993K

993K WHEEL LOADER DECATUR, IL, USA

Ship Weight lbs LIST PRICE AT FACTORY

Standard Equipment:

POWERTRAIN

Air-to-Air After Cooler(ATAAC)
Brakes, oil-cooled multi-disk, service
and secondary
Case drain filters
Demand fan
Driveline parking brake
Electric fuel priming pump
Engine, Cat C32 ACERT
Ground level engine shutdown

Precleaner, engine air intake, above hood

Radiator, Next Generation Modular (NGMR) Starting aid, ether, automatic Throttle lock, electronic

Transmission, 533mm (21in) planetary powershift with 3F/3R with control

ELECTRICAL

Alarm, back-up
Alternator, 150-amp
Batteries, maintenance-free, 4-1400 CCA
Deutsch terminal connectors
Diagnostic connector starting and
charging system
Electrical system, 24V
Electronic transmission control
Light, warning strobe
Lights, front & rear, access stairway
Starter and charging system, 24V
Starter receptacle for emergency start
Starter and transmission lockouts
in bumper
Electronic service center

OPERATOR ENVIRONMENT

Advisor display:
-Displays real time operating

information, performs calibrations, and customizes operator settings Air conditioner
Air precleaner
Cab, sound-suppressed pressurized, with pressurized indicator, separate external rollover protective structure (ROPS/FOPS), radio ready for entertainment includes antenna, speakers, 12-volt 10-amp converter, and power port
Cigar lighter and ashtray
Coat hooks
Controls, lift and tilt function

-Gear

-Ground speed
-Machine hours
Heater and defroster
Horn, electric

Instrumentation gauges:
-Engine coolant temperature

-Hydraulic oil temperature

-Fuel level

-Powertrain oil temperature

-Tachometer Light, dome (cab)

Lunchbox, beverage, and manual holders

Rimpull control system

Seat belt, 2-point, 76mm (3"), minder

Steering and transmission lock

lever, cab

STIC control system

Trainer seat with lap belt

VIMS (Vital Info Management System):

-External data port

-Integral payload control system

Wet-arm wipers/washers (front and rear),

intermittent wipers (front and rear)

OTHER STANDARD EQUIPMENT

Automatic bucket leveler

Automatic lift and lower bucket kickout

Axle ecology drain

Bumper service center

Deluxe filtration

Emergency platform egress

Fuel, fast fill system

Front walkway

Grouped hydraulic pressure ports

Guards, crankcase and powertrain

Hitch, drawbar with pin

Impeller clutch

Implement lock lever, cab

Implement and steering ecology drains

Linkage pins, maintenance free

Mufflers, under hood

Oil sampling valves

Positive flow control implement system

Service center with ground level

electrical and fluids service center

Sight gauges for steering, implement,

and transmission oil

Stairway, left and right rear access

Starter lockout, bumper

Steering, load sensing

Toe kicks

Transmission lockout, bumper

Digital display on center console:

993K

993K WHEEL LOADER DECATUR, IL, USA		Ship Weight Ibs	LIST PRICE AT FACTORY
353-4000	993K WHEEL LOADER HRC	217,600	**
OP-1496	993K MISCELLANEOUS MATERIAL	0	NC
	Only reference numbers under the Factory Sourced Kits secused on a MISC order.	tion can be	

993K

USE	REF NO.	LANE 2 MANDATORY Ship Weight lbs	LIST PRICE AT FACTORY
LANE	SELECTIO	DN .	
	0P-9002	LANE 2 ORDER	NC
BOOM	MS, STICKS	S, AND LINKAGES	
LI	FT ARRAN	GEMENTS	
L	353-4330	LIFT, STANDARD	NC
L	353-4340	LIFT, HIGH	\$95,220
LU	JBRICATIO	N ARRANGEMENTS	
L	357-3700	LUBRICATION, MANUAL	NC
L	357-3715	AUTOLUBE	\$20,210
POW	ERTRAIN		
E/	VGINE ARR	PANGEMENTS	
L	485-0322	ENGINE, STANDARD	NC
L	485-0323	ENGINE, STANDARD, SND SUP	\$28,830
L	485-0324	ENGINE, BRAKE	\$24,400
L	485-0325	ONLY FOR USE WITH: 353-4000 993K WHEEL LOADER HRC ENGINE, BRAKE, SND SUP	\$53,230
TO	ORQUE CO	NVERTERS	
L	353-4055	ICTC0 CANNOT BE USED WITH: ENGINE, BRAKE	NC
L	353-4065	ICTC & LOCK UP CLUTCH	\$12,950
HYDF	RAULICS		
L	353-3993	LINES, BRAKE	NC

993K

USE	REF NO.	LANE 2 MANDATORY	Ship Weight lbs	LIST PRICE AT FACTOR
HYD	PRAULICS (CONT.)		
5	STEERING			
L	353-4310	STEERING, STANDARD	0	NC
L	353-4320	STEERING, SECONDARY		\$18,210
ELE	CTRICAL			
A	ADVISOR DI	SPLAY LANGUAGE		
	Display is star	ndard, please order language needed.		
		ill install the language group. The dealer will select language upon delivery set-up.		
Р	365-0900	SOFTWARE, ADVISOR		NC
/	MESSENGER	DISPLAY LANGUAGE		
	Display is star	ndard, please order language needed.		
		ill install the language group. The dealer will select language upon delivery set-up.		
P	365-0908	SOFTWARE, MESSENGER		NC
L	.IGHTS			
L	377-9873	LIGHTS, HALOGEN	0	NC
L	377-9874	LIGHTS, HID	0	\$11,990
-	416-9824	LIGHTS, LED	0	\$16,980
OPE	RATOR ENV	TRONMENT		
(CAB PACKA	GES		
		t seat belts are standard. 4-point seat belts are ugh parts distribution if needed.		
L	509-5662	CAB, BASIC	0	\$6,420

993K

USE	REF NO.	LANE 2 MANDATORY	Ship Weight lbs	LIST PRICE AT FACTOR
OPER	RATOR ENV	IRONMENT (CONT.)		
C	AB PACKA	GES (Cont.)		
L	509-5663	CAB, DELUXE	ounted in rubber 2080, the	\$16,750
M	IRRORS			
L	353-4228	MIRRORS, STANDARD	0	NC
L	353-4248	Provides external rear view mirrors. MIRRORS, HEATED Provides heated external rear view mirrors.	0	\$590
//\	TEGRATED	O OBJECT DETECTION SYSTEM		
L	331-7408	CAMERA, REAR VISION	nhance operator nformation only	NC
L	385-7563	DETECTION, OBJECT (RADAR) (C6)	to enhance s visual and n additional eel loader.	\$10,080
TECH	INOLOGY F	PRODUCTS		
PF	RODUCT LI	NK		
	location, opera	enables the remote transmission of information about the ation, and condition of your equipment. Efficiently and nitor performance of your assets to help keep your jobs		

Product Link enables the remote transmission of information about the location, operation, and condition of your equipment. Efficiently and effectively monitor performance of your assets to help keep your jobs on schedule, maintain equipment condition, and reduce the costs of owning and operating your fleet.

Authorization varies by country, please contact your Cat marketing representative with questions or click on the link below: HTTPS://DEALER.CAT.COM/en/bt/otd/machine-price-list.html From there click on the 'PRODUCT LINK Hardware Certification" link.

Product Link Pro series PL641 offers expanded coverage including 3G UMTS and CDMA2000 as well as 2G GSM and CDMA cellular networks to transmit location, utilization and health information for viewing in Product Link user applications. Cellular technology provides capabilities for frequent transmission and larger volumes of data.

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Caterpillar: Confidential Green

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993K

USE	REF NO.	LANE 2 MANDATORY	Ship Weight Ibs	LIST PRICE AT FACTORY
TECH	INOLOGY F	PRODUCTS (CONT.)		
PF	RODUCT LI	NK (Cont.)		
L	548-7112	PRODUCT LINK, SATELLITE PL631	t to transmit in Product	\$432
FUEL	SYSTEMS			
FU	JEL LINES			
L	488-0257	FUEL LINES, NON-HEATED		NC
L	487-1196	FUEL LINES, HEATED	0	\$2,965
cool	LING			
L	353-4001	COOLING, STANDARD AMBIENT	10F)	NC
L	353-4021	COOLING, HIGH AMBIENT	0	\$10,110
TIDE	DIN40 A	ND WILLELO		

TIRES, RIMS, AND WHEELS

Due to industry-wide tire availability limitations, tire brand and type cannot be guaranteed. Every effort will be made to satisfy your tire choice. However, if the tire type cannot be supplied we will contact the dealer to propose alternatives. The dealer needs to choose between an alternative tire or a "rims only" option (where available) within 72 hours. If no response is provided by the deadline, the order will default to the alternative tire and will be changed at that point. As a consequence of a possible tire change, the total machine price will be decreased or increased depending on the price of the new tire.

NOTE: All Tires are tubeless, include rims and come in a set of 4.

TIRES AVAILABLE FROM BRIDGESTONE/FIRESTONE

Supersedes 02JAN2018 Caterpillar: Confidential Green US-A-19-01 A Subject to change without notice Printed in USA U. S. DOLLAR CURRENCY Effective 02JAN2019 993K-006

993K

USE	REF NO.	LANE 2 MANDATORY	Ship Weight lbs	LIST PRICE AT FACTORY
TIRES	S, RIMS, AI	ND WHEELS (CONT.)		
TI	RES AVAIL	ABLE FROM MICHELIN		
Р	364-6317	TIRES, 50/65R51 MX ** L5	/32"); Rim=40"x51"	\$338,160
TI	RES, ALLO	WANCE FOR OMISSION		
Р	249-4337	RIMS ONLY, TIRES OMITTED	0	NC
ОТНЕ	ER ATTACH	IMENTS		
A	CCESS ARF	RANGEMENTS		
L	353-4118	ACCESS, STANDARD	0	NC
L	353-4208	ACCESS, POWEREDProvides integrated stairs with powered raise and lower and standard ladder on right side of machine.	er on left side	\$41,640 NI
INST	RUCTIONS			
FI	LMS			
P	509-8168	FILMS, ANSI	ADER HRC	NC

993K

USE	REF NO.	LANE 2 OPTIONAL	Ship Weight lbs	LIST PRICE AT FACTORY
SUS	PENSION S	YSTEMS		
R	RIDE CONTR	POL		
L	352-5415	RIDE CONTROL	621	\$24,400
LINE	GROUPS			
L	361-5949	LINES, DIAGNOSTIC	diagnostic pressure	NC
OPE	RATOR ENV	VIRONMENT		
L	239-4046	SUN SCREENPull down sun screen for both front and rear window		\$560
R	RADIOS			
	MAY SELECT	ONE ONLY		
L	474-3703	RADIO, AM/FM/AUX	0	\$725
L	379-0147	RADIO, AM/FM/AUX/USB/BT/CD/SAT BlueTooth radio technology enables the use of a har such as listening to music and making phone calls. Authorization varies by country, please contact your representative with questions or click on the link be https://dealer.cat.com/en/products/technology.ht Requires service contract with satellite radio provide	nds free function r Cat marketing elow: ml	\$1,735
TEC	HNOLOGY F	PRODUCTS		
7	ERRAIN REA	ADY OPTION		
	machine, this kit is not requ ordering instr	on-Board system must be ordered separate from the requires only the electronics kit, the installation tired. Please consult the TERALOAD price list for euctions and pricing information for these items. -board Hardware / Software is DEALER INSTALLED***		
L	337-5201	TERRAIN READY OPTION		\$1,450
TIRE	S, RIMS, A	ND WHEELS		
S	SPARE RIMS			
P	276-7645	RIM, SPARE, 40.00 X 51		\$13,570 NI

Supersedes 02JAN2018 Caterpillar: Confidential Green US-A-19-01 A Subject to change without notice Printed in USA U. S. DOLLAR CURRENCY Effective 02JAN2019 993K-008

993K

USE	REF NO.	LANE 2 OPTIONAL	Ship Weight Ibs	LIST PRICE AT FACTORY
OTHER	ATTACH	HMENTS		
STA	ARTING A	IDS		
M	AY SELECT	ONE ONLY		
L	348-2326	HEATER, ENGINE COOLANT, 120V		\$725
L	348-2327	HEATER, ENGINE COOLANT, 240V	0	\$1,130
MIS	CELLANE	FOUS		
L	353-4168	FENDERS, ROADING		\$3,630
L	300-1877	STOP, AXLE OSCILLATION LIMIT Provides an axle oscillation limiting group which is r if customer will be adding chains to the rear tires.		\$540
L	497-7845	WHEEL CHOCKS		\$2,725
FLUIDS	6			
AN	TIFREEZE			
Di	ifferent lubri	chine includes antifreeze protection to -34C (-29F) icants are also required for extreme temperatures. o operation and maintenance manual.		
P	0P-2411	COOLANT, -50C (-58F)	\cap	\$520 N

FACTORY SOURCED KITS

OBJECT DETECTION KITS

Please consult the DETECTCAT retrofit price list for dealer installed Object Detection kits on Large Wheel Loaders.

CUSTOM RETRO-FIT KITS for CURRENT 993K

ALSO AVAILABLE ON A MISCELLANEOUS ORDER

If ordering on a MISC MSO, you need to use 0P-1496 for TOP LEVEL and 0P-0812 for PACKING.

Kits must be ordered as NOT-INSTALLED.

No returns on Kit components or for parts removed.

993K

REF Ship Weight LIST PRICE LANE 2 OPTIONAL **USE** NO. AT FACTORY

ALTERNATE SOURCED ATTACHMENTS

BUCKETS - ALTERNATE SOURCED

All 993K buckets need to be ordered through a misc CMOPS order and submitted to CWTS, even if required for a new machine order.

Please cross-reference BOTH machine MSO and misc bucket MSO on one another. For example, please cross-reference the misc bucket MSO on the machine MSO and vice versa.

***PLEASE REFER TO YOUR WORK TOOLS PRICE LIST FOR PRICES & 0P NUMBERS.

"GET" is NOT automatically included on bucket orders. "GET" must be entered on the order with your bucket selection, unless text for bucket states otherwise. Please make the "GET" selection from the "GET" listed immediately following the bucket listing. Rock bucket selections list "GET" for spade or straight edge.

All buckets can be fitted to either standard or high lift machines and are equipped with weld-on adapters and bolt-on rear wear plates unless indicated differently in bucket description. Material density, application and truck loading target determines which bucket to order.

Material density will determine the appropriate capacity bucket. Refer to the Specalog. Exceeding maximum payload may cause loader instability.

All listed Maximum Recommended Material Densities are based on the maximum gross weight that the 993K is rated for minus the weight of the bucket and all required G.E.T. at 100% fill factor.

Rear and bottom of all buckets painted black.

ROCK BUCKETS

Use for bank or face loading in most tough digging conditions.

Ρ 496-9909 **BUCKET-ROCK, 200" 16.00YD3.....** 28,362

SPADE EDGE

Maximum Recommended Material Density: Standard Lift - 2231 kg/m3 (3760 lb/yd3) High Lift - 2045 kg/m3 (3447 lb/yd3) Rear and bottom of bucket painted black

INCLUDES: (8) weld-on double strap Advansys 170 adapters on a 90mm thick cutting edge, floor liner, radius liner, inner and outer side

wear plates, and 35mm weld-on heel plates.

OPTIONAL: sidebar protectors and base edge wear plates REQUIRES: (8) Advansys 170 tips and (1) segment group

Supersedes 02JAN2018 Caterpillar: Confidential Green US-A-19-01 A

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U. S. DOLLAR CURRENCY

Effective 02JAN2019 993K-010

993K

USE	REF NO.	LANE 2 OPTIONAL	Ship Weight Ibs	LIST PRICE AT FACTORY
ALTE	RNATE SO	URCED ATTACHMENTS (CONT.)		
RC	OCK BUCK	ETS (Cont.)		
P	496-9910	BUCKET-ROCK, 200" 17.00YD3	adapters on a 90mm nd outer side plates	**
P	496-9912	BUCKET-ROCK, 200" 18.00YD3	adapters on a 90mm of outer side cock deflectors).	**
P	496-9913	REQUIRES: (8) Advansys 170 tips and (1) segment BUCKET-ROCK, 200" 19.00YD3	adapters on a 90mm of outer side cock deflectors).	**
P	525-6110	REQUIRES: (8) Advansys 170 tips and (1) segment BUCKET-ROCK, 200" 20.0YD3	adapters on a 90mm of outer side frock deflectors).	**

Supersedes 02JAN2018
Caterpillar: Confidential Green
US-A-19-01 A

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993K

REF Ship Weight LIST PRICE LANE 2 OPTIONAL **USE** NO. AT FACTORY ALTERNATE SOURCED ATTACHMENTS (CONT.) HIGH ABRASION ROCK BUCKETS Use for bank or face loading in high abrasion and moderate impact conditions. Ρ 496-9914 **BUCKET-ROCK, 203" 16.00YD3.....** 33,069 SPADE EDGE Maximum Recommended Material Density: Standard Lift - 2231 kg/m3 (3760 lb/yd3) High Lift - 2045 kg/m3 (3447 lb/yd3) Rear and bottom of bucket painted black. INCLUDES: (8) weld-on Advansys 170 flushmount adapters on a 90mm thick cutting edge with weld-on base edge end protection and adapter covers, floor liner, radius liner, inside and outside wear plates, (1) 75mm bolt-on half arrow segment group with top covers, 45mm bolt-on base edge bottom wear plates, 35mm weld-on heel plates, (2) sets of sidebar protectors and wings (rock deflectors). REQUIRES: (8) Advansys 170 tips **BUCKET-ROCK 203" 17.00YD3.....**34,123 496-9916 SPADE EDGE Maximum Recommended Material Density: Standard Lift - 2094 kg/m3 (3529 lb/yd3) High Lift - 1919 kg/m3 (3235 lb/yd3) Rear and bottom of bucket painted black. INCLUDES: (8) weld-on Advansys 170 flushmount adapters on a 90mm thick cutting edge with weld-on base edge end protection and adapter covers, floor liner, radius liner, inside and outside wear plates, (1) 75mm bolt-on half arrow segment group with top covers, 45mm bolt-on base edge bottom wear plates, 35mm weld-on heel plates, (2) sets of sidebar protectors and wings (rock deflectors). REQUIRES: (8) Advansys 170 tips COAL BUCKETS 496-9920 BUCKET-COAL, 248" 28.80YD3 34, 366 STRAIGHT EDGE Maximum Recommended Material Density: Standard Lift - 1237 kg/m3 (2085 lb/yd3) High Lift - 1134 kg/m3 (1911 lb/yd3) Rear and bottom of bucket painted black.

P 455-3490

INCLUDES: (10) weld-on Advansys 170 double-strap adapters, (1) 75mm bolt-on half arrow segment group and 35mm weld-on heel plates.

Maximum Recommended Material Density: Standard Lift - 1245 kg/m3 (2100 lb/yd3) High Lift - 1130 kg/m3 (1900 lb/yd3) Rear and bottom of bucket painted black. INCLUDES: bolt-on cutting edge system

Supersedes 02JAN2018
Caterpillar: Confidential Green
US-A-19-01 A

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993K

USE	REF NO.	LANE 2 OPTIONAL	Ship Weight lbs	LIST PRICE AT FACTORY
		URCED ATTACHMENTS (CONT.) ETS (Cont.)		
P	496-9922	BUCKET-COAL, 248" 31.00YD3	p adapters, (1) 75mm	**
P	455-3480	BUCKET-COAL, 240" 31.0 YD3	32,677	**
H	EAVY-DUT	Y GRANITE BUCKETS		
P	496-9926	BUCKET-ROCK, 203" 17.00YD3	adapters on a 90mm ection and adapter es, bolt-on top w segment group ear plates, heel	**
IR	ON ORE BU	ICKETS		
С	496-9928	BUCKET-ROCK, 203" 13.00YD3. SPADE EDGE Iron Ore Design w/ Lower Capacity Maximum Recommended Material Density: Standard Lift - 2749 kg/m3 (4634 lb/yd3) High Lift - 2520 kg/m3 (4248 lb/yd3) Rear and bottom of bucket painted black. INCLUDES: (8) weld-on Advansys 170 flushmount at thick cutting edge with weld-on base edge end protecovers, floor liner, radius liner, inside and outside w(1) 75mm bolt-on half arrow segment group with to 45mm bolt-on base edge bottom wear plates, 35mm (2) sets of sidebar protectors and heel shrouds. REQUIRES: (8) Advansys 170 tips	adapters on a 90mm ection and adapter vear plates, p covers,	**

Supersedes 02JAN2018
Caterpillar: Confidential Green
US-A-19-01 A

Subject to change without notice Printed in USA U. S. DOLLAR CURRENCY Effective 02JAN2019 993K-013

993K

USE	REF NO.	LANE 2 OPTIONAL	Ship Weight lbs	LIST PRICE AT FACTORY			
ALTERNATE SOLIDOED ATTACHMENTS (CONT.)							

ALTERNATE SOURCED ATTACHMENTS (CONT.)

SERRATED EDGE BUCKETS

Serrated Edge Rock Buckets are based on the Standard Rock Bucket design and can be used for face loading rehandling low abrasion materials where greater penetration is required, such as limestone or coal applications. These buckets feature a serrated base edge design that does not require any additional G.E.T.

CECMENTS HA BOLT ON CET OF 7

С	316-5870	BUCKET-ROCK, 200" 20.0 YD330, 611	**
		SERRATED V-SPADE EDGE	
		Maximum Recommended Material Density:	
		Standard Lift - 1830 kg/m3 (3080 lb/yd3)	
		High Lift - 1675 kg/m3 (2820 lb/yd3)	
		Rear and bottom of bucket painted black.	

GET (Advansys 170)

(includes mounting hardware)

Р	309-1070	SEGMENTS,HA,BOLT-ON, SET OF 7	**			
Р	309-1071	SEGMENTS, BOLT-ON, SET OF 7	**			
		60mm thick				
Р	309-1043	SEGMENTS,HA,BOLT-ON, SET OF 7	**			
		75mm thick				
Р	368-3873	TIP, HEAVY PENETRATION	**			
		FOR USE WITH: Advansys 170 Adapters				
Р	368-3864	TIP, HEAVY ABRASION	**			
_		FOR USE WITH: Advansys 170 Adapters				
Р	368-3867	TIP, HEAVY DUTY	**			
_	007.0050	FOR USE WITH: Advansys 170 Adapters	de de			
Р	387-6856	TIP, HEAVY DUTY LONG LIFE(ARM)	**			
_	486-6522	FOR USE WITH: Advansys 170 Adapters	**			
Р	480-0522	TIP, HVY ABRAS LONG LIFE (ARM)	^^			
Р	368-3880	FOR USE WITH: Advansys 170 Adapters TIP, GENERAL DUTY	**			
г	300-3000	FOR USE WITH: Advansys 170 Adapters				
Р	368-3875	TIP, COAL	**			
•	300-3073	FOR USE WITH: Advansys 170 Adapters				
Р	101-3083	PROTECTORS, SIDEBAR, SET OF 2	**			
		Set of two, one for RH and one for LH side of the bucket.				
Р	242-8440	WINGS, BUCKET	**			
		Provides 6.5" (166mm) additional tire sidewall protection for both				
		sides of the bucket in difficult operating conditions.				
P	364-6639	PLATE GP-WEAR	**			
		Bolt-On Bottom, Rear Base Edge Wear Plates				
		45mm Thick Wear Plate				
INSTRUCTIONS						

Р	504-1365	FILM, AM-NORTH	NC
		REQUIRED BY: AM-NORTH	

993K

USE	REF NO.	LANE 2 OPTIONAL	Ship Weight Ibs	LIST PRICE AT FACTORY
PACK	KING			
MU	UST SELECT	ONE		
	0P-1855	PACK, DOMESTIC TRUCK	0	\$1,955 NET
	0P-6347	PACK, DOMESTIC TRUCK, UNPINNED		\$19,110 NET
	0P-1856	PACK, DOMESTIC RAIL	0	\$2,085 NET
	0P-0812	PACK, MISC SHIPMENTS		NC
SI	HIPPING			
L	502-4075	SHIPPING, UNPINNED	TIC TRUCK, UNPINNED TRUCK, UNPINNED CK, UNPINNED	\$17,080 NET