

Engine Model Maximum Operating Weight Maximum Reach Cat[®] C4.4 26 800 kg (59,100 lb) 12 010 mm (39.4 ft)



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MH3024 WHEEL MATERIAL HANDLER

We know that when it comes to material handling equipment, your success depends on productivity and low operating costs. The Cat® MH3024 is a purpose-built material handler that will provide you with the superior performance you need for your toughest waste and scrapyard applications. The MH3024 features simpleto-use technologies, a redesigned cab for enhanced comfort, and more boom options to match your work. Combine these features with up to 10% lower operating costs and 7% greater swing torque, and you have a safe, quality and reliable product to take on the wide variety of challenges you face each day.



SUPERIOR PERFORMANCE

Work faster with up to 7% more swing torque. A wider machine footprint improves stability.

UP TO 10% LOWER OPERATING COSTS

With extended maintenance intervals and fewer connections and hoses, you get more done at a lower cost compared to the previous model.

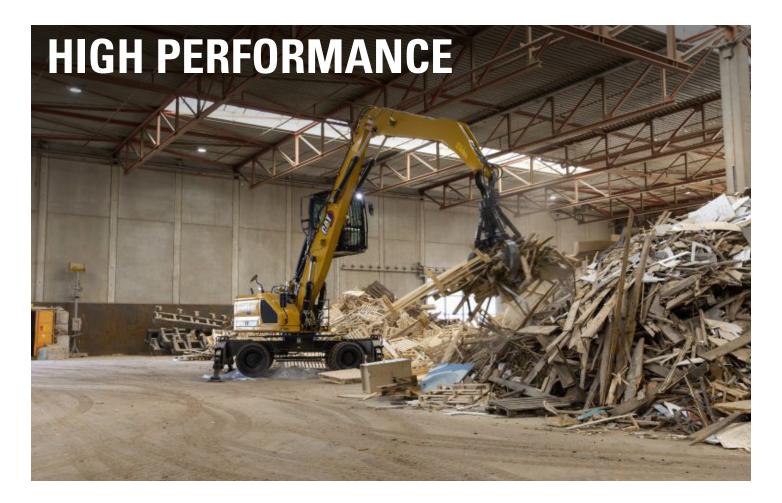
ENHANCED COMFORT

Operate with ease in cab comfort options of your choice and better visibility with 360° machine view.



- Cab Monitor Improvements
 - 1. Continuously improved user interface allows for intuitive navigation, minimizing performance interruption with the easy-to-use touchscreen menu.
 - 2. Identify apps quickly with a grid list view, abbreviated app names, and categorized menu options.
 - 3. A new notification center keeps important information visible to the operator, and displays messages without shrinking the camera view.
 - 4. Color coded notifications set critical messages apart from the rest.
 - 5. Use the in-monitor QR code to learn about machine technology and features through a full suite of "how-to" videos.
- Enhance visibility to make service work easier and safer with optional inspection lighting.
- Standard integrated vehicle health management system alerts the operator with service guidance and parts needed to enhance uptime.

Not all features are available in all regions. Please check with your local Cat dealer for specific offering availability in your area. Build Number: 07D



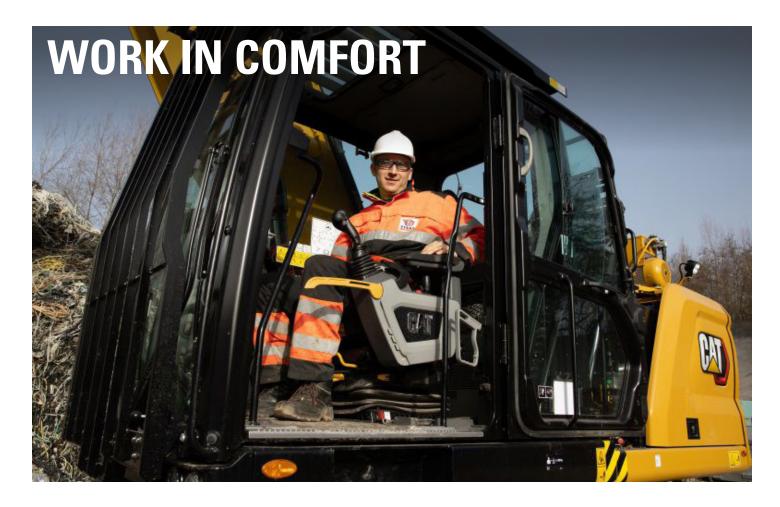
- Use up to 10% less fuel versus the previous model, with no impact on your productivity.
- Get the job done faster with 7% greater swing torque.
- The C4.4 engine can run on biodiesel up to B20 and meets U.S. EPA Tier 4 Final and EU Stage V Final emissions standards with an aftertreatment system that requires no scheduled maintenance or downtime.
- The advanced electro-hydraulic system provides the optimum balance of power and efficiency while giving you the control you need.
- Valve priority puts hydraulic pressure and flow where you need it.
- Boost lifting capabilities and improve the controllability of heavy loads with heavy lift mode.
- Program and store your preferred power mode and joystick settings using your operator ID. The machine will automatically remember your selections, reducing operator stress and fuel consumption.
- SmartBoom[™] lets the boom freely travel up and down without using any pump flow so operators can focus on stick and bucket work.

TAKE THE GUESSWORK OUT OF MANAGING YOUR EQUIPMENT

- Cat Payload helps you achieve precise load targets to improve your operating efficiency. Pick up a load of material with a bucket and thumb combination or grapple and clamshell attachments and get a real-time weight estimate without swinging.
- Combine Payload with VisionLink® and remotely manage your production targets.
- VisionLink provides actionable data insights for all assets regardless of fleet size or equipment manufacturer.* Review equipment data from your desktop or mobile device to maximize uptime and optimize assets. Dashboards provide information such as hours, miles, location, idle time, and fuel utilization. Make informed decisions that lower costs, simplify maintenance, and improve safety and security on your jobsite.
- VisionLink Productivity gathers and summarizes machine telematics and jobsite data from all your equipment – regardless of the manufacture. View actionable information such as idle time, fuel burn, location, payload, load counts, total cycles, and more to improve machine efficiency, productivity, and utilization. Access data anywhere via a mobile, tablet, or desktop – on or off the jobsite.
- Remote Troubleshoot is a mobile application that allows your Cat dealer to perform diagnostic testing on your connected machine remotely to help ensure that issues are resolved quickly and with less downtime.

- Remote Flash is a mobile application that allows you to update onboard software without a technician being present, allowing you to initiate software updates when convenient, increasing your overall operating efficiency.
- * Data field availability can vary by equipment manufacturer.

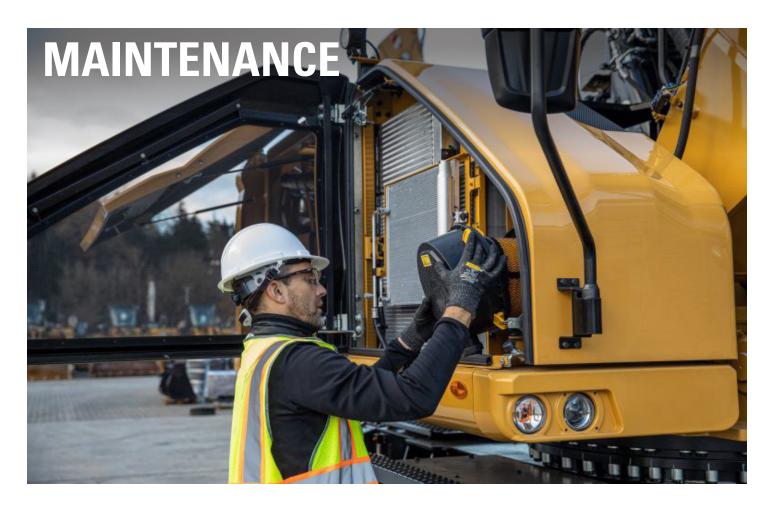




- Choose between Deluxe and Premium cab options.
- The Deluxe seat is heated and air adjustable, while the Premium seat is heated and ventilated and adjusts automatically.
- The cab has a wide seat that adjusts for operators of all sizes.
- Control the machine comfortably with easy-to-reach controls.
- Standard automatic climate control keeps you at the right temperature all shift long.
- Stow your gear with plenty of in-cab storage beneath and behind the seat, overhead, and in the consoles. A cup holder, document holder, bottle holder, and coat hook are also provided.
- Connect to personal devices via the standard radio's USB ports and Bluetooth[®] technology.
- Cat continues to improve user interface functionality for operators of all skill levels. The touchscreen monitor is an easy-to-use operating tool that presents the jobsite dashboard with an intuitive format.
- Productivity applications are displayed in grid view to read on the go, and touchscreen navigation is programmed to ensure job performance continues without any hold-ups.
- Optional auxiliary relay powers on and turns off CB radios, beacon lights, and other attachments without taking your hands off the joysticks.

- Count on your machine to withstand wear throughout the years. Boom, sticks, and other high-stress areas are reinforced with thick multi-plate fabrications, castings, and forgings to ensure quality and reliability.
- Work up to 3000 m (9,840 ft) above sea level without derating.
- Don't let the temperature stop you from working. The material handler has a standard high-ambient temperature capability of 52° C (125° F) and a cold-start capability of -18° C (0° F).
- Auto warm-up speeds up hydraulic oil warming in cold temperatures and helps prolong the life of components.
- Match your machine to your application. Multiple configurations allow you to customize your machine to your needs.
- Equip your MH3024 with an optional 15 kW generator for magnet operation. Generator controls are fully integrated into the cab monitor.
- Expand your work capabilities with attachments for a variety of applications.
- Make operating easier with the touch of a joystick button. Additional auxiliary relays allow you to power on or turn off a CB radio, beacon light, and even a dust suppression watering system without taking your hands off the joysticks.





- Track your machine's filter life and maintenance intervals via the in-cab monitor.
- Using Cat genuine oil and filters and doing your typical Scheduled Oil Sampling (S·O·SSM) monitoring will double the current service interval to 1,000 hours, giving you greater uptime to do more work.
- Expect the latest air intake filter with pre-cleaner to last up to 1,000 hours a 100% increase over the previous filter.
- The latest hydraulic oil filter provides improved filtration performance, anti-drain valves to keep oil clean when the filter is replaced, and longer life with a 3,000-hour replacement interval 50% longer than previous filter designs.
- High-efficiency cooling fans run only when needed; you can program intervals so they automatically reverse to keep cores clean without interrupting your work.
- S·O·S ports are on ground level, simplifying maintenance and allowing for quick, easy extraction of fluid samples for analysis.
- Boost productivity with proactive service reminders. The integrated vehicle health management system alerts the operator with step-by-step service guidance and the parts needed so you don't experience unnecessary downtime.

- Cab Avoidance helps you avoid contact between your worktool and the cab.
- Standard 2D E-Fence prevents your machine from moving outside operator-defined parameters.
- Ground-level shutoff switch stops all fuel to the engine when activated and shuts down the machine.
- Keep your machine secure with Operator ID. Use your PIN code on the monitor to enable the push-button starting feature.
- Enjoy great all-around visibility with the help of smaller cab pillars, larger windows, and a flat engine hood design. Rearview and side-view cameras are standard.
- Standard 1800-lumen LED exterior lights illuminate your surroundings for a safer work environment.
- Thick impact-resistant windshields fulfill P5A standards.
- Service platform design provides easy, safe, and quick access to the upper service platform. The service platform steps use an anti-skid punch plate to prevent slipping.
- The standard hydraulic lockout lever isolates all hydraulic and travel functions in the lowered position.
- Optional Operator Protective Guards (OPG) protect from falling and flying debris.
- When activated, the ground-level shutoff switch stops all fuel in the engine and shuts down the machine.

- In an emergency, lower the cab safely with the emergency cab lowering valve behind the cab riser or to the right of the seat. The valve located behind the cab riser is easily accessible.
- Boom and stick lowering check valves prevent reverse flow, keeping your front linkage securely in place should the hydraulic system unexpectedly lose pressure.
- Make service work more accessible and safer with optional inspection lighting. With the flip of a switch, lights will illuminate the engine pump, battery, and radiator compartments to enhance visibility.



SUSTAINABILITY

- The Cat C4.4 engine meets U.S. EPA Tier 4 Final and EU Stage V emission standards.
- The MH3024 emits up to 17% less CO₂ than the previous MH3024-06.*
- Cat diesel engines are required to use ULSD (ultra-low sulfur diesel fuel with 15 ppm of sulfur or less) or ULSD blended with the following lower-carbon intensity fuels*** up to: 20% biodiesel FAME (fatty acid methyl ester)** or 100% renewable diesel, HVO (hydrogenated vegetable oil) and GTL (gas-to-liquid) fuels. Refer to guidelines for successful application. Please consult your Cat dealer or "Caterpillar Machine Fluids Recommendations" (SEBU6250) for details.
- Auto Engine Speed Control helps reduce unnecessary fuel burn and greenhouse gas emissions by allowing the engine to automatically go into idle mode when the machine is not working.
- When engaged, one-touch idle helps operators conserve fuel and reduce greenhouse gas emissions by lowering engine speed when the machine is under no load and return to normal operating speed when desired.
- Cat Scheduled Oil Sampling (S·O·S) Services helps reveal excessive wear, contaminated fluids or other "unseen" issues that can shorten component life. In many cases, you can extend oil and coolant change intervals by using fluid monitoring. Consult your Cat dealer or the machine's operation and maintenance manual for more information.
- Extended maintenance intervals not only reduce downtime but decrease the amount of fluid and filters that are replaced over the life of the machine.

- VisionLink displays the CO₂ emissions for monitored assets, calculated by fuel type for the Runtime Fuel Burned each day in a selected date range.
- Remote Flash minimizes downtime and maintenance time while keeping your asset running with maximum efficiency. Alerts for machine updates are sent virtually from your Cat dealer and updates can be deployed without a dealer technician needing to be onsite.
- Remote Troubleshoot decreases maintenance time and keeps your machine running with maximum efficiency by allowing your Cat dealer to virtually test the machine while working. Once a problem is identified, a technician can fix it the first time, saving time and money.
 - *All comparisons to MH3024-06. Productivity, fuel and CO₂ emissions vary by application. CO₂ emissions calculations based on a reference work cycle using 2.2 U.S. gallons per hour of #2 U.S. diesel fuel based. Applies IPCC2006 methodology using U.S. EPA Emissions Hub emission factors. Includes DEF (diesel exhaust fluid) related CO₂. Fuel measurements are at 15°C. Estimated average fuel consumption improvements are based on tests or Product Link[™] data where available. Productivity improvements are based on test data.
 - **Engines with no aftertreatment devices can use higher blends, up to 100% biodiesel (for use of blends higher than 20% biodiesel, consult your Cat dealer).
- ***Tailpipe greenhouse gas emissions from lower-carbon intensity fuels are essentially the same as traditional fuels.



INCREASE YOUR PRODUCTIVITY AND PROFIT WITH CAT ATTACHMENTS

Easily expand the performance of your machine by using Cat attachments. Each Cat attachment is designed to fit the weight and horsepower of Cat material handlers for improved performance, safety, and stability. Complete attachment guides can be found in the technical specifications documents.





MULTI-PROCESSORS



MORE THAN MACHINES

BUILT AROUND YOUR SUCCESS

When you buy Cat equipment, you get so much more than the machine. You also get the support of a best-in-class dealer network, backed by a range of flexible solutions, technology, tools, and more.



CUSTOMER VALUE AGREEMENTS

A Customer Value Agreement (CVA) from your Cat dealer helps you do more and worry less. A CVA simplifies machine ownership and maintenance, adds the security of expert dealer support, and gives you the peace of mind from effective equipment health management.

GENUINE CAT PARTS

Genuine Cat parts deliver the highest level of reliability and productivity. Order direct from your Cat dealer or shop online at parts.cat.com.

REPAIR OPTIONS

A broad range of repair options gives you choices that work with your needs, budget, and timeline. Every repair is performed by expert Cat technicians. You'll receive smart repair advice, a timely, accurate quote, and service that gets your machine back into action quickly.

FINANCIAL SERVICES

Count on Cat Financial to provide the best finance and extended protection solutions for your business. For more than 30 years, we have helped our customers succeed through financial service excellence.















SKID STEERS

MATERIAL HANDLERS

EXCAVATORS

WHEEL LOADERS

TRACK LOADERS

Engine					
Engine Model	Cat C4.4				
Net Power – ISO 9249	128 kW	171 hp			
Net Power – ISO 9249 (DIN)	174 hp (metric)				
Engine Power – Maximum – ISO 14396	129 kW	174 hp			
Engine Power – ISO 14396 (DIN)	176 hp (metric)				
Bore	105 mm	4.1 in			
Stroke	135 mm	5.3 in			
Displacement	4.4	268.5 in ³			
Biodiesel Capability	Up to B201				
Emissions	Meets U.S. EPA Tier 4 Final and EU Stage V emission standards.				
Maximum Gross – ISO 14396	129.4 kW (174 hp [176 hp/PS*])				

Net power advertised is the power available at the flywheel when the engine is equipped with fan, air intake system, exhaust system, and alternator with engine speed at 2,200 rpm. Advertised power is tested per the specified standard in effect at the time of manufacture.

¹Cat diesel engines are required to use ULSD (ultra-low sulfur diesel fuel with 15 ppm of sulfur or less) or ULSD blended with the following lower-carbon intensity fuels** up to: 20% biodiesel FAME (fatty acid methyl ester)* or 100% renewable diesel, HVO (hydrotreated vegetable oil) and GTL (gas-to-liquid) fuels. Refer to guidelines for successful application. Please consult your Cat dealer or "Caterpillar Machine Fluids Recommendations" (SEBU6250) for details. *Engines with no aftertreatment devices can use higher blends, up to 100% biodiesel (for use of blends higher than 20% biodiesel, consult your Cat dealer).

**Tailpipe greenhouse gas emissions from lower-carbon intensity fuels are essentially the same as traditional fuels.

Transmission						
Maximum Gradeability	(23 500 kg/51,810 lb)					
Maximum Travel Speed (with steering wheel)	20 km/h	12.4 mile/h				
Maximum Travel Speed (with joysticks)	15 km/h	9.3 mile/h				
Drawbar Pull	127 kN	28,551 lb/ft				
Hydraulic System						
Maximum Pressure – Implements	37 000 kPa	5,366 psi				
Maximum Pressure – Travel	35 000 kPa	5,075 psi				
Maximum Pressure – Swing	39 000 kPa	5,656 psi				
Machine Weights						
Maximum Operating Weight	26 800 kg	59,100 lb				
Minimum Operating Weight	22 700 kg	50,050 lb				
Swing Mechanism						
Maximum Swing Torque	58 kN⋅m	42,631 ft·lbf				
Swing Speed	8.2 r/min					
Air Conditioning System						

The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 1.05 kg (2.31 lb) of refrigerant which has a CO_2 equivalent of 1.502 metric tonnes (1.656 tons).

Dimonoio					
Dimensio		- (0.45%)			
Boom	MH Boom 7.45 m (24'5")				
Stick	Drop Nose 5				
Undercarriage Width	2990 mm	9.8 ft			
Shipping Height (with OPG, without stick)	3350 mm	11 ft			
Shipping Length	10 670 mm	35 ft			
Shipping Length (with push blade)	11 130 mm	36.5 ft			
Machine Length	5290 mm	17.3 ft			
Machine Length (with push blade)	5740 mm	18.8 ft			
Tail Swing Radius	2600 mm	8.5 ft			
Counterweight Clearance	1300 mm	4.3 ft			
Cab Height- Lowered	3350 mm	11 ft			
Cab Height-Lowered with OPG	3350 mm	11 ft			
Cab Height-Raised	5750 mm	18.9 ft			
Cab Height-Raised with OPG	5750 mm	18.9 ft			
Wheel Base	2750 mm	9 ft			
Shipping Width	2990 mm	9.8 ft			
Ground Clearance	320 mm	1.1 ft			
Undercarriage Length	5300 mm	17.4 ft			
Undercarriage Length (with push blade)	5740 mm	18.8 ft			
Upper Frame Width (including handrails)	2540 mm	8.3 ft			
Working Ranges					
oom MH Boom 7.45 m (24'5")					
DUUIII	IVIH BOOM 7.4	15 m (24′5″)			
Stick	Drop Nose 5				
Stick	Drop Nose 5	.0 m (16′5″)			
Stick Maximum Reach	Drop Nose 5 12 010 mm	.0 m (16'5") 39.4 ft			
Stick Maximum Reach Maximum Height	Drop Nose 5 12 010 mm 13 030 mm	0 m (16'5") 39.4 ft 42.8 ft			
Stick Maximum Reach Maximum Height Minimum Dump Height	Drop Nose 5 12 010 mm 13 030 mm 4520 mm	0 m (16'5") 39.4 ft 42.8 ft 14.8 ft			
Stick Maximum Reach Maximum Height Minimum Dump Height Maximum Reach at Ground Line	Drop Nose 5 12 010 mm 13 030 mm 4520 mm 11 870 mm	0 m (16'5") 39.4 ft 42.8 ft 14.8 ft 38.9 ft			
Stick Maximum Reach Maximum Height Minimum Dump Height Maximum Reach at Ground Line Maximum Depth Boom Pin Height	Drop Nose 5 12 010 mm 13 030 mm 4520 mm 11 870 mm 3010 mm 9260 mm	.0 m (16'5") 39.4 ft 42.8 ft 14.8 ft 38.9 ft 9.9 ft			
Stick Maximum Reach Maximum Height Minimum Dump Height Maximum Reach at Ground Line Maximum Depth	Drop Nose 5 12 010 mm 13 030 mm 4520 mm 11 870 mm 3010 mm 9260 mm	.0 m (16'5") 39.4 ft 42.8 ft 14.8 ft 38.9 ft 9.9 ft			
Stick Maximum Reach Maximum Height Minimum Dump Height Maximum Reach at Ground Line Maximum Depth Boom Pin Height Service Refill Car Fuel Tank Capacity	Drop Nose 5 12 010 mm 13 030 mm 4520 mm 11 870 mm 3010 mm 9260 mm apacities 350 L	.0 m (16'5") 39.4 ft 42.8 ft 14.8 ft 38.9 ft 9.9 ft 30.4 ft 92.5 gal			
Stick Maximum Reach Maximum Height Minimum Dump Height Maximum Reach at Ground Line Maximum Depth Boom Pin Height Service Refill C	Drop Nose 5 12 010 mm 13 030 mm 4520 mm 11 870 mm 3010 mm 9260 mm apacities	.0 m (16'5") 39.4 ft 42.8 ft 14.8 ft 38.9 ft 9.9 ft 30.4 ft 92.5 gal 3.4 gal			
Stick Maximum Reach Maximum Height Minimum Dump Height Maximum Reach at Ground Line Maximum Depth Boom Pin Height Service Refill C Fuel Tank Capacity Engine Oil Hydraulic Tank	Drop Nose 5 12 010 mm 13 030 mm 4520 mm 11 870 mm 3010 mm 9260 mm apacities 350 L 13 L	.0 m (16'5") 39.4 ft 42.8 ft 14.8 ft 38.9 ft 9.9 ft 30.4 ft 92.5 gal			
Stick Maximum Reach Maximum Height Minimum Dump Height Maximum Reach at Ground Line Maximum Depth Boom Pin Height Service Refill Ca Fuel Tank Capacity Engine Oil Hydraulic Tank Hydraulic System – Including Tank	Drop Nose 5 12 010 mm 13 030 mm 4520 mm 11 870 mm 3010 mm 9260 mm apacities 350 L 13 L 155 L 345 L	.0 m (16'5") 39.4 ft 42.8 ft 14.8 ft 38.9 ft 9.9 ft 30.4 ft 92.5 gal 3.4 gal 40.9 gal 91.1 gal			
Stick Maximum Reach Maximum Height Minimum Dump Height Maximum Reach at Ground Line Maximum Depth Boom Pin Height Fuel Tank Capacity Engine Oil Hydraulic Tank Hydraulic System – Including Tank Rear Axle – Housing (Differential)	Drop Nose 5 12 010 mm 13 030 mm 4520 mm 11 870 mm 3010 mm 9260 mm apacities 350 L 13 L 155 L 345 L 14 L	.0 m (16'5") 39.4 ft 42.8 ft 14.8 ft 38.9 ft 9.9 ft 30.4 ft 92.5 gal 3.4 gal 40.9 gal 91.1 gal 3.7 gal			
Stick Maximum Reach Maximum Height Minimum Dump Height Maximum Reach at Ground Line Maximum Depth Boom Pin Height Engine Oil Hydraulic Tank Hydraulic System – Including Tank Rear Axle – Housing (Differential) Front Steering Axle – Differential	Drop Nose 5 12 010 mm 13 030 mm 4520 mm 11 870 mm 3010 mm 9260 mm apacities 350 L 13 L 155 L 345 L 14 L 10.5 L	.0 m (16'5") 39.4 ft 42.8 ft 14.8 ft 38.9 ft 9.9 ft 30.4 ft 92.5 gal 3.4 gal 40.9 gal 91.1 gal 3.7 gal 2.8 gal			
Stick Maximum Reach Maximum Height Minimum Dump Height Maximum Reach at Ground Line Maximum Depth Boom Pin Height Service Refill C Fuel Tank Capacity Engine Oil Hydraulic Tank Hydraulic System – Including Tank Rear Axle – Housing (Differential) Front Steering Axle – Differential Powershift Transmission	Drop Nose 5 12 010 mm 13 030 mm 4520 mm 3010 mm 9260 mm 9260 mm 350 L 13 L 155 L 345 L 345 L 14 L 10.5 L 2.5 L	.0 m (16'5") 39.4 ft 42.8 ft 14.8 ft 9.9 ft 30.4 ft 92.5 gal 3.4 gal 40.9 gal 91.1 gal 3.7 gal 2.8 gal 0.7 gal			
Stick Maximum Reach Maximum Height Minimum Dump Height Maximum Depth Boom Pin Height Service Refill C Fuel Tank Capacity Engine Oil Hydraulic Tank Hydraulic System – Including Tank Rear Axle – Housing (Differential) Front Steering Axle – Differential Powershift Transmission Diesel Exhaust Fluid Tank	Drop Nose 5 12 010 mm 13 030 mm 4520 mm 11 870 mm 3010 mm 9260 mm apacities 350 L 155 L 345 L 14 L 10.5 L 345 L	.0 m (16'5") 39.4 ft 42.8 ft 14.8 ft 38.9 ft 9.9 ft 30.4 ft 92.5 gal 3.4 gal 40.9 gal 91.1 gal 3.7 gal 2.8 gal 0.7 gal 7.9 gal			
Stick Stick Maximum Reach Maximum Height Minimum Dump Height Maximum Reach at Ground Line Maximum Depth Boom Pin Height Carter Refill Ca Fuel Tank Capacity Engine Oil Hydraulic Tank Hydraulic System – Including Tank Rear Axle – Housing (Differential) Front Steering Axle – Differential Powershift Transmission Diesel Exhaust Fluid Tank Cooling System	Drop Nose 5 12 010 mm 13 030 mm 4520 mm 11 870 mm 3010 mm 9260 mm apacities 350 L 135 L 14 L 10.5 L 2.5 L 30 L 36 L	.0 m (16'5") 39.4 ft 42.8 ft 14.8 ft 38.9 ft 9.9 ft 30.4 ft 92.5 gal 3.4 gal 40.9 gal 91.1 gal 3.7 gal 2.8 gal 0.7 gal 7.9 gal 9.5 gal			
Stick Stick Maximum Reach Maximum Height Minimum Dump Height Maximum Reach at Ground Line Maximum Depth Boom Pin Height Cervice Refill Ce Fuel Tank Capacity Engine Oil Hydraulic Tank Hydraulic System – Including Tank Rear Axle – Housing (Differential) Front Steering Axle – Differential Powershift Transmission Diesel Exhaust Fluid Tank Cooling System Final Drive – Each	Drop Nose 5 12 010 mm 13 030 mm 4520 mm 11 870 mm 3010 mm 9260 mm apacities 350 L 13 L 155 L 345 L 14 L 10.5 L 2.5 L 30 L 36 L 2.5 L	.0 m (16'5") 39.4 ft 42.8 ft 14.8 ft 38.9 ft 9.9 ft 30.4 ft 92.5 gal 3.4 gal 40.9 gal 91.1 gal 3.7 gal 2.8 gal 0.7 gal 7.9 gal 9.5 gal 0.7 gal			
Stick Stick Maximum Reach Maximum Height Minimum Dump Height Maximum Reach at Ground Line Maximum Depth Boom Pin Height CService Refill C Fuel Tank Capacity Engine Oil Hydraulic Tank Hydraulic System – Including Tank Rear Axle – Housing (Differential) Front Steering Axle – Differential Powershift Transmission Diesel Exhaust Fluid Tank Cooling System Final Drive – Each Hydraulic System Capacity	Drop Nose 5 12 010 mm 13 030 mm 4520 mm 11 870 mm 3010 mm 9260 mm apacities 350 L 13 55 L 345 L 155 L 345 L 10.5 L 30 L 2.5 L 36 L 2.5 L 253 L	.0 m (16'5") 39.4 ft 42.8 ft 14.8 ft 38.9 ft 9.9 ft 30.4 ft 92.5 gal 3.4 gal 40.9 gal 91.1 gal 3.7 gal 2.8 gal 0.7 gal 9.5 gal 0.7 gal 9.5 gal 0.7 gal 9.5 gal			
Stick Maximum Reach Maximum Height Minimum Dump Height Maximum Depth Boom Pin Height Service Refill C Fuel Tank Capacity Engine Oil Hydraulic Tank Hydraulic System – Including Tank Rear Axle – Housing (Differential) Front Steering Axle – Differential Powershift Transmission Diesel Exhaust Fluid Tank Cooling System	Drop Nose 5 12 010 mm 13 030 mm 4520 mm 11 870 mm 3010 mm 9260 mm apacities 350 L 13 L 155 L 345 L 14 L 10.5 L 2.5 L 30 L 36 L 2.5 L	.0 m (16'5") 39.4 ft 42.8 ft 14.8 ft 38.9 ft 9.9 ft 30.4 ft 92.5 gal 3.4 gal 40.9 gal 91.1 gal 3.7 gal 2.8 gal 0.7 gal 7.9 gal 9.5 gal 0.7 gal			

NOTE: Standard and optional equipment may vary. Consult your Cat dealer for details.

Optional

	Standard	Optional		Standard
BOOMS AND STICKS		-	CAT TECHNOLOGY	
7.45 m (24'5") MH boom		\checkmark	Cat VisionLink	\checkmark
6.4 m (21') MH boom		✓	Remote Flash	\checkmark
5.26 m (17'3") Variable Angle boom		\checkmark	Remote Troubleshoot	\checkmark
5.65 m (18'6") One-piece boom		√	Cat Payload	\checkmark
5.0 m (16'5") Drop Nose MH stick		\checkmark	HYDRAULIC SYSTEM	
4.3 m (14'1") Straight MH stick		\checkmark	Electric main control valve	✓
2.9 m (9'6") Straight stick		\checkmark	Automatic hydraulic oil warm up	\checkmark
2.5 m (8'2") Straight stick		\checkmark	Automatic swing brake	\checkmark
No Stick Configuration		√	Separate dedicated swing pump	\checkmark
Bucket linkage, B-type with lifting eye		√	Boom and stick lowering check valves	\checkmark
САВ			Medium pressure auxiliary circuit	√
Keyless push-to-start engine control	\checkmark		Element type main hydraulic filter	\checkmark
Deluxe cab: heated and cooled seat	√		SmartBoom™	√
with automatic adjustable suspension,			Smart Stick	√
10" touchscreen monitor			Heavy lift mode	✓
Premium cab: air suspension heated seat, 10" touchscreen monitor	\checkmark		UNDERCARRIAGE AND STRUCTURES	
	√		All wheel drive	✓
LED dome lights	v		Automatic brake/axle lock	✓
Fixed one-piece laminated windshield and roof window (P5A glass)		v	Creeper speed	\checkmark
Fixed one-piece laminated windshield and roof		✓	Heavy-duty axles, advanced disc brake	\checkmark
window (P8B glass)			system, and travel motor with adjustable braking force	
Auxiliary relay			Lockable, oscillating front axle with remote	
Operator Protective Guards (OPG)		✓	greasing point	•
Advanced sound-suppressed Tip Over	\checkmark		2750 mm (9'0") wide undercarriage	
Protective Structure (TOPS) cab (ISO 12117-2 compliant)			2990 mm (9'10") wide undercarriage	
SAFETY AND SECURITY			4200 kg (9,250 lb) counterweight	
Cab Avoidance	√		4700 kb (10,350 lb) counterweight	
Rear- and right-side-view cameras	 ✓		Push Blade	
Secondary engine shutoff switch	· ✓		10.00-20 dual solid rubber tires	
Lockable disconnect switch	 ✓		11.00-20 16 PR dual tires	
360° visibility	•		ENGINE	
Inspection lighting			C4.4 engine	√
Travel alarm			One-touch low idle with automatic engine	✓
SERVICE AND MAINTENANCE		v	speed control	
	√		Automatic engine shutdown	✓
Automatic lubrication system for implement and swing system	v		52° C (125° F) high-ambient capability	√
S·O·S ports			Cold start capability -18° C (-0° F)	\checkmark
Integrated vehicle health management system	√		Electric fuel priming pump	✓
ELECTRICAL SYSTEM			Double element air filter with integrated	√
Roading and indicator lights at front and rear	✓		pre-cleaner	
Maintenance-free batteries	 ✓		On-demand electric cooling fans with	\checkmark
LED chassis light, left-hand/right-hand boom	 ✓		auto-reverse function	
and stick lights, cab lights	-			
Centralized electrical disconnect switch	\checkmark			
Programmable time delay LED working lights	\checkmark			
Electrical refueling pump		√		

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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