930G

Wheel Loader

Engine		
Model	Cat® 3056E DIT ATAAC	
Rated Net Power*	111 kW	149 hp
Maximum Net Power*	119 kW	159 hp
Buckets		
Bucket Capacities	2.1 m^3 – 5.0 m^3	2.6 yd^3 – 6.5 yd^3
Weights		
Operating Weight	13 029 kg	28,725 lb
Maximum Weight	13 174 kg	29,044 lb

* SAE J1349

930G Wheel Loader

Offering world class performance, value and reliability.

VersaLink™ Loader Linkage

Loader linkage provides unsurpassed visibility, versatility and stability. The single piece boom-style lift arm design offers exceptional strength, rigidity and visibility. A high lift version is available for high-dump or long reach requirements. **pg. 4**

Performance

Outstanding Cat Wheel Loader power and durability successfully combine to deliver exceptional versatility and economy. Superior engineering and machine design allow greater productivity. **pg. 5**

Operator Station

The operator station is ergonomically designed to create a comfortable work area. Easy-to-use machine controls and white-faced gauges reduce operator fatigue and increase efficiency and productivity. **pg. 6**

Serviceability

Perform daily maintenance with easy ground-level access to all major service points. Gull-wing doors provide excellent engine access and a swing-out fan simplifies radiator service. **pg. 12**

Owning & Operating Costs

Extended service intervals, an advanced electronic warning system, lower fuel consumption and faster cycle times save you time and money. **pg. 13**

The 930G is one of the most versatile wheel loaders in the world. Size, power, performance and work tool interchangeability make this machine ideal for a wide range of jobs.

Hydraulic System

Modular hydraulic system provides fast loading cycles, easy reconfiguration and exceptional ride control. **pg. 8**

Work Tools

A wide range of Caterpillar® Work Tools are available to meet the needs of your jobsite applications. The machine's quick coupler system allows the operator to quickly change from one high performance work tool to another without leaving the cab. **pg. 9**

Caterpillar Power Train

The 930G uses a Caterpillar power train for reliable, long life. The Caterpillar 3056E DIT ATAAC six-cylinder engine with Cat power shift transmission is performance-matched to the torque converter and axles for smoother performance and greater operator comfort. **pg. 10**

Environmentally Responsible Design

Quiet operation, low engine emissions, less fluid disposal and clean, easy servicing help you meet worldwide regulations and protect the environment. **pg. 14**

Complete Customer Support

Caterpillar dealers offer unmatched customer support, with excellent warranty programs and fast parts availability, resulting in maximum uptime and minimum repair costs. **pg. 15**

VersaLink™ Loader Linkage

Linkage design offers unparalleled versatility without compromise to performance.

Linkage Design. Versatility is the key benefit of the VersaLink loader linkage. The 930G can be configured in many ways:

- with a Quick Coupler, work tool changes are quick and easy. In this configuration, the versatility of an integrated toolcarrier and the performance of a wheel loader are combined;
- equipped with pin-on tools, like a bucket, you get a dedicated wheel loader, with exceptional breakout force, tipping load and dump height;
- equipped with the High Lift VersaLink loader linkage option, the 930G is ideal for special applications that require more reach and lift height.

Reconfiguration. The VersaLink loader linkage can be reconfigured from pin-on to Quick Coupler or from standard linkage to high lift linkage with a minimum of new parts required.

Outstanding Performance. The VersaLink loader linkage is designed for exceptional loader performance in a wide range of applications, offering:

- increased breakout force to shorten cycle times and increase bucket fill factors;
- higher dump clearance for working in “high target” situations that ordinary loaders cannot;
- more dig depth for better excavation performance, even when equipped with larger 20.5 × 25 tires;
- greater rackback angle for improved material retention, resulting in higher productivity;
- greater dozing angle for improved control of material when fine grading.

Visibility. Visibility to critical areas such as bucket corners and fork tips is optimized for more productive material and pallet handling. The VersaLink loader linkage geometry maximizes visibility throughout the entire production cycle.

Parallel Lift. Parallel lift simplifies working with palletized or stacked material. Operators can concentrate on material placement while the load automatically remains parallel throughout the lift range. And, like an integrated toolcarrier, the 930G can easily manipulate loads.

Exceptional Strength and Durability. The one-piece fabricated box-section design of the VersaLink loader linkage delivers unprecedented torsional loading strength. The result is high rigidity and fewer stress paths for exceptional durability.

High Lift Version. Special applications call for special equipment. The optional High Lift VersaLink loader linkage provides an additional clearance of 19 in (483 mm) and is ideal for jobs that require higher lift of lighter materials such as:

- feedlots
- dairies
- waste transfer stations
- fertilizer producers
- miscellaneous material handling

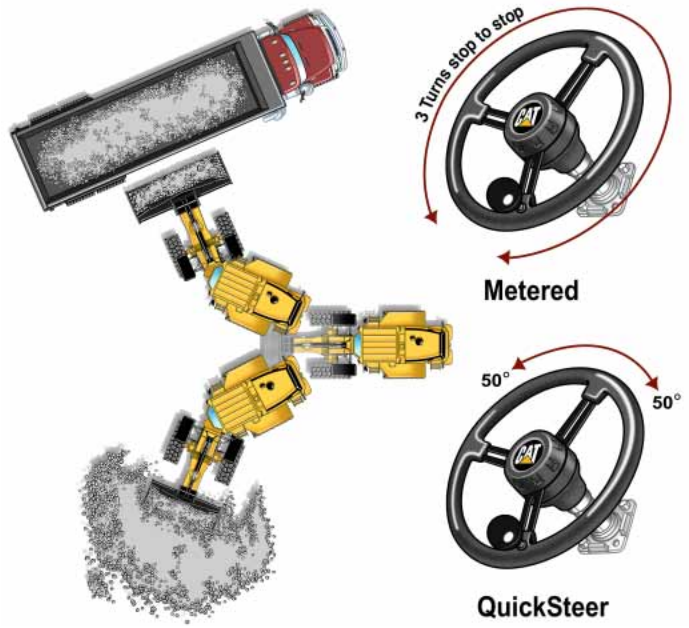
Performance

Power, durability and design contribute to outstanding performance.

Productivity. Balanced structural design and exceptional rimpull tuned to powerful implement hydraulics allow fast cycle times and higher productivity.

Versatility. The hydraulic quick coupler and wide range of Cat Work Tools enable one machine to accomplish the tasks of many. Auxiliary hydraulics allow unparalleled versatility and interchangeability. Adjustable flow third function hydraulics provide proportional control and allow you to efficiently match power to the application. Broom performance demands are optimized to machine ground speed for minimal debris. Packaged third and fourth, as well as fifth and sixth function hydraulics expand work tool and machine capability.

Application Specific. Industrial and Waste Handling guarding packages and multiple tire options increase machine durability and are available to meet your specific job needs.



QuickSteer

Optional Dual Mode Steering. The operator can choose traditional steering or select QuickSteer mode with a switch in the cab for faster, extremely low effort truck loading. This mode provides higher productivity and efficiency with less operator fatigue.

Operator Station

Ergonomic design emphasizes comfort, visibility and easy operation.

Cab. The ergonomic cab provides a comfortable work environment with large windows, spacious interior room, generous storage areas and low interior sound levels.

Access/Egress. The two-door design makes access and egress easy. Both doors open fully and lock flush against the cab for efficiency and safety. Steps leading up to the cab are wide, serrated and angled out for secure footing.

Windows. Large windows improve visibility in all directions. The rear window features a standard electric defroster. Sliding glass is available as an option on the doors.

Access/Egress

Visibility. Visibility to critical areas such as the bucket have been optimized. The VersaLink loader linkage geometry maximizes visibility throughout the production cycle.

Optional Rear View Camera System. Work area visual enhancement system utilizes a closed circuit video monitoring system. One, two or three cameras can be mounted on the machine frame. Objects can be viewed in a 7 inch color LCD monitor located in place of the right cab rear view mirror. Rear view system is compatible with heavy duty radiator guarding and waste handling packages.

Instrument Panel. The 930G instrument panel is conveniently located with easy-to-read gauges and expanded warning/indicator and diagnostic functions.

Electronic Engine Speed Control. A specific engine rpm can be set and maintained with a switch in the cab.

Steering System. The load-sensing, closed-center steering system with flow amplification matches steering response to a wide variety of applications. The adjustable steering console lifts easily out of the way. Dual suspended brake pedals function as a brake and a transmission neutralizer so the operator can maintain high engine rpm for full hydraulic flow and fast cycle times.

Low Effort Operation. Hydraulic joystick controls provide ease of lift and tilt functions. A single joystick is standard. An integrated directional control switch on the joystick provides easy operation and enhanced productivity. A two lever control is optional.

Storage. Generous storage space includes a lockable compartment, coat hook and special molded compartments designed to hold a lunchbox/cooler, cup or can. A tool box is also provided.

Standard Operator Programmable Transmission Neutralizer. Operator can select any brake pressure setting depending on the application to neutralize the transmission or select off for no neutralization. In less than 15 seconds, this system enables any operator to set up the machine exactly the way that best fits the application, greater pressure for applications up ramps and hills, lighter pressure for flat work areas like truck loading or material handling for underground utility sites.

Seat. The standard seat is available in cloth or vinyl with fully adjustable fore/aft position, seatback angle, bottom cushion height, armrest angle and suspension stiffness. Other seat options include:

- Cat Contour Seat, fabric, with adjustable backrest and lumbar support.
- Cat Contour Seat, fabric, electrically adjustable with air suspension.

Customize the Cab. The cab can be customized with various options such as:

- 12V converter for powering electronics such as cellular phones, two-way radios and music systems
- Optional rear view camera
- Radio installation package
- Sun visor for windshield
- Roll-down sun screen for rear window
- External mirror package
- Auxiliary lighting packages

Hydraulic System

Modular system provides greater productivity, high efficiency, low effort precise control.

Precise Control. Designed by Caterpillar, the modular hydraulic system provides low effort operation and superior control.

Load-Sensing Hydraulics. The load-sensing, variable flow hydraulic system senses work demand and adjusts flow and pressure to match. This allows full hydraulic forces at any engine speed for delicate jobs in tight areas.

Auxiliary Hydraulics. The 930G auxiliary hydraulics provide unparalleled versatility. Select the configuration that best suits the application. Third function only or third and fourth package together enable the use of almost all work tools. Fifth and sixth function hydraulics are also available for responsive independent positioning of work tools with multiple hydraulic cylinders, such as snow plows with hydraulically movable snow wings.

Optional Ride Control System. The optional Ride Control System provides a comfortable ride at all speeds and improves hard bank digging. Three modes are available: auto, on and off. Auto mode is factory set to engage above 6 mph but can be adjusted to any speed. On mode should be used in load and carry applications for ride control at all speeds.

Optional Joystick with Integrated Third Function Controls. Low effort pilot hydraulics operated lift and tilt functions are combined with electrohydraulic transmission forward-neutral-reverse, transmission kick down and integrated third function auxiliary hydraulic controls. Enables operator to maintain control of loader linkage while manipulating hydromechanical tools such as top clamp buckets and forks, side dump buckets and hydraulic brooms. Two modes of operation include:

- Standard Work Tool Mode – Provides intermittent flow to the work tool. Rolling the roller switch upward pressurizes the left side of the auxiliary system, downward activation of the roller switch pressurizes the right side. This system is ideal for top clamps or side dump buckets.
- Continuous Flow Mode – Gradually increases auxiliary hydraulic flow to the work tool when the roller switch is held upward. A momentary downward activation of the roller switch stops the flow.

Adjust the flow rate with a control knob enabling broom speed to be matched to vehicle ground speed or maximum top clamp activation speed.

Variable Displacement Axial Pump. Variable displacement axial pump provides intuitive hydraulic flow. Closed-centered implement valves, with pressure compensation for reduced lever effort, signal hydraulic system requirements to a control valve located on the pump. This valve controls the pump to deliver the flow and pressure necessary to fulfill the implement demands.

Load-Sensing Steering. Load-sensing steering provides low effort operator control, making more power available for rimpull, breakout and lift forces.

Work Tools

Increase your productivity by performing a variety of jobs with one machine.

Versatility. With a variety of work tools offered by Caterpillar, the 930G is ideal for a wide range of applications.

Quick Coupler. Work tools can be changed quickly and easily with the machine's integral quick coupler system. A switch in the operator compartment activates a hydraulic cylinder for positive tool engagement or disengagement.

Buckets. With exceptional rimpull and high breakout and lift forces, the 930G demonstrates strong performance as a bucket loading machine. A wide range of Caterpillar buckets are available including:

- general purpose
- penetration
- light material
- multi purpose
- side dump
- high dump
- wood chip
- ejector
- top-clamp

Material Handling. Exceptional visibility and heavy-lift capabilities enable you to work quickly and efficiently as a material handler. A wide range of tools are available such as:

- pallet forks
- offset forks
- log and lumber forks
- material handling arm
- tire loaders

Auxiliary Hydraulics. Optional third and fourth function hydraulics are available for use with work tools that require hydraulic power, such as rotary brooms, high dump and side dump buckets. Optional 5th and 6th function hydraulics are also available for snow plow and snow wing jobs.

Special Applications. Some of the numerous specialty tools available include:

- dozer blades
- snow plows
- hydraulic brooms
- asphalt cutter
- loader rakes

Caterpillar Power Train

Rugged, dependable Cat components deliver maximum rimpull to the ground and full power to the loader hydraulics.

Caterpillar Engine. The six-cylinder 3056E Direct Injection Turbocharged (DIT) engine with Air-to-Air After Cooler (ATAAC) meets worldwide emissions standards and has a proven reputation for reliability, durability and performance. Fuel injection is electronically controlled for precise timing.

Air-to-Air After Cooling. Air-to-air after cooling reduces engine emissions.

Torque Rise. The engine features a 37% torque rise for increased power during heavy-duty use.

Cylinders. Low cylinder pressure rise and low peak pressure provide outstanding reliability and durability.

Cooling System. Engine and cooling system are in separate compartments for clean, quiet operation and easy service.

Electronic Control Module. The Caterpillar engine control module not only controls the timing needs of the engine but also monitors critical systems to maintain optimum performance and provide engine protection.

Service Intervals. The recommended engine oil change requirement is every 500 hours of operation.

Axles. Heavy-duty design features strong gears and bearings for durable performance. Oscillating rear axle helps assure four-wheel ground contact for optimum traction and stability.

Brakes. Oil-disc brakes are adjustment-free and fully enclosed.

Optional Heavy-Duty Brakes. Optional heavy-duty brakes provide additional brake discs and axle oil cooler for severe applications.

Duo-Cone® Seals. Duo-Cone Seals keep oil in and contaminants out.

Limited Slip Differentials. Optional front and rear Limited Slip Differentials provide improved traction in poor or uneven underfoot conditions.

Transmission. Rugged, field-proven Caterpillar 4F/3R transmission uses heavy-duty components for durable and reliable operation. High-energy friction materials allow for better heat tolerance while thick reaction plates allow for better heat dissipation. The transmission is also designed for easy service and rebuild.

Electronic Clutch Pressure Control. The Electronic Clutch Pressure Control (ECPC) manages shift torque providing exceptional smoothness.

Gears. High-contact ratio spur gears are precision ground and heat treated for quiet, durable operation.

Shifting Options. Operator can choose manual shift or two autoshift modes (full throttle or variable shift control). Full throttle selection provides maximum acceleration while variable selection increases fuel economy and improves operator comfort.

Serviceability

Easy access and minimal maintenance requirements provide exceptional ease of service.

Easy Access. Gull-wing engine enclosure doors with gas struts lift for exceptional access to filters and service points. Radiator and oil coolers are easily accessible for cleaning.

Simplified Routine Service. All service points are accessible from the ground level. Easily check radiator coolant, hydraulic oil and transmission oil levels with sight gauges.

Swing-out Cooling Fan. A swing-out cooling fan allows quick, easy cleaning and service of the radiator. The fan is hydraulically driven and separate from the engine compartment for exceptional low noise operation.

Optional Reversing Fan. Optional reversing capability of the fan cleans screens without interrupting machine operation.

Pressure Taps. Standard pressure taps allow quick diagnosis of the entire hydraulic system.

S•O•S℠ Ports. Scheduled Oil Sampling ports are factory installed for improved access to engine, transmission and hydraulic oils. S•O•S ports make oil sampling quicker, cleaner and provide the best oil sample for analysis.

Oil Filters. Spin-on filters for engine oil, transmission oil and hydraulic oil are vertically mounted for easier servicing.

Clamps and Bushings. Metal clamps with rubber bushings are used at hose attachment points to eliminate metal-to-metal contact and increase wear life.

Self-Diagnostics. Self-diagnostic transmission and data link allows quick and easy troubleshooting by service personnel. Service codes are easily accessed through the gauge console.

Ground Level Access. The control valves feature convenient ground level access for easy modifications to the system.

Extended Life Coolant/Antifreeze. Cat Extended Life Coolant/Antifreeze allows extended operation (up to 6,000 hours) between changes.

Other Service Features. Other service features include:

- Maintenance-free driveshaft
- Stationary radiator and coolant hoses
- Standard hydraulic oil cooler
- Adjustment-free brakes
- Adjustment-free engine fuel system
- Grouped grease fittings
- Positive torque hose clamps
- Braided, color coded and numbered wiring consistent throughout Caterpillar machines

Owning & Operating Costs

Cost saving features help improve your bottom line.

Low Fuel Consumption. The 3056E DIT ATAAC engine features low fuel consumption for more economical operation and meets all worldwide emissions standards. Load sensing hydraulics matches power and speed to your specific job application for high efficiency.

Heavy-Duty Power, Fast Cycle Times. High horsepower provides rugged, dependable power and faster cycle times, allowing the operator to get more work done in a day.

Extended Service Intervals. Service intervals have been extended to reduce machine service time and increase machine availability:

- 4,000 hour hydraulic oil change (S•O•S sampling required)
- 1,000 hour hydraulic filter change
- 500 hour engine oil change

Smoother Transmission for Increased Productivity. A smoother shifting transmission provides a more comfortable work environment, allowing the operator to be more productive throughout the entire work shift.

Demand Fan. Demand fan changes speed to meet cooling requirements and save fuel.

Engine Derate Feature. Auto Derate monitors vital engine systems and will reduce the engine horsepower up to 50% to protect the engine.

Optional Axle Cooler. Protection for severe applications.

Equipment Management Option. Caterpillar's asset management or equipment management system called Product Link-World View, enables dealers and their customers to track equipment for hours and location, and in some cases monitor machine health. This easy-to-use system provides information flow between a machine and the user through the internet based Dealer Storefront. This information helps lower operating costs through timely service/repairs and optimized machine use.

Machine Security System Option. The Machine Security System (MSS) inhibits unauthorized machine use by immobilizing vital electrical circuits. Critical machine circuits are inhibited unless a valid key is used to start the machine.

Environmentally Responsible Design

Caterpillar machines help you build a better world and help preserve the fragile environment.

Low Fuel Consumption. As the top performer in its size class, the 930G gets more work done in less time and provides low fuel consumption with minimal impact on the environment.

Low Exhaust Emissions. The Cat 3056E DIT ATAAC is a low emission engine designed to meet current worldwide emission regulations and is Tier 2 compliant.

Quiet Operation. The engine cooling system allows the engine to be fully enclosed, allowing less engine noise to escape. With the optional sound suppression package, the 930G is even quieter.

Ozone Protection. To help protect the earth's ozone layer, the air conditioning unit uses only R-134a refrigerant which does not contain harmful chlorofluorocarbons (CFC's).

Fewer Leaks and Spills. Engine oil, transmission and hydraulic filters are positioned vertically and are easily removed without spillage. The Cat 3056E is fitted with a Closed Circuit Breather to eliminate valve cover drips. Cat O-ring face seals, XT hose and hydraulic cylinders are all designed to help prevent fluid leaks that can weaken the machine's performance and cause harm to the environment.

Rebuildable Components. All major components are designed for rebuildability.

Biodegradable Hydraulic Oil. Caterpillar biodegradable hydraulic oil can be used, providing an environmentally-sound alternative to mineral-based oils.

Complete Customer Support

Caterpillar dealer services ensure a longer machine operating life with lower costs.

Selection. Make detailed comparisons of machines before purchasing. 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. You can also build the machine that is right for you. Go online anytime to review the full range of features and options available using the Build & Quote application on your Cat dealer's website or www.cat.com.

Purchase. Look at the total package. Consider the financing options available through your Cat dealer as well as day-to-day operating costs. Dealer support services can be included in the cost of the machine to yield lower equipment owning and operating costs over the life of the machine.

Operation. For the best operating techniques to increase productivity and your profit, turn to your Cat dealer for the latest training literature and knowledgeable staff.

Maintenance. Choose from a wide range of maintenance services at the time of machine purchase. Repair option programs guarantee the cost of repairs up front. Diagnostic programs such as S•O•S Oil Analysis and Technical Analysis help avoid unscheduled repairs that can cost unnecessary time and money.

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

Product Support. You will find nearly all 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.

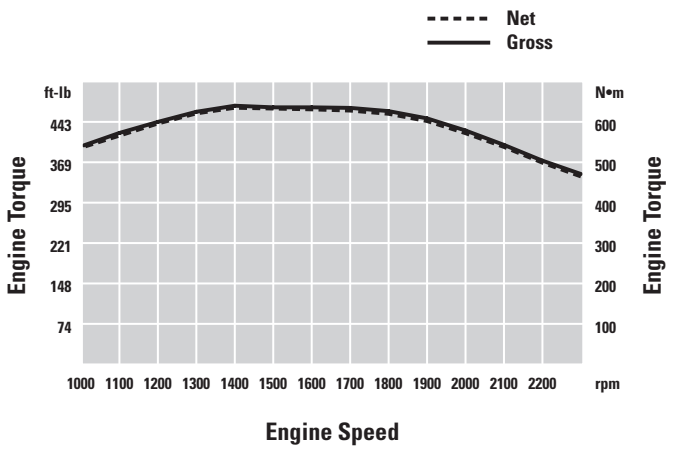
www.cat.com. For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at www.cat.com. Specializing in fast, accurate and up-to-date information, the Cat web site delivers the information you need to operate your business, 24-hours a day.

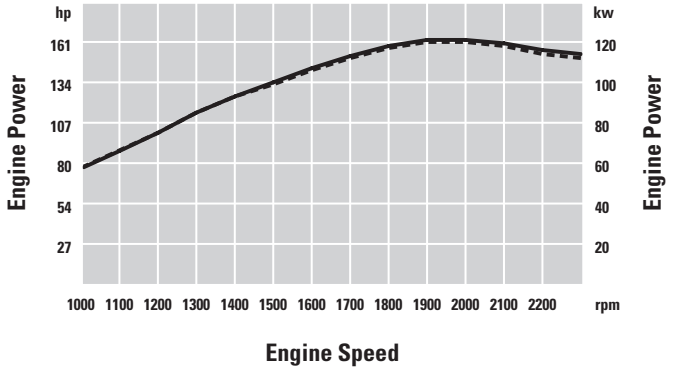
Engine

Model	Cat 3056E DIT ATAAC	
Rated Net Power @ 2,300 rpm		
SAE J1349	111 kW	149 hp
ISO 9249 (1997)	112 kW	150 hp
EEC 80/1269	112 kW	150 hp
Max. Net Power @ 1,900 rpm		
SAE J1349	119 kW	159 hp
ISO 9249 (1997)	120 kW	161 hp
EEC 80/1269	120 kW	161 hp
Bore	100 mm	3.94 in
Stroke	127 mm	5 in
Displacement	6 L	366 in^3

- Net Power ratings are tested at the reference conditions for the specified standard.
- Net power shown is the power available at the flywheel when the engine is equipped with alternator, air cleaner, muffler and fan at minimum speed.
- No derating required up to 3000 m (9,843 ft) altitude. Auto derate protects hydraulic and transmission systems.
- When the fan is at maximum speed, Rated Net Power is 102 kW (137 hp) and Maximum Net Power is 114 kW (153 hp) at the flywheel per the SAE reference conditions.
- The Caterpillar 3056E DIT ATAAC engine meets Tier 2 off-highway emission regulations.
- Features:
  - Electronically controlled rotary fuel pump
  - Three-ring, controlled-expansion, lubricated pistons
  - Gear-driven water and oil pumps
  - One-piece cast iron cylinder heads with two valves per cylinder
  - Fuel priming pump and fuel/water separator
  - S•O•S sampling port for engine oil
  - Replaceable dry liners
  - Cast aluminum valve cover
  - Radiator can be easily accessed for cleaning

Engine Torque





Weights

Operating Weight	13 029 kg	28,725 lb
Maximum Weight	13 174 kg	29,044 lb

- Specifications shown are for 930G with optional counterweight, standard lubricants, full fuel tank, cab with air conditioning, sliding glass, Cat Contour Seat, Limited Slip axles with dual disc rear, 4L-4V hydraulics, heavy duty cooler, supplemental steering, ride control, radio, roading fenders, reversing fan, back-up alarm, guards, 2.1 m^3 (2.7 yd^3) bucket with bolt-on cutting edge, 80 kg (176 lb) operator and 600/65 R25 radial (L3) tires.

Buckets

Bucket Capacities	2.1 m^3 – 5.0 m^3 2.6 yd^3 – 6.5 yd^3

Steering

Steering Articulation	40°	
Minimum turning radius (over tire)	5257 mm	17.2 in
Steering angle, each direction	40°	
Steering cylinders, two, bore	70 mm	2.75 in
Hydraulic output at 2,300 engine rpm and 6900 kPa (1,000 psi)	70 L/min	17.6 gal/min
Maximum working pressure	24 130 kPa	3,500 psi

- Optional dual-mode steering.
- Center-point frame articulation.
- Front and rear wheels track.
- Variable displacement piston pump provides steering power at all engine and ground speeds.
- Tilt steering console.
- High-impact rubber steering stops.
- Secondary steering system meets ISO 5010 and roading regulations in various countries.

Loader Hydraulic System

Output at 2,300 engine rpm and 6900 kPa (1,000 psi) with SAE 10W oil at 65° C (150° F)	220 L/min	58 gal/min
Hydraulic Cycle Time	9.5 Seconds	
Pump flow – Implement pump	220 L/min	58 gal/min
Maximum working pressure	25 900 kPa	3,755 psi
Hydraulic cycle time:		
Raise	5 Seconds	
Dump	1.7 Seconds	
Lower, empty, float down	2.8 Seconds	
Total	9.5 Seconds	
Lift cylinders, double acting:		
Bore	114.3 mm	4.5 in
Stroke	777 mm	30.6 in
Tilt cylinder, double acting:		
Bore	152.4 mm	6 in
Stroke	939 mm	37 in

- Load-sensing system provides only the flow and pressure needed to move the load.
- Variable-displacement axial piston pump provides implement and steering flow.
- Low effort, hydraulic joystick controls.
- Electronic pilot shut-off switch disables implement functions for added safety.
- Hydraulic couplings with O-ring face seals.
- Optional heavy-duty oil cooler.
- Adjustable-flow third function hydraulics available.
- Optional third and fourth, fifth and sixth function hydraulics.

Service Refill Capacities

Fuel tank	225 L	59.4 gal
Cooling system	40 L	10.6 gal
Crankcase	16 L	4.2 gal
Transmission	34.5 L	9.1 gal
Differentials and final drives:		
Front	26 L	6.9 gal
Rear	25 L	6.6 gal
Hydraulic system (including tank)	125 L	33 gal
Hydraulic tank	70 L	18.5 gal

Transmission

Standard transmission maximum travel speeds:		
Forward 1	7.3 kph	4.5 mph
2	12.3 kph	7.6 mph
3	24.1 kph	15 mph
4	38.3 kph	23.8 mph
Reverse 1	7.3 kph	4.5 mph
2	12.3 kph	7.6 mph
3	24.1 kph	15 mph

- Electronically-controlled Caterpillar countershaft transmission with full on-the-go directional and speed change capability.
- High-energy friction materials and thick reaction plates for better tolerance of heat.
- High-contact ratio spur gears are precision ground and heat treated for quiet, reliable operation.
- Electronic autoshift is standard.
- Button on implement control lever allows downshifting on demand.
- Computer controlled modulation provides smoother transitions.

Axles

Axle Oscillation	11°

Features:

- Fixed front, oscillating rear (±11° with 600/65 R25 L-3 tires).
- Caterpillar axle with fully-enclosed brakes and final drives.
- Patented Duo-Cone Seals between axle shaft and housing with built-in protection from debris.
- Rear wheel can raise or drop a total of:
  - 423 mm (16.6 in) with 17.5 tires, or
  - 326 mm (12.8 in) with 20.5 tires
- Limited Slip Differentials are optional on front, rear or both axles.
- Rear axle trunnion has remote lubrication fitting.
- Planetary final drives are lubricated from the main oil sump.
- High contact gear set reduces noise levels during meshing.

Tires

- Choice of:
- 17.5 – 25, 12PR (L-2)
- 17.5 – 25, 12PR (L-3)
- 17.5 R25, radial (L-2)
- 17.5 R25, radial (L-3)
- 20.5 – 25, 12PR (L-2)
- 20.5 – 25, 12PR (L-3)
- 20.5 R25, radial (L-2/L-3)
- 600/65 R25, radial (L-3)
- Other tire choices are available, contact your Cat Dealer for details.
- In certain applications, the loader's productive capabilities may exceed the tire's tonnes-km/h (ton-mph) capabilities. Caterpillar recommends that you consult a tire supplier to evaluate all conditions before selecting a tire model.

Brakes

Features:

- Service brake:
  - Inboard oil-immersed disc brakes on front and rear axles are standard.
  - Completely enclosed and sealed.
  - Adjustment-free.
  - Separate circuits for front and rear.
  - Dual pedal braking system.
  - Fully integrated with hydraulic system, no air system required.
- Secondary brake:
  - Indicator light alerts operator if brake pressure drops.
  - Continually-charged nitrogen accumulators provide stopping power in case of engine power loss.
- Parking brake:
  - Mechanical, shoe-type brake.
  - Mounted on drive line for positive manual operation.
  - Application of parking brake neutralizes the transmission.
- Optional heavy-duty brakes with integrated oil cooler.

Cab

ROPS	SAE J1040 MAY94, ISO 3471-1994
FOPS	SAE J/ISO 3449 APR98 Level II, ISO 3449 1992 Level II

- Caterpillar cab and Rollover Protective Structure (ROPS) are standard in North America and Europe.
- When properly installed and maintained, the cab offered by Caterpillar, when tested with doors and windows closed as per work cycle procedures specified in ANSI/SAE J1166 May 90, results in operator sound exposure Leq (equivalent sound pressure level) of 74 dB(A).
- As manufactured by Caterpillar, this machine's exterior sound power level meets the criteria spelled out in the European Directives noted on the certificate of conformance and the accompanying labeling.

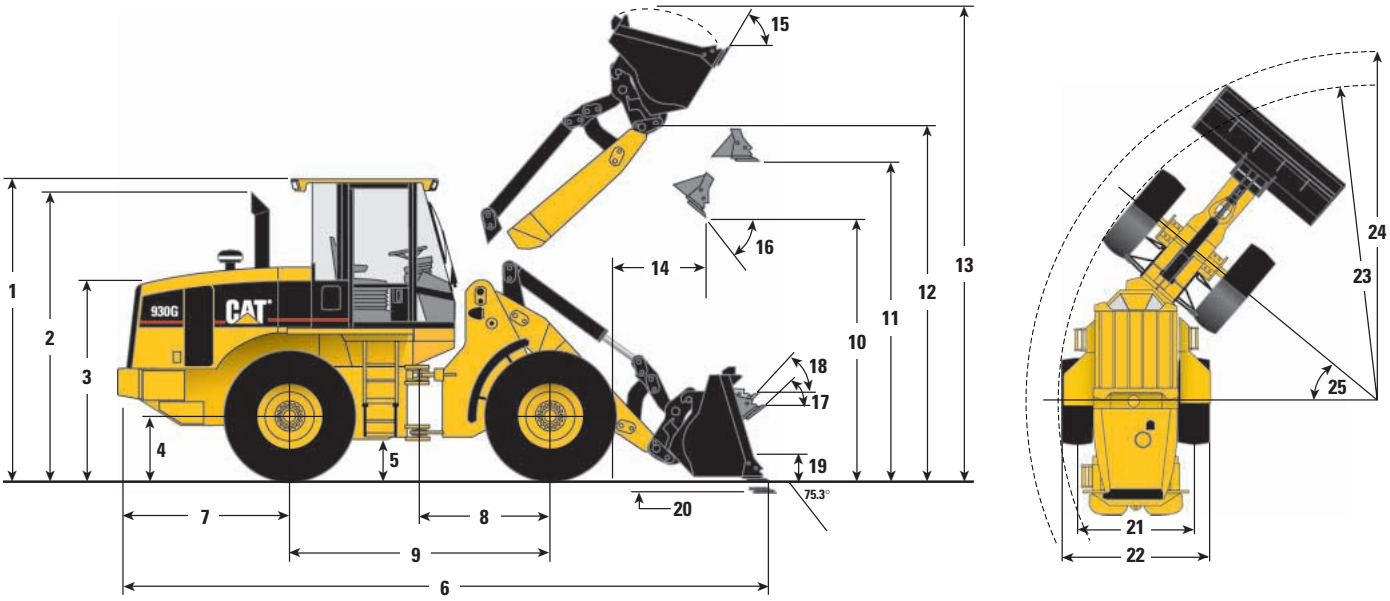
Implement Controls

Features:

- Lift circuit:
  - Four positions: raise, hold, lower and float.
  - Adjustable automatic kickout from horizontal to full tilt.
- Tilt circuit:
  - Three positions: tilt back, hold and dump.
  - Two-speed dump for quick dumping with bucket and precise load control with forks or other work tools.
  - Adjustable automatic bucket positioner to desired loading angle.
  - Does not require visual spotting.
- Controls:
  - Choice of two low effort control systems: a joystick or a two-lever control of lift and tilt circuits.
  - Optional third and fourth, fifth and sixth function hydraulic circuits available with a selection of lever controls for remote hydraulic functions.
  - Controls can be disabled for roading.
- Adjustable third function hydraulics option.

Dimensions with Bucket

All dimensions are approximate. Dimensions may vary with bucket. Refer to Operating Specifications.



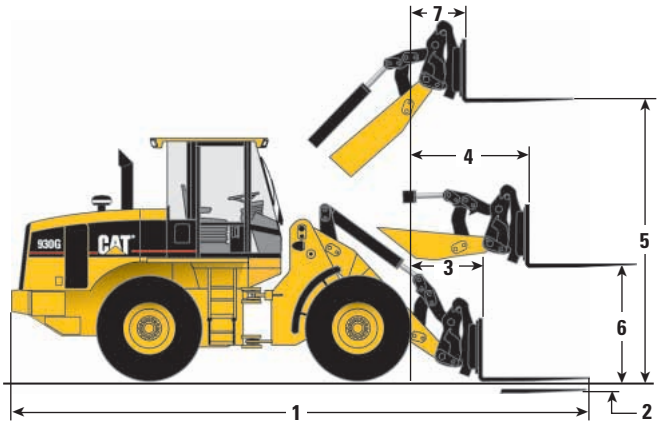
		Standard VersaLink		High Lift VersaLink	
1	Height to top of ROPS/FOPS	3288 mm	(10 ft 9 in)	3288 mm	(10 ft 9 in)
2	Height to top of exhaust stack	3215 mm	(10 ft 6 in)	3215 mm	(10 ft 6 in)
3	Height to top of hood	2244 mm	(7 ft 4 in)	2244 mm	(7 ft 4 in)
4	Height to center of axle	695 mm	(2 ft 3 in)	695 mm	(2 ft 3 in)
5	Ground clearance	421 mm	(1 ft 4 in)	421 mm	(1 ft 4 in)
6	Overall length	7390 mm	(24 ft 3 in)	7877 mm	(25 ft 10 in)
7	Length – rear axle to bumper	1816 mm	(5 ft 11 in)	1816 mm	(5 ft 11 in)
8	Center line of front axle to hitch	1450 mm	(4 ft 9 in)	1450 mm	(4 ft 9 in)
9	Wheel base length	2900 mm	(9 ft 6 in)	2900 mm	(9 ft 6 in)
10	Dump clearance at maximum lift and 45° dump	2936 mm	(9 ft 8 in)	3436 mm	(11 ft 3 in)
11	Bucket clearance at maximum lift and level	3726 mm	(12 ft 3 in)	4226 mm	(13 ft 10 in)
12	Bucket pin height at maximum lift	4069 mm	(13 ft 4 in)	4559 mm	(14 ft 11 in)
13	Overall height – bucket raised	5344 mm	(17 ft 6 in)	5835 mm	(19 ft 2 in)
14	Reach at maximum lift and 45° dump	1073 mm	(3 ft 6 in)	1073 mm	(3 ft 6 in)
15	Rack back angle at maximum lift	60°		62°	
16	Dump angle at maximum lift	45°		45°	
17	Rack back angle at ground	51°		52°	
18	Rack back angle at carry	53°		57°	
19	Carry height	428 mm	(1 ft 4 in)	577 mm	(1 ft 10 in)
20	Digging depth	142 mm	(5.6 in)	157 mm	(6.2 in)

Dimensions listed are for 930G with 2.1 m³ (2.7 yd³) bucket with bolt-on cutting edge, cab with A/C, optional counterweight, limited slip axles, heavy duty rear brakes, additional guarding, sound suppression, 80 kg (176 lb) operator and 600/65 R25 GP-3D tires.

		17.5-25 12PR L-2 Tires		20.5-25 12PR (L-2) Tires		600/65 R25 (L-2) Tires	
21	Width at tread center	1950 mm	(6 ft 5 in)	1950 mm	(6 ft 5 in)	1950 mm	(6 ft 5 in)
22	Overall width over tires	2407 mm	(7 ft 11 in)	2504 mm	(8 ft 3 in)	2544 mm	(8 ft 4 in)
23	Minimum turning radius over tires	5186 mm	(17 ft 0 in)	5236 mm	(17 ft 2 in)	5256 mm	(17 ft 3 in)
24	Minimum turning radius over bucket	5811 mm	(19 ft 1 in)	5811 mm	(19 ft 1 in)	5811 mm	(19 ft 1 in)
25	Steering angle – left/right	40°		40°		40°	
	Change in vertical dimension	–54 mm	(–2.1 in)	+11 mm	(+0.4 in)	no change	no change

Dimensions with Pallet Forks

All dimensions are approximate. Dimensions vary with fork length. Refer to Operating Specifications chart below.



	Standard VersaLink					
	Fork Tine Length					
	1200 mm	(4 ft 0 in)	1350 mm	(4 ft 3 in)	1524 mm	(5 ft 0 in)
1	7653 mm	(25 ft 1 in)	7814 mm	(25 ft 8 in)	7977 mm	(26 ft 3 in)
2	–32 mm	(–1.3 in)	–46 mm	(–1.8 in)	–32 mm	(–1.3 in)
3	987 mm	(3 ft 3 in)	998 mm	(3 ft 3 in)	987 mm	(3 ft 3 in)
4	1695 mm	(5 ft 7 in)	1705 mm	(5 ft 7 in)	1695 mm	(5 ft 7 in)
5	3899 mm	(12 ft 10 in)	3913 mm	(12 ft 10 in)	3899 mm	(12 ft 10 in)
6	1871 mm	(6 ft 2 in)	1885 mm	(6 ft 2 in)	1871 mm	(6 ft 2 in)
7	774 mm	(2 ft 6 in)	784 mm	(2 ft 7 in)	774 mm	(2 ft 6 in)
	High Lift VersaLink					
1	8161 mm	(26 ft 9 in)	8321 mm	(27 ft 4 in)	8485 mm	(27 ft 11 in)
2	–17 mm	(–0.7 in)	–31 mm	(–1.2 in)	–17 mm	(–0.7 in)
3	1495 mm	(4 ft 11 in)	1506 mm	(5 ft 0 in)	1495 mm	(5 ft 0 in)
4	2088 mm	(6 ft 10 in)	2098 mm	(6 ft 11 in)	2088 mm	(6 ft 10 in)
5	4399 mm	(14 ft 5 in)	4413 mm	(14 ft 6 in)	4399 mm	(14 ft 5 in)
6	1871 mm	(6 ft 2 in)	1885 mm	(6 ft 2 in)	1871 mm	(6 ft 2 in)
7	774 mm	(2 ft 6 in)	784 mm	(2 ft 7 in)	774 mm	(2 ft 6 in)

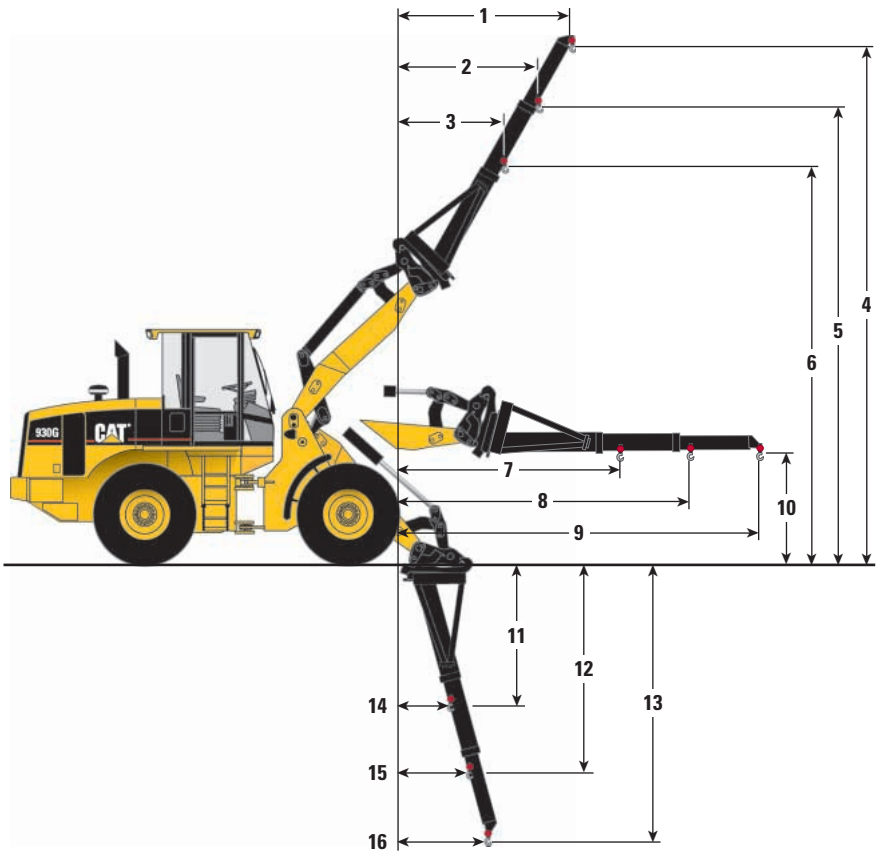
Operating Specifications with Pallet Forks

	Fork Tine Length					
Standard VersaLink	**1200 mm**	**(4 ft 0 in)**	**1350 mm**	**(4 ft 3 in)**	**1524 mm**	**(5 ft 0 in)**
Operating Load:						
Per SAE J1197 FEB91 (50% of FTSTL)	3208 kg	(7072 lb)	3042 kg	(6705 lb)	2946 kg	(6494 lb)
Per EN 474-3, rough terrain (60% of FTSTL)	3850 kg	(8487 lb)	3650 kg	(8046 lb)	3535 kg	(7792 lb)
Per EN 474-3, firm & level ground (80% of FTSTL)	5133 kg	(11,316 lb)	4866 kg	(10,729 lb)	4713 kg	(10,390 lb)
Load Center	600 mm	(23.6 in)	675 mm	(26.6 in)	762 mm	(30 in)
Static tipping load with level arms and forks, straight*	7334 kg	(16,169 lb)	6962 kg	(15,349 lb)	6746 kg	(14,872 lb)
Static tipping load with level arms and forks, full 40° turn*	6416 kg	(14,145 lb)	6083 kg	(13,411 lb)	5891 kg	(12,987 lb)
Operating Weight*	12 596 kg	(27,770 lb)	12 664 kg	(27,919 lb)	12 686 kg	(27,968 lb)
High Lift VersaLink						
Operating Load:						
Per SAE J1197 FEB91 (50% of FTSTL)	2761 kg	(6087 lb)	2627 kg	(5790 lb)	2550 kg	(5621 lb)
Per EN 474-3, rough terrain (60% of FTSTL)	3313 kg	(7304 lb)	3152 kg	(6949 lb)	3059 kg	(6745 lb)
Per EN 474-3, firm & level ground (80% of FTSTL)	4418 kg	(9739 lb)	4202 kg	(9265 lb)	4079 kg	(8993 lb)
Load Center	600 mm	(23.6 in)	675 mm	(26.6 in)	762 mm	(30 in)
Static tipping load with level arms and forks, straight*	6335 kg	(13,966 lb)	6035 kg	(13,305 lb)	5862 kg	(12,924 lb)
Static tipping load with level arms and forks, full 40° turn*	5522 kg	(12,174 lb)	5253 kg	(11,581 lb)	5099 kg	(11,241 lb)
Operating Weight*	12 741 kg	(28,089 lb)	12 809 kg	(28,239 lb)	12 831 kg	(28,288 lb)

* Static tipping and operating weights shown are for 930G with cab with A/C, optional counterweight, limited slip axles, heavy duty rear brakes, additional guarding, sound suppression, work tool, 80 kg (176 lb) operator and 600/65 R25 GP-3D tires. Tipping load is defined by SAE J732 JUN92.

Dimensions with Material Handling Arm

All dimensions are approximate.



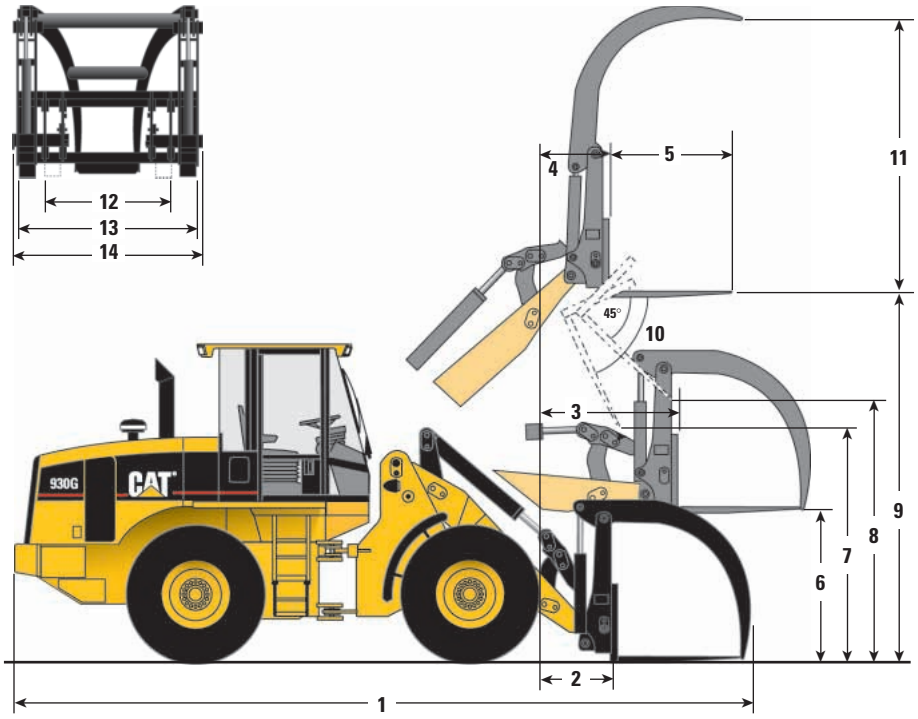
	Standard VersaLink	High Lift VersaLink
1	2217 mm (7 ft 0 in)	2107 mm (6 ft 11 in)
2	1778 mm (5 ft 10 in)	1696 mm (5 ft 7 in)
3	1341mm (4 ft 5 in)	1285 mm (4 ft 3 in)
4	7746 mm (25 ft 5 in)	8303 mm (27 ft 3 in)
5	6847 mm (22 ft 6 in)	7391 mm (24 ft 3 in)
6	5949 mm (19 ft 6 in)	6480 mm (21 ft 3 in)
7	3354 mm (11 ft 0 in)	3748 mm (12 ft 4 in)
8	4353 mm (14 ft 3 in)	4747 mm (15 ft 7 in)
9	5353 mm (17 ft 7 in)	5747 mm (18 ft 10 in)
10	1886 mm (6 ft 2 in)	1886 mm (6 ft 2 in)
11	1877 mm (6 ft 2 in)	1803 mm (6 ft 0 in)
12	2803 mm (9 ft 2 in)	2681 mm (8 ft 10 in)
13	3730 mm (12 ft 3 in)	3560 mm (11 ft 8 in)
14	1137 mm (3 ft 9 in)	1866 mm (6 ft 1 in)
15	1512 mm (5 ft 0 in)	2343 mm (8 ft 0 in)
16	1886 mm (6 ft 2 in)	2820 mm (9 ft 3 in)

Operating Specifications with Material Handling Arm

Standard VersaLink	**Retracted**		**Mid-Position**		**Extended**	
Operating load	2363 kg	(5210 lb)	1890 kg	(4166 lb)	1576 kg	(3473 lb)
Static tipping load, straight	5407 kg	(11,920 lb)	4327 kg	(9539 lb)	3609 kg	(7957 lb)
Static tipping load, full turn	4726 kg	(10,419 lb)	3779 kg	(8331 lb)	3151 kg	(6947 lb)
Operating weight	12 562 kg	(27,695 lb)	12 562 kg	(27,695 lb)	12 562 kg	(27,695 lb)
High Lift VersaLink						
Operating load	2097 kg	(4622 lb)	1705 kg	(3759 lb)	1439 kg	(3171 lb)
Static tipping load, straight	4814 kg	(10,613 lb)	3919 kg	(8640 lb)	3308 kg	(7293 lb)
Static tipping load, full turn	4193 kg	(9244 lb)	3410 kg	(7518 lb)	2877 kg	(6343 lb)
Operating weight	12 707 kg	(28,014 lb)	12 707 kg	(28,014 lb)	12 707 kg	(28,014 lb)

Dimensions with Standard VersaLink and Millyard Forks

All dimensions are approximate. Dimensions vary with fork length. Refer to Operating Specifications chart below.



	Hook-On Fork	Pin-On Fork
1	7789 mm (25 ft 7 in)	7678 mm (25 ft 2 in)
2	1123 mm (3 ft 8 in)	1019 mm (3 ft 4 in)
3	1757 mm (5 ft 9 in)	1596 mm (5 ft 3 in)
4	837 mm (2 ft 9 in)	676 mm (2 ft 3 in)
5	1220 mm (4 ft 0 in)	1220 mm (4 ft 0 in)
6	1800 mm (5 ft 11 in)	1734 mm (5 ft 8 in)
7	2320 mm (7 ft 7 in)	2670 mm (8 ft 9 in)
8	2640 mm (8 ft 8 in)	2711 mm (8 ft 11 in)
9	3828 mm (12 ft 7 in)	3761 mm (12 ft 4 in)
10	69°	48°
11	2705 mm (8 ft 10 in)	2705 mm (8 ft 10 in)
12	1195 mm (3 ft 11 in)	1195 mm (3 ft 11 in)
13	1651 mm (5 ft 5 in)	1651 mm (5 ft 5 in)
14	1779 mm (5 ft 10 in)	1779 mm (5 ft 10 in)

Operating Specifications with Standard VersaLink and Millyard Forks

Fork Type	Hook-On Fork		Pin-On Fork	
Operating load:				
Per SAE J1197 FEB91 (50% of FTSTL)	2857 kg	(6299 lb)	3068 kg	(6763 lb)
Per EN 474-3, log handling, rough terrain (75% of FTSTL)	4286 kg	(9448 lb)	4601 kg	(10,144 lb)
Per EN 474-3, log handling, firm & level ground (85% of FTSTL)	4857 kg	(10,708 lb)	5215 kg	(11,497 lb)
Load center	616 mm	(24.3 in)	592 mm	(23.3 in)
Static tipping load with level arms and forks, straight*	6617 kg	(14,588 lb)	7083 kg	(15,615 lb)
Static tipping load with level arms and forks, full 40° turn*	5714 kg	(12,597 lb)	6135 kg	(13,525 lb)
Operating weight*	13 305 kg	(29,333 lb)	13 193 kg	(29,086 lb)

* Static tipping and operating weights shown are for 930G with cab with A/C, optional counterweight, limited slip axles, heavy duty rear brakes, additional guarding, sound suppression, work tool, 80 kg (176 lb) operator and 600/65 R25 GP-3D tires.

Standard VersaLink

Operating Specifications with Bucket

	Hook-on Buckets using Quick Coupler 		General Purpose								
			Bolt-On Cutting Edge			Bolt-On Teeth & Segments			Bolt-On Teeth		
	Rated bucket capacity (§)	m^3	2.1	2.3	2.5	2.1	2.3	2.5	1.9	2.1	2.3
		yd^3	2.7	3.0	3.2	2.7	3.0	3.2	2.4	2.7	3.0
	Struck capacity (§)	m^3	1.7	1.9	2.1	1.7	1.9	2.1	1.6	1.8	2.0
		yd^3	2.2	2.5	2.7	2.2	2.5	2.7	2.1	2.4	2.6
	Bucket width	mm	2550	2550	2550	2585	2585	2585	2585	2585	2585
		ft/in	8'4"	8'4"	8'4"	8'6"	8'6"	8'6"	8'6"	8'6"	8'6"
10	Dump clearance at full lift and 45° discharge (§)	mm	2843	2783	2737	2731	2670	2624	2731	2670	2624
		ft/in	9'4"	9'2"	9'0"	9'0"	8'9"	8'7"	9'0"	8'9"	8'7"
14	Reach at full lift and 45° discharge (§)	mm	936	997	1042	1030	1091	1137	1030	1091	1137
		ft/in	3'1"	3'3"	3'5"	3'5"	3'7"	3'9"	3'5"	3'7"	3'9"
	Reach at 45° discharge and 2130 mm (7'0") clearance (§)	mm	1514	1539	1557	1541	1563	1578	1541	1563	1578
		ft/in	5'0"	5'1"	5'1"	5'1"	5'2"	5'2"	5'1"	5'2"	5'2"
	Reach with lift arms horizontal and bucket level	mm	2518	2603	2668	2664	2749	2814	2664	2749	2814
		ft/in	8'3"	8'6"	8'9"	8'9"	9'0"	9'3"	8'9"	9'0"	9'3"
20	Digging depth (§)	mm	191	191	191	204	204	204	204	204	204
		in	7.5"	7.5"	7.5"	8"	8"	8"	8"	8"	8"
6	Overall length	mm	7422	7507	7572	7568	7653	7718	7548	7633	7698
		ft/in	24'4"	24'8"	24'10"	24'10"	25'1"	25'4"	24'9"	25'1"	25'3"
13	Overall height with bucket at full raise (§)	mm	5307	5386	5420	5307	5386	5420	5307	5386	5420
		ft/in	17'5"	17'8"	17'9"	17'5"	17'8"	17'9"	17'5"	17'8"	17'9"
24	Loader clearance radius with bucket in carry position (§)	mm	11 652	11 695	11 729	11 768	11 813	11 849	11 768	11 813	11 849
		ft/in	38'3"	38'4"	38'6"	38'7"	38'9"	38'10"	38'7"	38'9"	38'10"
	Static tipping load straight (§)	kg	9228	9109	9022	9063	8943	8854	9168	9048	8961
		lb	20,344	20,082	19,890	19,981	19,716	19,520	20,212	19,948	19,756
	Static tipping load full 40° turn (§)	kg	8015	7904	7822	7851	7738	7655	7955	7843	7761
		lb	17,670	17,425	17,245	17,309	17,059	16,876	17,538	17,291	17,110
	Breakout force (§)	kg	13 822	12 867	12 218	13 687	12 732	12 083	14 595	13 529	12 809
		lb	30,472	28,367	26,936	30,175	28,069	26,639	32,177	29,826	28,239
	Operating weight	kg	13 130	13 190	13 231	13 266	13 326	13 367	13 180	13 240	13 281
		lb	28,947	29,079	29,170	29,247	29,379	29,469	29,057	29,189	29,280

Static tipping and operating weights shown are for 930G with cab with A/C, optional counterweight, limited slip axles, heavy duty rear brakes, additional guarding, sound suppression, work tool, 80 kg (176 lb) operator and 600/65 R25 GP-3D tires.

* Dimensions are measured to the tip of the bucket teeth to provide accurate clearance data. SAE standards specify the cutting edge.

(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers (SAE), including SAE Standards J732 JUN92 and J742 FEB85 governing ratings.

High Density						Light Material		Ejector	Woodchip
Bolt-On Cutting Edge		Bolt-On Teeth and Segments		Bolt-On Teeth		Bolt-On Cutting Edge		Bolt-On Cutting Edge	Bolt-On Cutting Edge
2.1 2.7	2.3 3.0	2.1 2.7	2.3 3.0	2.0 2.6	2.1 2.7	2.8 3.6	3.1 4.0	3.1 4.0	5.0 6.5
1.7 2.2	1.9 2.5	1.7 2.2	1.9 2.5	1.6 2.1	1.8 2.4	2.3 3.0	2.6 3.4	2.6 3.4	4.1 5.3
2550 8'4"	2550 8'4"	2585 8'6"	2585 8'6"	2585 8'6"	2585 8'6"	2550 8'4"	2550 8'4"	2550 8'4"	3392 11'2"
2936 9'8"	2902 9'6"	2832 9'3"	2798 9'2"	2832 9'3"	2798 9'2"	2800 9'2"	2756 9'1"	2738 9'0"	2671 8'9"
1073 3'6"	1114 3'8"	1176 3'10"	1218 4'0"	1176 3'10"	1218 4'0"	1210 4'0"	1252 4'1"	980 3'3"	1189 3'11"
1700 5'7"	1723 5'8"	1747 5'9"	1769 5'10"	1747 5'9"	1769 5'10"	1763 5'9"	1778 5'10"	1496 4'11"	1661 5'5"
2526 8'3"	2578 8'5"	2672 8'9"	2724 8'11"	2672 8'9"	2724 8'11"	2718 8'11"	2778 9'1"	2623 8'7"	2818 9'3"
142 5.6"	147 5.8"	155 6.1"	160 6.3"	155 6.1"	160 6.3"	159 6.3"	166 6.5"	234 9.2"	134 5.3"
7390 24'3"	7447 24'5"	7536 24'9"	7593 24'11"	7516 24'8"	7573 24'10"	7597 24'11"	7662 25'2"	7559 24'10"	7677 25'2"
5344 17'6"	5351 17'7"	5344 17'6"	5351 17'7"	5344 17'6"	5351 17'7"	5479 18'0"	5538 18'2"	5751 18'10"	5770 18'11"
11 621 38'2"	11 652 38'3"	11 738 38'6"	11 769 38'7"	11 738 38'6"	11 769 38'7"	11 734 38'6"	11 770 38'7"	11 707 38'5"	12 525 41'1"
9588 21,138	9495 20,933	9422 20,772	9327 20,563	9528 21,006	9433 20,796	9340 20,591	9267 20,430	9103 20,069	9084 20,027
8344 18,395	8256 18,201	8178 18,029	8089 17,833	8284 18,263	8195 18,067	8206 18,091	8030 17,703	7877 17,366	7844 17,293
13 753 30,320	13 148 28,987	13 618 30,023	13 014 28,691	14 507 31,983	13 838 30,508	11 804 26,024	11 281 24,870	12 548 27,664	10 654 23,488
13 027 28,720	13 082 28,841	13 163 29,020	13 218 29,141	13 077 28,830	13 132 28,951	13 136 28,960	13 187 29,073	13 441 29,632	13 471 29,699

Standard VersaLink

Operating Specifications with Bucket

	Pin-on Buckets 		General Purpose					
			Bolt-On Cutting Edge		Bolt-On Teeth and Segments		Bolt-On Teeth	
	Rated bucket capacity (§)	m^3	2.3	2.5	2.3	2.5	2.1	2.3
		yd^3	3.0	3.2	3.0	3.2	2.7	3.0
	Struck capacity (§)	m^3	1.9	2.1	1.9	2.1	1.8	2.0
		yd^3	2.5	2.7	2.5	2.7	2.4	2.6
	Bucket width	mm	2550	2550	2585	2585	2585	2585
		ft/in	8'4"	8'4"	8'6"	8'6"	8'6"	8'6"
10	Dump clearance at full lift and 45° discharge (§)	mm	2917	2871	2804	2758	2804	2758
		ft/in	9'7"	9'5"	9'2"	9'1"	9'2"	9'1"
14	Reach at full lift and 45° discharge (§)	mm	925	971	1019	1065	1019	1065
		ft/in	3'0"	3'2"	3'4"	3'6"	3'4"	3'6"
	Reach at 45° discharge and 2130 mm (7'0") clearance (§)	mm	1542	1564	1574	1593	1574	1593
		ft/in	5'1"	5'2"	5'2"	5'3"	5'2"	5'3"
	Reach with lift arms horizontal and bucket level	mm	2458	2523	2604	2669	2604	2669
		ft/in	8'1"	8'3"	8'7"	8'9"	8'7"	8'9"
20	Digging depth (§)	mm	147	147	160	160	160	160
		in	5.8"	5.8"	6.3"	6.3"	6.3"	6.3"
6	Overall length	mm	7327	7392	7473	7538	7453	7518
		ft/in	24'0"	24'3"	24'6"	24'9"	24'5"	24'8"
13	Overall height with bucket at full raise (§)	mm	5276	5343	5276	5343	5276	5343
		ft/in	17'4"	17'6"	17'4"	17'6"	17'4"	17'6"
24	Loader clearance radius with bucket in carry position (§)	mm	11 561	11 595	11 679	11 714	11 679	11 714
		ft/in	37'11"	38'0"	38'4"	38'5"	38'4"	38'5"
	Static tipping load straight (§)	kg	9794	9698	9626	9529	9732	9637
		lb	21,592	21,381	21,222	21,008	21,455	21,246
	Static tipping load full 40° turn (§)	kg	8527	8438	8359	8269	8466	8376
		lb	18,799	18,603	18,429	18,230	18,664	18,466
	Breakout force (§)	kg	14 567	13 757	14 432	13 622	15 430	14 519
		lb	32,115	30,329	31,817	30,032	34,018	32,009
	Operating weight	kg	12 985	13 026	13 121	13 162	13 035	13 076
		lb	28,627	28,718	28,927	29,017	28,737	28,828

Static tipping and operating weights shown are for 930G with cab with A/C, optional counterweight, limited slip axles, heavy duty rear brakes, additional guarding, sound suppression, work tool, 80 kg (176 lb) operator and 600/65 R25 GP-3D tires.

* Dimensions are measured to the tip of the bucket teeth to provide accurate clearance data. SAE standards specify the cutting edge.

(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers (SAE), including SAE Standards J732 JUN92 and J742 FEB85 governing ratings.

High Density General Purpose						Light Material	Woodchip
Bolt-On Cutting Edge		Bolt-On Teeth and Segments		Bolt-On Teeth		Bolt-On Cutting Edge	Bolt-On Cutting Edge
2.1 2.7	2.3 3.0	2.1 2.7	2.3 3.0	2.0 2.6	2.1 2.7	2.8 3.6	5.0 6.5
1.7 2.2	2.0 2.6	1.7 2.2	1.8 2.4	1.6 2.1	1.9 2.5	2.3 3.0	4.1 5.3
2550 8'4"	2550 8'4"	2585 8'6"	2585 8'6"	2585 8'6"	2585 8'6"	2550 8'4"	3392 11'2"
3027 9'11"	2992 9'10"	2923 9'7"	2888 9'6"	2923 9'7"	2888 9'6"	2891 9'6"	2777 9'1"
966 3'2"	1007 3'4"	1069 3'6"	1110 3'8"	1069 3'6"	1110 3'8"	1104 3'7"	1071 3'6"
1637 5'4"	1661 5'5"	1689 5'6"	1712 5'7"	1689 5'6"	1712 5'7"	1707 5'7"	1611 5'3"
2385 7'10"	2438 8'0"	2531 8'4"	2584 8'6"	2531 8'4"	2584 8'6"	2578 8'5"	2660 8'9"
142 5.6"	147 5.8"	155 6.1"	160 6.3"	155 6.1"	160 6.3"	159 6.3"	142 5.6"
7250 23'9"	7307 24'0"	7396 24'3"	7453 24'5"	7375 24'2"	7433 24'5"	7456 24'6"	7525 24'8"
5222 17'2"	5230 17'2"	5222 17'2"	5230 17'2"	5222 17'2"	5230 17'2"	5304 17'5"	5630 18'6"
11 520 37'10"	11 550 37'11"	11 637 38'2"	11 668 38'3"	11 637 38'2"	11 668 38'3"	11 631 38'2"	12 430 40'9"
10 079 22,221	10 019 22,088	9911 21,850	9850 21,716	10 018 22,086	9957 21,952	9800 21,605	9891 21,806
8793 19,385	8739 19,266	8625 19,015	8570 18,894	8732 19,251	8677 19,130	8532 18,810	8579 18,914
15 634 34,467	14 884 32,814	15 499 34,170	14 750 32,518	16 636 36,676	15 785 34,800	13 199 29,099	12 232 26,967
12 862 28,356	12 866 28,365	12 998 28,656	13 002 28,665	12 912 28,466	12 916 28,475	12 984 28,625	13 232 29,172

High Lift VersaLink

Operating Specifications with Bucket

	Hook-on Buckets using Quick Coupler 		General Purpose								
			Bolt-On Cutting Edge			Bolt-On Teeth and Segments			Bolt-On Teeth		
	Rated bucket capacity (§)	m^3	2.1	2.3	2.5	2.1	2.3	2.5	1.9	2.1	2.3
		yd^3	2.7	3.0	3.2	2.7	3.0	3.2	2.4	2.7	3.0
	Struck capacity (§)	m^3	1.7	1.9	2.1	1.7	1.9	2.1	1.6	1.8	2.0
		yd^3	2.2	2.5	2.7	2.2	2.5	2.7	2.1	2.4	2.6
	Bucket width	mm	2550	2550	2550	2585	2585	2585	2585	2585	2585
		ft/in	8'4"	8'4"	8'4"	8'6"	8'6"	8'6"	8'6"	8'6"	8'6"
10	Dump clearance at full lift and 45° discharge (§)	mm	3343	3283	3237	3231	3170	3125	3231	3170	3125
		ft/in	11'0"	10'9"	10'7"	10'7"	10'5"	10'3"	10'7"	10'5"	10'3"
14	Reach at full lift and 45° discharge (§)	mm	936	996	1042	1030	1090	1136	1030	1090	1136
		ft/in	3'1"	3'3"	3'5"	3'5"	3'7"	3'9"	3'5"	3'7"	3'9"
	Reach at 45° discharge and 2130 mm (7'0") clearance (§)	mm	1956	1987	2010	1994	2022	2043	1994	2022	2043
		ft/in	6'5"	6'6"	6'7"	6'7"	6'8"	6'8"	6'7"	6'8"	6'8"
	Reach with lift arms horizontal and bucket level	mm	2912	2997	3062	3058	3143	3208	3058	3143	3208
		ft/in	9'7"	9'10"	10'1"	10'0"	10'4"	10'6"	10'0"	10'4"	10'6"
20	Digging depth (§)	mm	206	206	206	219	219	219	219	219	219
		in	8.1"	8.1"	8.1"	8.6"	8.6"	8.6"	8.6"	8.6"	8.6"
6	Overall length	mm	7901	7986	8051	8047	8132	8197	8032	8117	8182
		ft/in	25'11"	26'2"	26'5"	26'5"	26'8"	26'11"	26'4"	26'8"	26'10"
13	Overall height with bucket at full raise (§)	mm	5803	5882	5915	5803	5882	5915	5803	5882	5915
		ft/in	19'0"	19'4"	19'5"	19'0"	19'4"	19'5"	19'0"	19'4"	19'5"
24	Loader clearance radius with bucket in carry position (§)	mm	12 126	12 173	12 209	12 248	12 296	12 333	12 248	12 296	12 333
		ft/in	39'9"	39'11"	40'1"	40'2"	40'4"	40'6"	40'2"	40'4"	40'6"
	Static tipping load straight (§)	kg	7425	7305	7238	7266	7156	7077	7367	7258	7179
		lb	16,369	16,105	15,957	16,019	15,776	15,602	16,242	16,001	15,827
	Static tipping load full 40° turn (§)	kg	6412	6290	6236	6253	6149	6074	6354	6251	6177
		lb	14,136	13,867	13,748	13,786	13,556	13,391	14,008	13,781	13,618
	Breakout force (§)	kg	14 798	13 780	13 088	14 663	13 645	12 953	15 646	14 509	13 740
		lb	32,624	30,380	28,854	32,327	30,082	28,557	34,494	31,987	30,292
	Operating weight	kg	13 275	13 335	13 376	13 410	13 470	13 511	13 325	13 385	13 426
		lb	29,267	29,399	29,489	29,564	29,696	29,787	29,377	29,509	29,599

Static tipping and operating weights shown are for 930G with cab with A/C, optional counterweight, limited slip axles, heavy duty rear brakes, additional guarding, sound suppression, work tool, 80 kg (176 lb) operator and 600/65 R25 GP-3D tires.

* Dimensions are measured to the tip of the bucket teeth to provide accurate clearance data. SAE standards specify the cutting edge.

(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers (SAE), including SAE Standards J732 JUN92 and J742 FEB85 governing ratings.

Heavy Duty General Purpose						Light Material		Ejector	Woodchip
Bolt-On Cutting Edge		Bolt-On Teeth and Segments		Bolt-On Teeth		Bolt-On Cutting Edge		Bolt-On Cutting Edge	Bolt-On Cutting Edge
2.1 2.7	2.3 3.0	2.1 2.7	2.3 3.0	2.0 2.6	2.1 2.7	2.8 3.6	3.1 4.0	3.1 4.0	5.0 6.5
1.7 2.2	1.9 2.5	1.7 2.2	1.9 2.5	1.6 2.1	1.8 2.4	2.3 3.0	2.6 3.4	2.6 3.4	4.1 5.3
2550 8'4"	2550 8'4"	2585 8'6"	2585 8'6"	2585 8'6"	2585 8'6"	2550 8'4"	2550 8'4"	2550 8'4"	3392 11'2"
3436 11'3"	3402 11'2"	3332 10'11"	3298 10'10"	3332 10'11"	3298 10'10"	3300 10'10"	3256 10'8"	3238 10'7"	3171 10'5"
1073 3'6"	1114 3'8"	1176 3'10"	1217 4'0"	1176 3'10"	1217 4'0"	1210 4'0"	1252 4'1"	980 3'3"	1188 3'11"
2135 7'0"	2161 7'1"	2191 7'2"	2215 7'3"	2191 7'2"	2215 7'3"	2210 7'3"	2229 7'4"	1948 6'5"	2121 7'0"
2919 9'7"	2972 9'9"	3065 10'1"	3118 10'3"	3065 10'1"	3118 10'3"	3112 10'3"	3172 10'5"	3017 9'11"	3212 10'6"
157 6.2"	162 6.4"	170 6.7"	175 6.9"	170 6.7"	175 6.9"	174 6.9"	181 7.1"	249 9.8"	149 5.9"
7877 25'10"	7933 26'0"	8023 26'4"	8079 26'6"	8007 26'3"	8063 26'5"	8081 26'6"	8146 26'9"	8033 26'4"	8165 26'9"
5835 19'2"	5843 19'2"	5835 19'2"	5843 19'2"	5835 19'2"	5843 19'2"	5971 19'7"	6029 19'9"	6238 20'6"	6252 20'6"
12 089 39'8"	12 122 39'9"	12 211 40'1"	12 244 40'2"	12 211 40'1"	12 244 40'2"	12 210 40'1"	12 250 40'2"	12 202 40'0"	12 974 42'7"
7696 16,967	7612 16,782	7535 16,612	7450 16,425	7637 16,837	7553 16,652	7466 16,460	7388 16,288	7219 15,915	7121 15,699
6662 14,687	6582 14,511	6501 14,332	6420 14,154	6603 14,557	6523 14,381	6438 14,193	6359 14,019	6200 13,669	6101 13,450
14 751 32,521	14 103 31,092	14 617 32,225	13 969 30,797	15 583 34,355	14 865 32,772	12 660 27,911	12 099 26,674	13 427 29,602	11 464 25,274
13 172 29,039	13 227 29,161	13 307 29,337	13 362 29,458	13 222 29,150	13 277 29,271	13 281 29,280	13 332 29,392	13 586 29,952	13 616 30,018

High Lift VersaLink

Operating Specifications with Bucket

	Pin-on Buckets 		General Purpose					
			Bolt-On Cutting Edge		Bolt-On Teeth and Segments		Bolt-On Teeth	
	Rated bucket capacity (§)	m^3 yd^3	2.3 3.0	2.5 3.2	2.3 3.0	2.5 3.2	2.1 2.7	2.3 3.0
	Struck capacity (§)	m^3 yd^3	1.9 2.5	2.1 2.7	1.9 2.5	2.1 2.7	1.8 2.4	2.0 2.6
	Bucket width	mm ft/in	2550 8'4"	2550 8'4"	2585 8'6"	2585 8'6"	2585 8'6"	2585 8'6"
10	Dump clearance at full lift and 45° discharge (§)	mm ft/in	3417 11'3"	3371 11'1"	3304 10'10"	3258 10'8"	3304 10'10"	3258 10'8"
14	Reach at full lift and 45° discharge (§)	mm ft/in	925 3'0"	971 3'2"	1019 3'4"	1065 3'6"	1019 3'4"	1065 3'6"
	Reach at 45° discharge and 2130 mm (7'0") clearance (§)	mm ft/in	1978 6'6"	2004 6'7"	2020 6'8"	2043 6'8"	2020 6'8"	2043 6'8"
	Reach with lift arms horizontal and bucket level	mm ft/in	2852 9'4"	2917 9'7"	2998 9'10"	3063 10'1"	2998 9'10"	3063 10'1"
20	Digging depth (§)	mm in	162 6.4"	162 6.4"	175 6.9"	175 6.9"	175 6.9"	175 6.9"
6	Overall length	mm ft/in	7813 25'8"	7878 25'10"	7959 26'1"	8024 26'4"	7943 26'1"	8008 26'3"
13	Overall height with bucket at full raise (§)	mm ft/in	5768 18'11"	5836 19'2"	5768 18'11"	5836 19'2"	5768 18'11"	2836 19'2"
24	Loader clearance radius with bucket in carry position (§)	mm ft/in	12 037 39'6"	12 074 39'7"	12 161 39'11"	12 198 40'0"	12 161 39'11"	12 198 40'0"
	Static tipping load straight (§)	kg lb	7862 17,333	7778 17,148	7700 16,976	7615 16,788	7803 17,203	7718 17,015
	Static tipping load full 40° turn (§)	kg lb	6809 15,011	6730 14,837	6647 14,654	6567 14,478	6750 14,881	6671 14,707
	Breakout force (§)	kg lb	15 619 34,434	14 754 32,527	15 484 34,137	14 620 32,232	16 568 36,526	15 594 34,379
	Operating weight	kg lb	13 130 28,947	13 171 29,037	13 266 29,247	13 307 29,337	13 180 29,057	13 221 29,147

Static tipping and operating weights shown are for 930G with cab with A/C, optional counterweight, limited slip axles, heavy duty rear brakes, additional guarding, sound suppression, work tool, 80 kg (176 lb) operator and 600/65 R25 GP-3D tires.

* Dimensions are measured to the tip of the bucket teeth to provide accurate clearance data. SAE standards specify the cutting edge.

(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers (SAE), including SAE Standards J732 JUN92 and J742 FEB 85 governing ratings.

High Density General Purpose						Light Material	Woodchip
Bolt-On Cutting Edge		Bolt-On Teeth and Segments		Bolt-On Teeth		Bolt-On Cutting Edge	Bolt-On Cutting Edge
2.1 2.7	2.3 3.0	2.1 2.7	2.3 3.0	2.0 2.6	2.1 2.7	2.8 3.6	5.0 6.5
1.7 2.2	2.0 2.6	1.7 2.2	1.8 2.4	1.6 2.1	1.9 2.5	2.3 3.0	4.1 5.3
2550 8'4"	2550 8'4"	2585 8'6"	2585 8'6"	2585 8'6"	2585 8'6"	2550 8'4"	3392 11'2"
3527 11'7"	3492 11'5"	3423 11'3"	3388 11'1"	3423 11'3"	3388 11'1"	3391 11'2"	3277 10'9"
965 3'2"	1006 3'4"	1068 3'6"	1110 3'8"	1068 3'6"	1110 3'8"	1103 3'7"	1071 3'6"
2065 6'9"	2092 6'10"	2125 7'0"	2151 7'1"	2125 7'0"	2151 7'1"	2145 7'0"	2059 6'9"
2779 9'1"	2832 9'3"	2925 9'7"	2978 9'9"	2925 9'7"	2978 9'9"	2971 9'9"	3054 10'0"
157 6.2"	162 6.4"	170 6.7"	175 6.9"	170 6.7"	175 6.9"	174 6.9"	157 6.2"
7737 25'5"	7793 25'7"	7883 25'10"	7939 26'1"	7866 25'10"	7923 26'0"	7940 26'1"	8012 26'3"
5712 18'9"	5719 18'9"	5712 18'9"	5719 18'9"	5712 18'9"	5719 18'9"	5796 19'0"	6111 20'1"
11 992 39'4"	12 026 39'5"	12 115 39'9"	12 149 39'10"	12 115 39'9"	12 149 39'10"	12 113 39'9"	12 884 42'3"
8102 17,862	8055 17,758	7940 17,505	7892 17,399	8043 17,732	7996 17,628	7852 17,311	7800 17,196
7035 15,510	6993 15,417	6873 15,152	6830 15,058	6976 15,380	6934 15,287	6800 14,992	6722 14,820
16 759 36,947	15 955 35,175	16 625 36,652	15 820 34,877	17 858 39,370	16 944 37,355	14 146 31,187	13 133 28,953
13 007 28,676	13 011 28,684	13 143 28,976	13 147 28,984	13 057 28,786	13 061 28,795	13 129 28,945	13 377 29,491

Supplemental Specifications

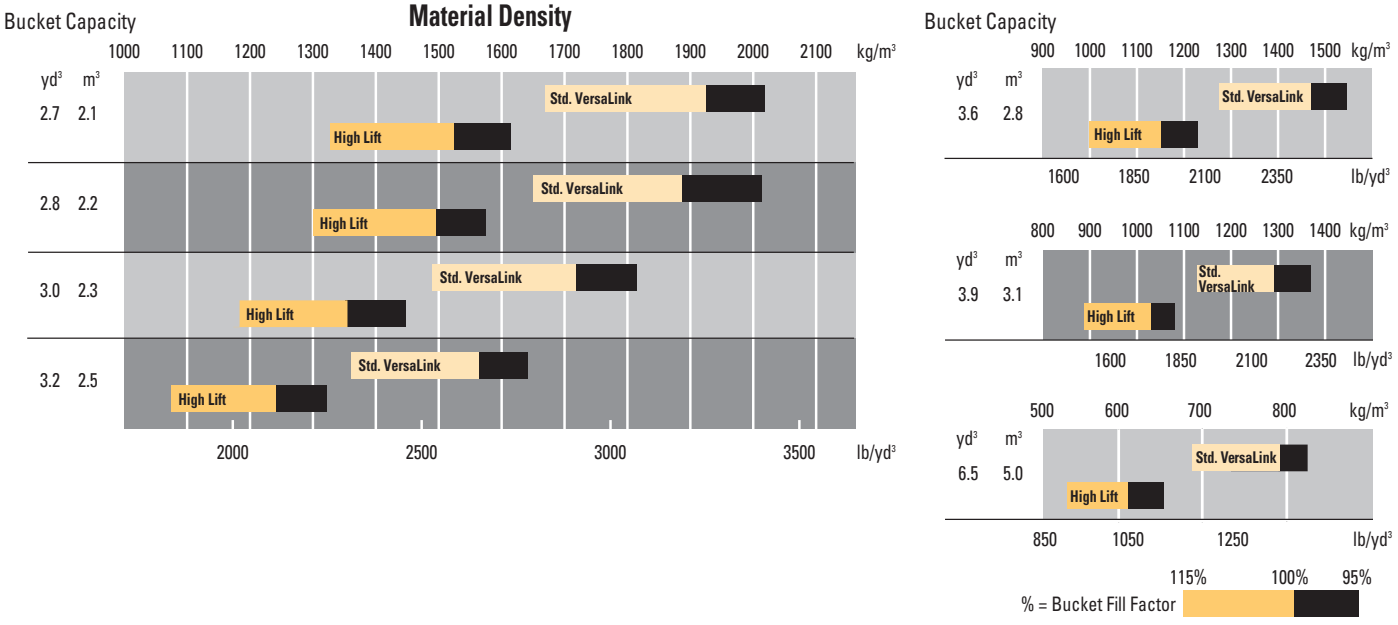
	Change in Operating Weight		Change in Articulated Static Tipping Load with Hook-On Bucket 2.1 m³ (2.75 yd³)	
	kg	lb	kg	lb
W/O Air conditioner	–37	–82	–59	–130
Canopy, ROPS (less cab)	–218	–481	–149	–328
W/O Optional counterweight, 470 kg/1100 lb	–470	–1036	–658	–1451
W/O Guard, crankcase	–16	–35	–20	–44
W/O Guard, driveshaft	–17	–37	–12	–26
W/O Guard, power train	–58	–128	–49	–108
W/O Ride Control System	–45	–99	–24	–53
W/O Secondary steering	–17	–37	–20	–44
Tires, 1-piece rims				
17.5-25, 12PR (L-2)	–868	–1914	–486	–1071
17.5-25, 12PR (L-3)	–796	–1755	–446	–983
17.5-25, radial (L-2)	–828	–1825	–464	–1023
17.5-25, radial (L-3)	–728	–1605	–408	–899
Tires, 3-piece rims				
17.5-25, 12PR (L-2)	–744	–1640	–417	–919
17.5-25, 12PR (L-3)	–672	–1482	–376	–829
17.5-25, radial (L-2)	–704	–1552	–394	–869
17.5-25, radial (L-3)	–604	–1332	–338	–745
20.5-25, 12PR (L-2)	–456	–1005	–255	–562
20.5-25, 12PR (L-3)	–252	–556	–141	–311
20.5 R25, radial (L-2)	–388	–855	–217	–478
20.5 R25, radial (L-3)	–216	–476	–121	–267
600/65R25, radial (L-3) Michelin	–212	–467	–119	–262
600/65R25, radial (L-3) Goodyear	0	0	0	0

Typical Material Densities – Loose

	kg/m³	lb/yd³
Basalt	1960	3305
Bauxite, Kaolin	1420	2394
Clay		
natural bed	1660	2799
dry	1480	2495
wet	1660	2799
Clay and gravel		
dry	1420	2394
wet	1540	2596
Decomposed rock		
75% rock, 25% earth	1960	3305
50% rock, 50% earth	1720	2900
25% rock, 75% earth	1570	2647
Earth		
dry, packed	1510	2546
wet, excavated	1600	2698
Granite		
broken	1660	2799
Gravel		
pitrun	1930	3254
dry	1510	2546
dry, 6-50 mm (0.2-2")	1690	2849
wet, 6-50 mm (0.2-2")	2020	3406

	kg/m³	lb/yd³
Gypsum		
broken	1810	3052
crushed	1600	2698
Limestone		
broken	1540	2596
crushed	1540	2596
Sand		
dry, loose	1420	2394
damp	1690	2849
wet	1840	3102
Sand and clay		
loose	1600	2698
Sand and gravel		
dry	1720	2900
wet	2020	3416
Sandstone	1510	2546
Shale	1250	2107
Slag		
broken	1750	2950
Stone		
crushed	1600	2698

Bucket Selector



Standard Equipment

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

ELECTRICAL
- Alternator, 80-amp
- Alarm, back-up
- Batteries, maintenance-free, 950 CCA, (2)
- Directional signals (front & rear)
- Starting and charging system, 24V
- Halogen work lights (front & rear)
- Ignition key start/stop switch
- Roading lights
- Starting aid, thermal
- Switch, battery disconnect

OPERATOR ENVIRONMENT
- Cab, ROPS (sound suppressed and pressurized)
- Gauges:
  - Engine coolant temperature
  - Hydraulic oil temperature
  - Torque converter oil temperature
  - Fuel level gauge
  - Speedometer
  - Digital tachometer
  - Digital hour meter/odometer
  - Transmission oil
- Warning indicators:
  - Primary steering malfunction
  - Electrical system voltage low
  - Coolant temperature
  - Engine oil pressure low
  - Parking brake applied
  - Brake charge pressure low
  - Transmission oil temperature
  - Transmission oil filter bypass
  - Hydraulic oil filter bypass
- Adjustable tilt steering column
- Coat hook
- Ground level door release
- Heater/defroster
- Horn, steering wheel mounted (electric)
- Hydraulic control lever lockout
- Interior light
- Interior and exterior auxiliary power sockets
- Lighter
- Lunch box storage with cup holder
- Pilot hydraulic implement controls
- Rear window defroster, electric
- Rear view mirrors (2 inside)
- Seat, adjustable suspension, armrest (fabric or vinyl)
- Seat belt, 75 mm (3 in), retractable
- Tinted safety glass, front
- Tool box
- Two door cab, fixed glass
- Wet arm wiper/washer (front & rear), front intermittent

POWER TRAIN
- Engine, Caterpillar 3056E DIT ATAAC
  - Low emission diesel engine
  - Turbocharged
  - After cooled
  - Closed Circuit Breather (CCB)
  - Electronically controlled engine
- Air cleaner, dry type
- Axle seal guards
- Brakes, enclosed wet-disc full hydraulic
- Differentials, conventional (front/rear)
- Driveshaft, lubed for life
- Engine fuel priming pump
- Engine speed control
- Fuel/water separator
- Muffler
- Radiator, unit serviceable
- S•O•S℠ oil sampling port, engine oil
- S•O•S℠ oil sampling port, transmission oil
- Torque converter
- Transmission, 4F/3R, autoshift, single lever control with F/N/R and kickdown button
- Transmission neutralizer; operator programmable

HYDRAULICS
- Hydraulic diagnostic connectors
- Hydraulic oil cooler
- Hydraulic control, 2-valve, 1-lever with F/N/R
- Load-sensing steering system
- S•O•S℠ oil sampling port, hydraulic oil

OTHER STANDARD EQUIPMENT
- Antenna, for radio
- Antifreeze/coolant, extended-life protects to –36° C (–33° F)
- Automatic bucket positioner/fork positioner
- Brakes, secondary and parking
- Counterweight
- Engine enclosure, lockable
- Fenders, front
- Hitch, recovery
- Loader linkage, VersaLink
- Lift kickout, automatic
- Machine Security System ready
- Product Link- World View ready
- Remote grease lines
- Steering stops, cushioned
- Swing-out, hydraulically driven demand fan
- Vandalism protection, lockable service points
- Visual indicators:
  - Air cleaner service
  - Coolant level
  - Hydraulic oil
  - Transmission oil

Optional Equipment

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

Air conditioner (R-134a refrigerant)
Alternator, 95-amp
Antifreeze/coolant, extended-life, protects to –50° C (–58° F)
Beacon light, rotating, magnetic-mount
Brakes, heavy duty (with rear axle oil cooler)
Buckets/ground engaging tools
Canopy, ROPS
Counterweight, additional 470 kg (1,036 lb)
Differential, Limited Slip, front axle and/or rear axle
Differential, NoSpin, rear axle only
Dust bowl precleaner
Electrical accessories package (12V converter, accessory plug outlet, wiring)
Fan, reversing
Fenders, roading, rear
Fenders, steel
Guards:
- Crankcase
- Driveshaft, front
- Power train
- Waste guarding package

Hydraulic control, two lever (lift/tilt)
Hydraulic control auxiliary; third and fourth, fifth and sixth valve
Hydraulic oil cooler, heavy-duty
Flood lights, auxiliary, cab-mounted
Linkage, high lift
Load check valves (dealer installed)
Machine Security System
Material handling arm
Mirrors, external (two)
Pallet forks, carriage
Product Link- World View
Quick Coupler, Caterpillar
Quick Coupler, wide
Radiator, wide fin spacing, 5.5 fpi
Radio packages:
- Radio prep installation, 12V, includes speakers, cable, mounting bracket, hardware, converter and accessory plug. Radio not included.
- Radio, AM/FM
- Radio, AM/FM with CD player

Rear-view camera system
Ride Control System
Seats:
- Cat Contour Seat, fabric, with adjustable backrest and lumbar support.
- Cat Contour Seat, fabric, electrically adjustable with air suspension.

Sliding door windows (left and right)
Sound suppression package
Starting aid, engine coolant heater, 120V
Steering:
- Secondary
- Dual Mode

Sun screen, rear
Sun visor, front
Tires:
- Bias ply, 17.5 – 25 and 20.5 – 25
- Radial, 17.5 – R25, 20.5 – R25 and 600/65 R25

930G Wheel Loader

For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at **www.cat.com**

Materials and specifications are subject to change without notice. Featured machines in photos may include additional equipment. See your Caterpillar dealer for available options.

AEHQ5610-01 (8-05)

Replaces AEHQ5610

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