMPACT TRACK LOADERS

239D3

249D3

259D3

279D3

289D3

299D3

299D3 XE

Compact Track Loaders | 239D3, 249D3, 259D3, 279D3, 289D3, 299D3, 299D3 XE

- Gross Power: 67.1 hp – 110 hp
- Rated Operating Capacities: 1,530 lb – 4,340 lb @ 35% tipping load
- Standard, fully independent torsion suspension undercarriage and Speed Sensitive Ride Control option ensures a smoother ride and better material retention
- The Dual direction self-leveling, return-to-dig, and worktool positioner features automate machine functions to help with repetitive tasks like grading, digging, and loading
- Industry-leading sealed and pressurized cab option provides a cleaner, quieter work environment
- Available high-back, heated, air-ride seats include seat-mounted, adjustable joystick controls
- Available Bar Tread style rubber tracks available for a smoother ride, lower ground disturbance, and improved traction in mud or snow.

NEW TO THE D3 SERIES

- Increased door opening angle (up to 40% wider) for easier entry and exit
- Wider-spaced joystick pods offer an additional 3 inches of space for increased operator comfort
- SMART Technology enables the machine to recognize when a SMART Attachment is connected, tailoring the existing machine controls to the needs of the connected attachment



299D3 XE Land Management

Choose Land Management and Debris Management packages for demanding vegetation-management applications such as mulching, brush-cutting, vegetation control and mowing.



HYDRAULIC EXCAVATORS

Mini | 300.9D, 301.5, 301.7 CR, 301.8, 302 CR, 302.7 CR, 303 CR, 303.5 CR, 304, 305 CR, 306 CR, 307.5, 308 CR, 308 CR VAB, 309 CR, 309 CR VAB, 310

- Net Power: 13 hp – 69.5 hp
- Operating Weights: 2,061 lb – 22,451 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, efficient operation
- The 309 CR High Flow includes undercarriage options and dedicated auxiliary pump for hydromechanical attachments
- The 310 features a long undercarriage, fixed boom, standard tail and 10,000-pound lifting capability

Small/Medium/Large | 313, 313 GC, 315, 315 GC, 317, 317 GC, 320, 320 GC, 323, 325, 326, 330, 330 GC, 335, 336, 336 GC, 349

- Net Power: 74 hp – 424 hp
- Operating Weights: 30,400 lb – 105,200 lb
- All models feature:
 - Large, ergonomic, comfortable cab
 - Fuel saving features, longer maintenance intervals, and simplified maintenance points for lower operating costs
 - A full range of Cat® work tools to optimize performance
- All models offer fuel saving features, longer maintenance intervals, and simplified maintenance points for lower operating costs
- 2D Grade, Payload, and E-Fence technologies (standard on most models) boost operator efficiency by up to 45 percent on 313, 315 and 317 and improve jobsite productivity
- GC offerings provide job-matched performance and reliability at the low-cost-per-hour; and lower maintenance cost by up to 20 percent on all small excavators
- Compact radius offerings are the ideal choice for working confidently in space-restricted areas
- The compact radius models, plus 315 and 315 GC, are the ideal choice for working confidently in space-restricted areas like road jobs with lane closures and next to buildings

300.9D	313
301.5	313 GC
301.7 CR	315
301.8	315 GC
302 CR	317
302.7 CR	317 GC
303 CR	320
303.5 CR	320 GC
304	323
305 CR	325
306 CR	326
307.5	330
308 CR	330 GC
308 CR VAB	335
309 CR	336
309 CR VAB	336 GC
310	349



WHEELED EXCAVATORS

M314 M320
M315 M322
M316
M318
M319

- Net Power: 134 hp – 174 hp
- Operating Weights: 39,683 lb – 52,911 lb
- Next Gen lineup offers increased efficiency, improved operator comfort, with lower operating and maintenance costs
- The versatility and mobility of wheeled excavators enable you to complete more jobs, in less time, with fewer machines
- Wheeled excavators can move quickly from job to job eliminating the cost of transporting equipment
- With standard Tool Control System, you can pre-program hydraulic flow and pressure for up to 10 different attachments
- Best-in-class cab offers enhanced visibility. Machines equipped with rear camera that displays on monitor inside cab
- Multiple auxiliary hydraulic options enable use of a wide range of attachments





TRANSFER STATION & MRF MACHINES

Material Handlers | MH3022, MH3024, MH3026, MH3040

- Net Power: 145 hp – 205 hp
- Operating Weights: 54,000 lb – 84,940 lb
- MH3040 cuts fuel costs by up to 25% and maintenance costs by up to 20%
- 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

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

- Net Power: 153 hp – 393 hp
- Operating Weights: 28,632 lb – 66,877 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 includes: heavy guarding, special radiator, reversing fan and engine and cab pre-cleaners—improves uptime, reliability and operator comfort

MH3022	950M
MH3024	962M
MH3026	966
MH3040	966 XE
926M	972
930M	972 XE
938M	980
950 GC	980 XE





LANDFILL MACHINES

D5 627K

D6 637K

D6 XE 651

D7 657

D8T 725

D9 730

816 730 EJ

826K 735

836K 740 GC

621K 740 EJ

623K 745

Dozers | D5, D6, D6 XE, D7, D8T, D9

- Net Power: 130 hp – 436 hp
- Operating Weights: 29,258 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 | 816, 826K, 836K

- Gross Power: 284 hp – 562 hp
- Operating Weights: 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, 651, 657

- 407 hp – 1,095 hp for tractors (+290 hp for rear engine on tandem models)
- Scraper Capacities: 24 – 44 yd³ (heaped)
- Steer with less effort with the new high pressure steering system
- Reduce up to 14 individual operator commands per cycle using Sequence Assist (optional attachment)
- Move more material with Advanced Productivity Electronic Control System (APECS), which enables the machine to better utilize the engines' power and torque

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

- Net Power: 342 hp – 504 hp
- Rated Payloads: 26.5 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 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 7dB.





TRACK LOADERS

Track Loaders | 953, 963, 963 WH, 973K

- Net Power: 160 hp – 275 hp
- Operating Weights: 33,852 lb – 34,594 lb
- Increased horsepower enables excellent maneuverability, powerful excavating and efficient truck loading
- Redesigned, ergonomic cabs provide greater operator comfort
- Purpose-built waste handling packages available for the 953 and 963
- Ideal for working in the toughest underfoot conditions on demanding construction and demolition and waste applications

953
963
963 WH
973K

STRETCH YOUR BUDGET DOLLARS

Agency fleet efficiency is improved by pairing the right attachments with the right machines in your fleet. Attachments enable one machine to perform the work of many specialty machines, thereby stretching your equipment capabilities without stretching your available budget funds.

Cat Attachments Include:

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



Consult the equipment experts at our dealership to learn more about the best attachments for your fleet.

HIGH DRIVE. A HIGHER LEVEL OF PERFORMANCE.

ELEVATE YOUR PRODUCTIVITY WITH THE NEW CAT® D7 DOZER

Nothing says “Cat® dozer” like high drive undercarriage. It performs better and lasts longer on tough jobs, and it’s just one way the new D7 delivers a higher level of performance. The others? Added power, weight and blade capacity that combine to move more material. Automatic shifting and a standard-setting cab that make operation simple and comfortable. And technology options that can raise your productivity up to 50%. You—and your profits—will be riding high in this new dozer.

Find out more at [URL](#).

