CB7

CB7 VIBRATORY ASPHALT COMPACTOR MINNEAPOLIS, MN, USA (SAP)

Ship Weight lbs LIST PRICE AT DEALER

Standard Equipment:

#### **POWERTRAIN**

CAT C3.4 inline four-cylinder, turbocharged diesel engine (75 kW / 101 HP) Cyclonic air cleaner Water separator Ultra clean fuel filter with intregrated electric prime fuel pump ECO mode throttle system Dual braking systems (service & parking) Two-speed hydrostatic transmission

## **ELECTRICAL**

12-volt electric starting
120 ampere alternator
Maintenance free battery - 1000 CCA
Halogen working lights - bumper mounted
(2 front-facing and 2 rear-facing)
Backup alarm and forward warning horn
Cat engine and vehicle ECM's - ET
compatible
Product link ready

# **OPERATOR ENVIRONMENT**Isolated ROPS/FOPS structure

Platform handrails / guardrails Four heavy-duty isolation mounts Power steering Adjustable, suspension seat 50 mm (2") wide retractable seat belt Adjustable, steering console and control/display console Indicator light package with audible warning alarm for: -hydraulic oil pressure -hydraulic oil temperature -engine oil pressure -engine coolant temperature -glow plugs -service fault indicator Fuel level gauge Water level gauge Service hour meter Lockable, vandalism guard for instrument panel Sliding, rotating seat Automatic speed control Auto-vibe with adjustable on/off control Vibe tachometer Speedometer

#### **DRUMS**

Smooth drum 1500 mm (59") wide x 1100 mm (43") diameter Two amplitudes with two vibe frequencies Front and rear self adjusting scraper blades Pod-style eccentric weight housing

#### **FLUIDS**

Premixed 50% concentration of extended life coolant with freeze protection to -37C (-35F)

## OTHER STANDARD EQUIPMENT

Locking engine enclosure Sealed for life hitch bearings Sight gauges: -hydraulic tank level -air restriction indicator Cap lock for hydraulic tank Articulated frame with safety lock Transport tie-down and lift points 208 L (55 gal) fuel tank capacity 745 L (197 gal) water tank capacity Quick connect hydraulic pressure test ports SOS ports: -engine oil Dual spray bar pumps Single water spray bar per drum

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Lane 2 is reserved for the Base Order Management Program. Please use Lane 2 when placing orders that are part of the Base Order Management program.

505-8465	CB7 01A VIBRATORY COMPACTOR	\$133,900
0P-4155	CB7 MISC MATL	NC

"ALSO AVAILABLE ON A MISCELLANEOUS ORDER" can be used on a MISC order.

Supersedes 02JAN2018 Caterpillar: Confidential Green US-A-19-01 A Subject to change without notice Printed in USA U. S. DOLLAR CURRENCY Effective 02JAN2019 CB7-002

CB7

USE	REF NO.	LANE 3 MANDATORY	Ship Weight Ibs	LIST PRIC
LANE	SELECTIO	N		
	0P-9002 0P-9003	LANE 2 ORDER	ent (BOM) program.	NC NC
POWI	ERTRAIN			
	VGINE			
L	565-6386	ENGINE, AB&T  EPA Tier 4 Final AB&T certified engine. (Tier 4 Interim credit-using engine)	0	NC
DF	RUM TYPE			
L	510-6125	DRUM, SOLID	0	NC
L	510-6126	DRUM, SPLIT		\$15,660
HI	TCH			
L	341-8800	HITCH, STANDARD	712	NC
L	341-8801	HITCH, OFFSET		\$3,380
HYDF	RAULICS			
VI	BRATORY	HYDRAULICS		
L	341-8752	SYSTEM, 5 AMPLITUDE		\$870
L	341-8765	SYSTEM, 2 AMP, 2 FREQ	pm).	NC
L	341-8773	SYSTEM, 2 AMP, 2 FREQ	n).	\$11,170
A	UXILIARY F	HYDRAULICS		
L	351-3398	STD MACHINE	55	\$2,610

CB7

USE	REF NO.	LANE 3 MANDATORY	Ship Weight Ibs	LIST PRIC
HYDF	RAULICS (	CONT.)		
A	UXILIARY I	HYDRAULICS (Cont.)		
L	361-4010	CHIPSPREADER PREP.  FOR USE WITH LANE 3 ONLY Valves and controls for chip spreader operation. REQUIRES: 513-6287 CHIPSPREADER READY and 515-2444 PANEL, PREMIUM	75	\$2,610
ELEC	TRICAL			
LI	GHTING			
L	501-6572	LIGHTS, WORKING	0	NC
L	501-6573	located in the bumpers.  LIGHTS, ROADING AND WORKING  Includes 2 front high beam headlights, 2 rear facing fl front and rear turn signals, and front and rear indicat lights. All lights are attached to the bumpers.  REQUIRES: 519-3979 LIGHTING PREP	lood lights,	\$835
OPER	RATOR ENV	<b>IRONMENT</b>		
O	PERATOR S	STATION		
L	513-5924	PLATFORM, ROPS/FOPS		NC
L	512-8539	rotating operator station.  CAB, ROPS/FOPS	0 g and	\$10,970
O	PERATOR S	STATION MOVEMENT		
L	343-6115	ROTATION, HALF		NC
L	356-0924	and 180 deg rotate levers.  ROTATION, FULL		\$2,040
C	ONTROL PA	ANEL		
L	510-6132	PANEL, STD	functions. drum selection,	NC
L	515-2444	spray control, and water pump selection  PANEL, PREMIUM	ne functions. ns plus the nautomatic n.	\$95

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CB7

USE	REF NO.	LANE 3 MANDATORY	Ship Weight Ibs	LIST PRICE AT DEALER
OPER	RATOR ENV	IRONMENT (CONT.)		
P	ROPEL LEVI	ER		
L	454-3054	CONTROL, STD	er for propel	NC
-	454-3055	CONTROL, PREMIUM		\$595
S	TEERING W	'HEEL		
-	489-6273	STEERING WHEEL, FIXED	0	NC
L	489-6274	LH located steering wheel with a fixed location.  STEERING WHEEL, PIVOTING	degrees vs enough orecision	\$675
0	PERATOR L	ANGUAGES		
-	527-8200	LANGUAGES, OPTION 1	ch, German,	NC
SI	EAT SELEC	TION		
-	343-6129	SEAT, STD VINYL		NC
-	355-3084	SEAT, HEATED VINYL  Heated vinyl suspension seat with fold-up arms rests, seat belt, weight adj., and tilt back.	retractable	\$314
-	344-0124	SEAT, STD CLOTH	able	\$209
-	355-3085	ONLY FOR USE WITH: 512-8539 CAB, ROPS/FOP SEAT, HEATED CLOTH	retractable  PS due to potential	\$366

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CB7

USE NO. LANE 3 MANDATORY Ibs AT DEALER	USE	REF NO.	LANE 3 MANDATORY	Ship Weight Ibs	LIST PRICE AT DEALER
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## **TECHNOLOGY PRODUCTS**

# PRODUCT LINK (Must Select One)

Product Link enables the remote transmission of information about the location, operation, and condition of your equipment. Efficiently and effectively monitor the performance of your assets to help keep your jobs on schedule, maintain equipment condition, and reduce the costs of owning and operating your fleet. Availability varies by country - please reference https://Dealer.cat.com/PL/Certification for certified countries. Please contact you Caterpillar marketing representative with questions.

L	451-3243	PRODUCT LINK, SATELLITE PL631	\$432
L	451-3240	PRODUCT LINK, CELLULAR PL641	NC
L	451-3245	PRODUCT LINK, SATELLITE PL631	\$432
L	451-3242	PRODUCT LINK, CELLULAR PL641	NC

## **FLUIDS**

## HYDRAULIC OIL

L	343-6157	OIL, HYD, FACTORY FILLED	311	NC
L	343-6158	OIL, HYD, BIO, FACTORY FILLED	324	\$620
L	355-3086	OIL, HYD, HIGH AMBIENT	324	\$366

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CB7

NC

USE	REF NO.	LANE 3 MANDATORY	Ship Weight Ibs	LIST PRICE AT DEALER
UUL	NO.		edi	AT DEALER

## **INSTRUCTIONS**

## **DECAL PACKAGES**

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**CB7** 

USE	REF NO.	LANE 3 OPTIONAL	Ship Weight Ibs	LIST PRICE AT DEALER
ELEC	TRICAL			
L	519-3979	LIGHTING, PREP	0	\$1,025
Р	351-3443	LIGHT, ROTATING BEACON		\$625
Р	356-1198	the machine.  LIGHTS, HALOGEN, ROPS	35	\$1,155 \$1,155 NI
		ALSO AVAILABLE ON A MISCELLANEOUS ORDER Includes 10 standard output halogen flood lamps: 2 and 2 rear facing lamps mounted to the ROPS canopy front drum surface and 1 facing the rear drum surface facing the lower drum edge, mounted to each of the result folded drum supports.  ONLY FOR USE WITH: 513-5924 PLATFORM, ROI 519-3979 LIGHTING PREPICANNOT BE USED WITH: 351-3440 LIGHTS, HIGH IN	y; 1 facing the ce; and 4 nachine's PS/FOPS and NTENSITY, ROPS or	
Р	351-3439	515-1429 LIGHTS, LED, R LIGHTS, HALOGEN, CAB		\$1,155 \$1,155 NI
		ALSO AVAILABLE ON A MISCELLANEOUS ORDER Includes 10 standard output halogen flood lamps: 2 and 2 rear facing lamps mounted to the cab roof; 1 fadrum surface and 1 facing the rear drum surface; and the lower drum edge, mounted to each of the machin drum supports.  ONLY FOR USE WITH: 512-8539 CAB, ROPS/FOR 519-3979 LIGHTING PREP	acing the front ad 4 facing e's folded PS and	
		CANNOT BE USED WITH: 351-3441 LIGHTS, HIGH II 515-1430 LIGHTS, LED, C	NTENSITY, CAB and	
P	515-1429	ALSO AVAILABLE ON A MISCELLANEOUS ORDER Includes 10 LED flood lamps: 2 front facing and 2 reamounted to the canopy; 1 facing the front drum surfather ear drum surface; and 4 facing the lower drum to each of the machine's folded drum supports.  ONLY FOR USE WITH: 513-5924 PLATFORM, ROID 519-3979 LIGHTING PREPICANNOT BE USED WITH: 356-1198 LIGHTS, HALOGO	ar facing lamps ace and 1 facing edge, mounted PS/FOPS and	\$2,105 \$2,105 NI
P	515-1430	351-3440 LIGHTS, HIGH II	NTENSITY, ROPS	\$2,105
		ALSO AVAILABLE ON A MISCELLANEOUS ORDER Includes 10 LED flood lamps: 2 front facing and 2 reamounted to the cab roof; 1 facing the front drum surface; and 4 facing the lower drum each of the machine's folded drum supports.  ONLY FOR USE WITH: 512-8539 CAB, ROPS/FOR 519-3979 LIGHTING PREP CANNOT BE USED WITH: 351-3439 LIGHTS, HALOG 351-3441 LIGHTS, HIGH I	ar facing lamps face and 1 facing edge, mounted to PS and GEN, CAB or	\$2,105 NI

CB7

USE	REF NO.	LANE 3 OPTIONAL	Ship Weight Ibs	LIST PRICE AT DEALER
ELEC	TRICAL (C	ONT.)		
P	351-3440	ALSO AVAILABLE ON A MISCELLANEOUS ORDER Includes 4 high intensity halogen flood lamps mour canopy, 2 front facing and 2 rear facing. Selection a 6 standard output halogen flood lamps: 1 facing the surface and 1 facing the rear drum surface, and 4 fdrum edge, mounted to each of the machine's folder ONLY FOR USE WITH: 513-5924 PLATFORM, ROSTORY STORY OF	onted to the ROPS also includes a front drum facing the lower d drum supports. OPS/FOPS and EP OGEN, ROPS or	\$3,650 \$3,650 N
P	351-3441	ALSO AVAILABLE ON A MISCELLANEOUS ORDER Includes 4 high intensity halogen flood lamps mount 2 front facing and 2 rear facing. Selection also included output halogen flood lamps: 1 facing the front drum facing the rear drum surface, and 4 facing the lower mounted to each of the machine's folded drum suppontly FOR USE WITH:  512-8539 CAB, ROPS/FOE 519-3979 LIGHTING, PRICANNOT BE USED WITH: 351-3439 LIGHTS, HALOE 515-1430 LIGHTS, LED,	nted to the cab roof, ades 6 standard surface and 1 r drum edge, ports.  DPS and EP OGEN, CAB or	\$3,650 \$3,650 N
TECH	INOLOGY F	PRODUCTS		
:	This is a facto count and ten infrastructure	CTION CONTROL  ry designed and integrated SBAS accuracy level pass reperature mapping system which requires no off-board  For higher level accuracy consult your Dealer representative to order the necessary base station,		

This is a factory designed and integrated SBAS accuracy level pass count and temperature mapping system which requires no off-board infrastructure. For higher level accuracy consult your Dealer Technology Representative to order the necessary base station, data radio and options keys for RTK corrected position signal. Additionally, the machine connectivity modem identified below, requires cellular data plan sold separately. To view IC Mapping data in the office, a VisionLink subscription with the 3D Project Monitoring module (an add-on to VisionLink) is required.

ONLY FOR USE WITH:

L	513-6264	SENSORS, MAT TEMPERATURE	\$3,460 \$3,460 NI
		ALSO AVAILABLE ON A MISCELLANEOUS ORDER	
		Includes front and rear bumper mounted infrared air purged temperature	
		sensors, displayed on the standard LCD display.	
L	510-4015	SENSOR, ACCELEROMETER	\$5,370
		0	\$5,500 NI
		ALSO AVAILABLE ON A MISCELLANEOUS ORDER	
		Hardware and an accelerometer mounted within the front drum. Output	
		is a unit-less CMV stiffness indication displayed at the operator	
		station	

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510-6125 DRUM, SOLID

CB7

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TECH	INOLOGY F	PRODUCTS (CONT.)		
C	A <i>T COMPA</i>	CTION CONTROL (Cont.)		
-	513-6290	SENSOR, ACCELEROMETER	0	\$5,370 \$5,370 N
		FOR USE WITH LANE 3 ONLY ALSO AVAILABLE ON A MISCELLANEOUS ORDER Hardware and an accelerometer mounted within the is a unit-less CMV stiffness indication displayed at station.	e front drum. Output	φ3,370 k
L	514-1273	ONLY FOR USE WITH: 510-6126 DRUM, SPLIT MAPPING, GNSS	ng of temperature, umper mounted s, system electronic and MS952	\$13,930
L	514-1274	MAPPING, GNSS, CAB  Factory install of all components needed for mappin and machine pass count. Includes front and rear bu infrared, air purged temperature sensors, harnesses controls including CB460 Display (17.8 cm/7.0 in) a antenna/receiver.  Includes: Sensor, Mat Temperature ONLY FOR USE WITH: 512-8539 CAB, ROPS/FO	ag of temperature, umper mounted s, system electronic and MS952	\$13,930
	Machine to Monday an electron wiring that en local wireless Contact your	O MACHINE COMMUNICATION  achine Communication is integrated hardware consisting control module, radio and antennas with connecting ables machines to communicate key compaction data wand/or cellular data networks.  local SITECH dealer and wireless data carrier for opport and cellular data packages.		
L	567-4607	MACHINE CONNECTIVITY, SNM941 FOR USE WITH LANE 3 ONLY SIM card enabled CDMA or GSM network with built ONLY FOR USE WITH: 514-1273 MAPPING, GNS 514-1274 MAPPING, GNS	in WIFI. SS or	\$3,525
ОТНЕ	R ATTACH	IMENTS		
O	PERATOR E	ENVIRONMENT		
P	513-6265	SEAT BELT, 3"	0	\$80
L	360-6861	AIR CONDITIONER		\$5,730
P	351-3438	ONLY FOR USE WITH: 512-8539 CAB, ROPS/FO SUN SCREEN	4	\$408

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CB7

USE	REF NO.	LANE 3 OPTIONAL	Ship Weight Ibs	LIST PRICE AT DEALER
ЭТНЕ	ER ATTACH	IMENTS (CONT.)		
0	PERATOR E	NVIRONMENT (Cont.)		
P	351-3433	MIRRORS, EXTERNAL	20	\$570
		ALSO AVAILABLE ON A MISCELLANEOUS ORDER Includes 2 external adjustable mirrors on the front Secondary set may be purchased and is to be mound Mounting provisions are provided standard on the frames.	nted on the rear frame.	\$570 N
•	462-0499	MIRRORS, EXTERNAL, FRONT		\$575 \$575 N
		ALSO AVAILABLE ON A MISCELLANEOUS ORDER Includes 2 external, adjustable mirrors on the front ONLY FOR USE WITH: 512-8539 CAB, ROPS/FO	of the cab.	
P	462-0500	MIRRORS, EXTERNAL, REAR	20	\$575 \$575 N
		ALSO AVAILABLE ON A MISCELLANEOUS ORDER Includes 2 external, adjustable mirrors on the rear ONLY FOR USE WITH: 512-8539 CAB, ROPS/FO		·
E	DGE MANA	<b>GEMENT</b>		
L	513-4763	EDGE CUTTER/COMPACTOR		\$7,720
		ALSO AVAILABLE ON A MISCELLANEOUS ORDER Includes both cutting and compacting wheel attach ONLY FOR USE WITH: 454-3055 CONTROL, PRI 510-6125 DRUM, SOLID		\$7,720 N
L	513-4768	EDGE CUTTER/COMPACTOR	0	\$7,720 \$7,720 N
		FOR USE WITH LANE 3 ONLY ALSO AVAILABLE ON A MISCELLANEOUS ORDER Includes both cutting and compacting wheel attach ONLY FOR USE WITH: 510-6126 DRUM, SPLIT a 454-3055 CONTROL, PRI	mensts. and	ψ1, 120 K
W	ATER SYS	TEM - UPGRADES		
P	511-2363	MATS, COCOA	0	\$1,295
		ALSO AVAILABLE ON A MISCELLANEOUS ORDER CANNOT BE USED WITH: 511-2364 MATS, WATER		\$1,295 N
P	511-2364	MATS, WATER DISTRIBUTION	0	\$1,645 \$1,645 N
<b>.</b>	351-3429	ALSO AVAILABLE ON A MISCELLANEOUS ORDER CANNOT BE USED WITH: 511-2363 MATS, COCOA FREEZE PROTECTION, ROPS/FOPS		\$590
		Includes a reservoir that holds windshield washer of that protects water lines, pumps, filters, and nozzles ONLY FOR USE WITH: 513-5924 PLATFORM, RO	s from freezing. OPS/FOPS	
P	351-3427	FREEZE PROTECTION, CAB	r RV antifreeze s from freezing.	\$590

CB7

USE	REF NO.	LANE 3 OPTIONAL	Ship Weight lbs	LIST PRICE AT DEALER
ОТНЕ	R ATTACH	HMENTS (CONT.)		
M	ISC ATTAC	CHMENTS		
P	351-3424	COVERS, DRUM	45	\$880
L	513-6287	CHIPSPREADER READY	and mayr model R PREP and	\$5,380
L	509-6731	FOR USE WITH LANE 3 ONLY Includes electronic control for full functions of option Maximum of 1 per machine. ONLY FOR USE WITH: 510-6126 DRUM, SPLIT	0	\$422
P	513-4771	ALSO AVAILABLE ON A MISCELLANEOUS ORDER Fold down steps mounted to the left-hand side of the Steps mount to the front and rear drum supports ar grab handles mounted to the frame side plates for as with water and fuel refilling.	0 e machine. nd have a	NC \$640 NI
FACT	ORY SOUP	RCED KITS		
P	487-5694	PIVOTING STEER WHEEL	ng wheel nward ugh movement	\$675 NI
P	513-6289	CHIPSPREADER READY FLD FOR USE WITH LANE 3 ONLY ALSO AVAILABLE ON A MISCELLANEOUS ORDER Includes valves, controls, mounted brackets, include hydraulics and mechanical interfaces and control sy Strassmayr model BS-WA-CAT chip spreader. Only for use with machines equipped with PANEL, P	es all electrical, estem for	\$7,990 NI
P	483-0536	ACCELEROMETER READY.  FOR USE WITH LANE 3 ONLY ALSO AVAILABLE ON A MISCELLANEOUS ORDER. Hardware mounted within the front drum to mount SITECH supplied CM310 accelerometer for CMV me a unit-less CMV stiffness indication displayed on SIT mapping system. ONLY FOR USE WITH: 510-6125 DRUM, SOLID	the aftermarket asurement. Output is	\$3,245 NI

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CB7

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DOCU	JMENTATIO	ON		
CE	RTIFICATE	ES .		
Р	354-8706	YEAR OF MANUFACTURE PLATE		NC
Р	0P-1870	CERTIFICATE OF ORIGIN	0	NC
PACK	ING			
	0P-0210	PACK, DOMESTIC TRUCK	0	NC
	0P-3651	PACKING, MISC MATERIAL		NC