



2020

**JCB Wheel Loader
427 HT**



**JCB, Inc. North American
Machine Price List
In U.S. Dollars
Effective: January 2, 2020**

Changes to specifications and/or prices may occur.
Please refer to the product manager for updates.



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STANDARD EQUIPMENT

GENERAL

Front and rear unitized mainframe modules with a componentized driveline. Frame mounted hydraulic and fuel tanks with convenient cleanout ports. Front fenders. Side panels and rear engine access electrically assisted struts. Articulation locking strut for transporting.

ENGINE

6.7 L (409 CID) 6-cylinder, 179 Gross HP Cummins QSB diesel, T4 Final, variable geometry turbocharger, diesel oxidation catalyst, exhaust gas recirculation, air scavenge system, low idle feature dual element air cleaner, spin-on filters, water separator, thermostart assist and antifreeze to -33 degrees.

TRANSMISSION

Fully automatic powershift transmission with torque converter. Four forward and three reverse gears with a speed inhibitor and modulation for smooth directional changes. Twist grip for manual gear selection with transmission kickdown button, automatic gear shifting through switch on A-pillar. Forward and reverse control switch on hydraulics control lever. Selectable transmission disconnect on brake pedal. Transmission underbelly guard for added protection.

TIRES

Several types available; see Section 2.

FRONT/REAR AXLES

Standard limited slip differentials for superior traction performance. Optional open differentials with automatic differential locking. All axle types include sinter lined pads to provide increased resistance to heat and wear with the multi-disc brake system.

BRAKES

Oil immersed and hub mounted multi-disc design. Dual circuit design with accumulator backup to provide stopping ability in all conditions. parking brake operating on the transmission output shaft.

ELECTRICS

24 volt, IP67 water and dust resistant connectors with numerical coded wiring. 120 amp alternator with 2 heavy duty low maintenance batteries rated at 900 CCA. Battery disconnect switch located in battery compartment. Electrical circuit test button. Back-up Alarm.

INSTRUMENTS

Audible and visual engine and powertrain warning system with front mounted instrument panel including speedometer, hourmeter, fuel gauge, coolant temperature gauge, transmission temperature gauge, clock and auto emergency engine shut-down system. Parking brake "on" warning light.



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STANDARD EQUIPMENT CONT.

CAB	SAE certified ROPS/FOPS fully enclosed pressurized cab with 68 dB(a) internal noise level (SAE J2105). Dual exterior side view heated mirrors, two interior rear view mirrors, headrest and sun visor. Fully adjustable cloth suspension seat with 3-inch seat belt and left hand armrest. Heater/defroster, windshield wiper/washer, radio provision with speakers. Lighting package includes two headlights, two front worklights, two tail lights, reverse light, turn signals and cab mounted flashing beacon. Operator's manual. Roof mounted switch bank for accessory controls.
HYDRAULICS	Twin variable displacement piston pumps feed a "load sensing" system, providing an efficient and responsive distribution of power. Two spool loader circuit with accumulator backup. 3rd spool auxiliary hydraulic circuit as standard. Single control lever for lift and tilt functions. Priority steering valve for improved handling and safety and an electric emergency steering pump.
LOADER	Parallel lift loader end with a general purpose bucket (see Options, Section 4). Four cylinder geometry for high torque and capacity. Two lift and two tilt cylinders. Return to dig and height kickout. Lift ram safety strut.
LIVELINK	Five year subscription allows for enhanced machine security, improved service monitoring, and modernized fleet control.
WARRANTY	Three year full coverage warranty (please see the machine warranty certificate for details).



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SECTION 2 - NEW CUSTOM FACTORY BUILT ORDERS

To order a machine, select a code from each category below. Select Options and Attachments from Sections 3 and 4 as needed.

JCB cannot normally modify existing factory inventory. Dealers should order and install items from the Dealer Fit Section to change existing machines.

SALES CODE	PRIMARY BUILD	LIST PRICE
427T	427 HT Base Machine (Tier 4 Emissions Compliant)	\$148,188
TIRES & WHEELS		
600A651	Michelin XTLA 20.5 R25 L2 Machine Width: 97.7"	\$10,161
600A652	Michelin XHA 20.5 R25 L3 Machine Width: 97.7"	\$12,173
600A654	Michelin XMINED2 20.5 R25 L5 Machine Width: 97.7"	\$18,830
600A656	Michelin XSNOPLUS 20.5 R25 L2 Machine Width: 97.7"	\$12,226
600A671	Goodyears HRL 20.5-25 L3 Cross Ply. 16 Ply	\$9,246
600A673	Goodyear RL-5K 20.5R25 L5 103"	\$14,773
600A681	JCB Sitemaster 20.5-25 L3 Cross Ply. 16 Ply	\$6,633
600A683	JCB Earthmover Radial 20.5 R25 L3 Machine Width: 102.3"	\$8,229
600A685	SG Revolution SE 20.5R25: Solid Cushion Tires (Aggressive Tread)	\$20,318
600A686	SG Revolution S2 C2 DWL 20.5R25: Solid Cushion Tires (Smooth Tread)	\$18,659
600A701	Michelin XLD 650/65R25 L3	\$14,923
OPERATORS COMPARTMENT		
600B015	Standard Cab, ROPS/FOPS - Sliding/Tinted Glass, Fabric Suspension Seat	\$3,961
600B034	Standard Cab, ROPS/FOPS - Sliding/Tinted Glass, Fabric Suspension Seat, Reverse Cam	\$5,170
600B016	High Spec Cab, ROPS/FOPS - Sliding/Tinted Glass, Fabric Suspension Seat, Reverse Cam	\$6,041
CAB CONDITIONING SYSTEMS		
600C006	Full Cab Heater and Air Conditioning	\$3,147
600C007	Full Cab Climate Control	\$4,043
600C009	Full Cab Climate Control - Epoxy Coated	\$4,454
TRANSMISSION AND AXLES		
600D109	Std Axles, Sint, HD, 4 Speed, 20.5, Half Rear	\$9,303
600D191	Limited Slip Axles, Sint, HD, 4 Speed, 20.5 , Half Rear	\$11,487
600D192	Limited Slip Axles, Sint, HD, 4 Speed, 20.5 , Full Rear	\$12,927
600D193	Limited Slip Axles, Sint, HD, 4 Speed, 620 Full Rear	\$12,927
600D231	Auto Lock Front Axle, Std Rear, Sint, HD, 4 Speed 20.5, Full Rear	\$10,225
600D474	Auto Lock Front Axle, Std Rear, Sint, HD, 5 Speed LUC2-5, 20.5, Half Rear	\$17,589



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SECTION 2 - NEW CUSTOM FACTORY BUILT ORDERS CONT.

LOADER ARMS AND AUXILIARY HYDRAULICS

600E064	4 Speed, Standard Height Loader Arm, 3 Spool Joystick Hydraulics, Parallel Lift	\$2,480
600E065	4 Speed, Standard Height Loader Arm, 3 Spool Multi Lever Hydraulics, Parallel Lift	\$2,480
600E066	4 Speed, Standard Height Loader Arm, 4 Spool Joystick Hydraulics, Parallel Lift	\$2,905
600E067	4 Speed, Standard Height Loader Arm, 4 Spool Multi Lever Hydraulics, Parallel Lift	\$2,905
600E068	4 Speed, High Lift Loader Arm, 3 Spool Joystick Hydraulics, Parallel Lift	\$4,423
600E069	4 Speed, High Lift Loader Arm, 3 Spool Multi Lever Hydraulics, Parallel Lift	\$4,423
600E070	4 Speed, High Lift Loader Arm, 4 Spool Joystick Hydraulics, Parallel Lift	\$4,846
600E088	5 Speed, Standard Height Loader Arm, 3 Spool Joystick Hydraulics, Parallel Lift	\$2,480
600E089	5 Speed, Standard Height Loader Arm, 3 Spool Multi Lever Hydraulics, Parallel Lift	\$2,480
600E090	5 Speed, Standard Height Loader Arm, 4 Spool Joystick Hydraulics, Parallel Lift	\$2,905
600E091	5 Speed, Standard Height Loader Arm, 4 Spool Multi Lever Hydraulics, Parallel Lift	\$2,834
600E092	5 Speed, High Lift Loader Arm, 3 Spool Joystick Hydraulics, Parallel Lift	\$4,423
600E093	5 Speed, High Lift Loader Arm, 3 Spool Multi Lever Hydraulics, Parallel Lift	\$4,315
600E094	5 Speed, High Lift Loader Arm, 4 Spool Joystick Hydraulics, Parallel Lift	\$4,846
600E095	5 Speed, High Lift Loader Arm, 4 Spool Multi Lever Hydraulics, Parallel Lift	\$4,728
<hr/> LANGUAGE PACK <hr/>		
600F056	Operators Handbook and Manual Pack, English	\$0
600F060	Operators Handbook and Manual Pack, French	\$0



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SECTION 3 - OPTIONS - NEW CUSTOM FACTORY BUILT ORDERS

Select Optional Equipment as desired, within limitations if indicated.

SALES CODE	OPERATORS COMPARTMENT OPTIONS	LIST PRICE
600R026	In Cab Floor Carpet	\$497
600R027	In Cab Cool Box	\$664
600R028	360 Degree Work Lighted (All LED) 6 Front, 6 Rear, 2 in grill	\$2,716
600R042	Hi-vis Seatbelt - 2 inch Only. Orange	\$126
600R001	Carbon Filter - Cab Air Intake	\$186
600R005	Deluxe Fabric Seat - 3" Seatbelt	\$618
600R006	Super Deluxe Fabric Seat - 3" Seatbelt	\$1,089
600R014	Additional WorkLighted - Cab Mounted (6 Front, 2 Rear on Cab and 2 Rear on Hood)	\$240
600R015	LED WorkLighted - Cab Mounted (provides a total of 4 Front, 4 Rear on Cab and 2 Rear on Hood)	\$1,745
MACHINE PROTECTION OPTIONS		
600R016	Windshield Guard - Front and Side	\$1,952
600S018	Front Light Guards	\$176
600S439	Rear Light Guards	\$711
600S457	Front belly guard kit	\$1,868
600S025	Rear Grille Guard - Black 427	\$1,972
HYDRAULIC AND OTHER MACHINE OPTIONS		
600J005	Industrial Quickhitch With Pin Isolator Valve. 427HT and 437HT Std Arms	\$4,688
600J006	Industrial Quickhitch With Pin Isolator Valve. 427 HL	\$4,688
600J014	Quick Hitch Ready for standard arms	\$1,659
600J017	Quick Hitch Ready for high lift arms	\$1,659
600M004	Hydraulic Oil (Bio-degradable)	\$3,063
600M007	Epoxy Coated Cooling Pack	\$999



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SECTION 3 - OPTIONS - NEW CUSTOM FACTORY BUILT ORDERS CONT.

SALES CODE	HYDRAULIC AND OTHER MACHINE OPTIONS CONT.	LIST PRICE
600N001	Reverse Smart Alarm (82-112dba, 5 dba above ambient)	\$222
600N006	Green Beacon, Seatbelt switch Activated	\$333
600N009	Rear radar system (Compatible with Rear guard)	\$4,854
600N010	Rear radar system (Not compatible with Rear guard)	\$4,854
600N346	Electrical Connectors - Sealed	\$831
600R381	Loading Shovel Grease Gun and Cartridge	\$42
600S027	Full Handrails 20.5	\$900
600S028	Full Handrails 620 Fenders	\$900
600S019	Blue Flashing Lights in Rear Grille	\$665
600S029	Full Handrails 750 Fenders	\$900
600T064	Full Rear Fender Coverage	\$1,261
600T010	Swing Out Reverse Fan	\$557
600T100	Non Parallel Linkage Kit - 427 and 437 HT	\$0
600T101	Non Parallel Linkage Kit - 427 High Lift	\$0
600T301	Smooth Ride System	\$4,505
600T302	Transmission Cooler Bypass 427 and 437. 4 Speed Only.	\$611
600T463	Auxiliary Relief Valve for 3 spool	\$382
600T464	Auxiliary Relief Valve for 3 and 4 spool	\$815
600T592	Autogreasing system. Std arm, Non Parallel. Std tires	\$5,454
600T593	Autogreasing system. Std arm, Parallel. Std tires	\$5,454
600T594	Autogreasing system. Std arm, Non Parallel. Wide tires	\$5,454
600T595	Autogreasing system. Std arm, Parallel. Wide tires	\$5,454
600T596	Autogreasing system. High lift arm, Non Parallel. Std tires	\$5,454
600T597	Autogreasing system. High lift arm, Parallel. Wide tires	\$5,454
600T604	Trailer Electrics - 12V	\$803



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SECTION 4 - ATTACHMENTS - NEW FACTORY BUILT ORDERS

Select Attachments as desired, within limitations if indicated.

SALES CODE	JCB QUICKHITCH LOADER BUCKETS (QUICKHITCH MUST BE ORDERED)	LIST PRICE
600J360	GP Bucket - 2.5 Cu. Yd. with Bolt-on Cutting Edge - Quickhitch Mount	\$5,773
600J361	GP Bucket - 2.7 Cu. Yd. with Bolt-on Cutting Edge - Quickhitch Mount	\$6,203
600J362	GP Bucket - 3.1 Cu. Yd. with Bolt-on Cutting Edge - Quickhitch Mount	\$7,194
600J366	GP Bucket - 3.5 Cu. Yd. with Bolt-on Cutting Edge - Quickhitch Mount	\$7,901
JCB DIRECT MOUNTED LOADER BUCKETS (NOT FOR USE WITH QUICKHITCH)		
600H361	GP Bucket - 3.1 Cu. Yd. with Bolt-on Cutting Edge	\$7,186
600H362	GP Bucket - 3.5 Cu. Yd. with Bolt-on Cutting Edge	\$7,671
OTHER ATTACHMENTS, QUICKHITCH TYPE		
600J406	Pallet Forks and Carrier, 78" (2000 mm) wide	\$5,334
600J412	Fork and Frame 59" (1500 mm) Wide with Parallel Lift	\$5,334