

**CB10 VIBRATORY ASPHALT COMPACTOR
XUZHOU, CHINA**Ship Weight
lbsLIST PRICE
AT DEALER

Standard Equipment:

POWERTRAIN

CAT inline four-cylinder turbo-charged,
aftercooled, diesel engine
Cyclonic air cleaner
Water separator
Ultra clean fuel filter with integrated
electric priming 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
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
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
1700 mm (67") wide x 1200 mm (47")
diameter
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
Quick connect hydraulic pressure test
ports
SOS ports:
-engine oil
Dual spray bar pumps
Single water spray bar per drum

CB10 VIBRATORY ASPHALT COMPACTOR
XUZHOU, CHINA

Ship Weight
lbs

LIST PRICE
AT DEALER

**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.**

541-9921	CB10 02A VIBRATORY COMPACTOR 0	\$166,090
	LANE 3 - AVAILABLE FROM SAVANNAH EPC	
	AVAILABLE FOR: AM-N, ANZ	
OP-4186	CB10 MISC MATL 0	NC
	AVAILABLE FROM XUZHOU FACTORY	
	Only reference numbers that have the text	
	"ALSO AVAILABLE ON A MISCELLANEOUS ORDER" can be used on a MISC order.	

USE	REF NO.	LANE 2 / 3 MANDATORY	Ship Weight lbs	LIST PRICE AT DEALER
-----	------------	----------------------	--------------------	-------------------------

LANE SELECTION

OP-9003 LANE 3 ORDER 0 NC

POWERTRAIN**ENGINE**

L 550-7871 ENGINE, CAT C3.6 0 NC
 FOR USE WITH LANE 3 ONLY
 Meets U.S. EPA Tier 4 Final and EU Stage V emission standards.
 ONLY FOR USE WITH: 541-9921 CB10 02A VIBRATORY COMPACTOR

BELT

L 541-9992 BELT, ENG 0 NC
 FOR USE WITH LANE 3 ONLY
 Serpentine belt for standard machine.
 ONLY FOR USE WITH: 541-9921 CB10 02A VIBRATORY COMPACTOR

HITCH

L 556-3447 HITCH, STANDARD 0 NC
 FOR USE WITH LANE 3 ONLY
 Standard hitch without offset.
 ONLY FOR USE WITH: 541-9921 CB10 02A VIBRATORY COMPACTOR

L 556-3448 HITCH, OFFSET 0 \$3,430
 FOR USE WITH LANE 3 ONLY
 Switch control on propel lever gives + / - 170 mm (6.6") of drum
 offset.
 ONLY FOR USE WITH: 541-9921 CB10 02A VIBRATORY COMPACTOR

HYDRAULICS**CONVENTIONAL VIBRATION**

May select 1 Dual System OR 1 Front and 1 Rear System.

L 556-4405 DUAL SYSTEM, 2A/2F 0 NC
 FOR USE WITH LANE 3 ONLY
 Frequency of 40 Hz (2400 vpm) and 63.3 Hz (3800 vpm) for countries
 outside the governance of CE certification; 40 Hz (2400 vpm) and
 53.3 Hz (3200 vpm) for countries requiring CE certification.
 Console switch control for amplitude/frequency setting.
 ONLY FOR USE WITH: 541-9921 CB10 02A VIBRATORY COMPACTOR

L 559-3526 DUAL SYSTEM, VERSA-VIBE 0 \$5,990
 FOR USE WITH LANE 3 ONLY
 Frequency of 40 Hz (2400 vpm) and 63.3 Hz (3800 vpm). Console
 switch control for amplitude / frequency setting. Handwheel
 at drum to control amplitude.
 REQUIRES: 559-3523 DECAL, VERSA VIBE
 ONLY FOR USE WITH: 541-9921 CB10 02A VIBRATORY COMPACTOR

USE	REF NO.	LANE 2 / 3 MANDATORY	Ship Weight lbs	LIST PRICE AT DEALER
-----	------------	----------------------	--------------------	-------------------------

HYDRAULICS (CONT.)**CONVENTIONAL VIBRATION (Cont.)**

L	556-4402	FRONT SYSTEM, 2A/2F 0 FOR USE WITH LANE 3 ONLY Frequency of 40 Hz (2400 vpm) and 63.3 Hz (3800 vpm) for countries outside the governance of CE certification; 40 Hz (2400 vpm) and 53.3 Hz (3200 vpm) for countries requiring CE certification. Console switch control for amplitude/frequency setting. REQUIRES: 556-4412 REAR SYSTEM, OSCILLATION STD ONLY FOR USE WITH: 541-9921 CB10 02A VIBRATORY COMPACTOR		NC
L	556-4409	FRONT SYSTEM, VERSA-VIBE 0 FOR USE WITH LANE 3 ONLY Frequency of 40 Hz (2400 vpm) and 63.3 Hz (3800 vpm). Console switch control for amplitude / frequency setting. Handwheel at drum to control amplitude. REQUIRES: 559-3523 DECAL, VERSA VIBE and 556-4412 REAR SYSTEM, OSCILLATION STD ONLY FOR USE WITH: 541-9921 CB10 02A VIBRATORY COMPACTOR		\$2,995
L	556-4412	REAR SYSTEM, OSCILLATION STD 0 FOR USE WITH LANE 3 ONLY Oscillatory vibration at 40 Hz (2400 vpm) on the rear drum. ONLY FOR USE WITH: 541-9921 CB10 02A VIBRATORY COMPACTOR and 556-4402 FRONT SYSTEM, 2A/2F or 556-4409 FRONT SYSTEM, VERSA-VIBE		\$6,860

CORE MACHINE HYDRAULICS

L	546-4798	HYDRAULICS, SOLID DRUM, STD 0 FOR USE WITH LANE 3 ONLY Hydraulic system for machines with solid drums and no chippreader controls. ONLY FOR USE WITH: 541-9921 CB10 02A VIBRATORY COMPACTOR and 556-4405 DUAL SYSTEM, 2A/2F or 559-3526 DUAL SYSTEM, VERSA-VIBE or 556-4402 FRONT SYSTEM, 2A/2F or 556-4409 FRONT SYSTEM, VERSA-VIBE		NC
---	----------	--	--	----

ELECTRICAL**LIGHTING**

L	556-6075	LIGHTS, WORKING 0 FOR USE WITH LANE 3 ONLY Includes 2 front and 2 rear facing bezel mounted, clear, LED flood lights located in the bumpers. ONLY FOR USE WITH: 541-9921 CB10 02A VIBRATORY COMPACTOR		NC
L	583-4156	LIGHTS, WORKING W/SIGNALS 0 FOR USE WITH LANE 3 ONLY Includes 4 rear facing LED flood lights, front and rear LED turn signals, and front and rear LED indicator/parking lights. All lights are mounted to bezels located in the bumpers. ONLY FOR USE WITH: 541-9921 CB10 02A VIBRATORY COMPACTOR		\$950

USE	REF NO.	LANE 2 / 3 MANDATORY	Ship Weight lbs	LIST PRICE AT DEALER
-----	------------	----------------------	--------------------	-------------------------

ELECTRICAL (CONT.)**AUXILIARY LIGHTING**

P	556-6097	LIGHTS, LED, BASIC 0		\$1,350
			0	\$1,350 NI
		FOR USE WITH LANE 3 ONLY ALSO AVAILABLE ON A MISCELLANEOUS ORDER Includes 10 LED flood lamps: 2 front facing and 2 rear facing lamps mounted to the roof with 850 lumens of output each; 2 LED light bars, 1 facing the front drum surface and 1 facing the rear drum surface with 1,800 lumens of output each; and 4 lights facing the lower drum mounted to each of the machine's folded drum supports with 850 lumens of output each. ONLY FOR USE WITH: 541-9921 CB10 02A VIBRATORY COMPACTOR		
P	556-6100	LIGHTS, LED, PREMIUM 0		\$2,725
			0	\$2,725 NI
		FOR USE WITH LANE 3 ONLY ALSO AVAILABLE ON A MISCELLANEOUS ORDER Includes 10 LED flood lamps, 2 front facing and 2 rear facing lamps mounted to the roof with 2,000 lumens of output each; 2 LED light bars, 1 facing the front drum surface and 1 facing the rear drum surface with 1,800 lumens of output each; and 4 lights facing the edge, mounted to each of the machine's folded drum supports with 850 lumens of output each. ONLY FOR USE WITH: 541-9921 CB10 02A VIBRATORY COMPACTOR		
P	587-9551	COVER, NO LED LIGHTS 0		NC
		FOR USE WITH LANE 3 ONLY Includes 4 covers for shrouding the cavities in the canopy to where auxiliary lighting options would have been. ONLY FOR USE WITH: 541-9921 CB10 02A VIBRATORY COMPACTOR		

OPERATOR ENVIRONMENT**OPERATOR STATION**

L	556-4309	PLATFORM, ROPS/FOPS 0		NC
		FOR USE WITH LANE 3 ONLY Includes grab handrails and foundation for the sliding and rotating operator station. ONLY FOR USE WITH: 541-9921 CB10 02A VIBRATORY COMPACTOR		

OPERATOR STATION MOVEMENT

L	583-4760	ROTATION, HALF 0		NC
		FOR USE WITH LANE 3 ONLY Includes operator station slide and 180 deg rotate mechanism. ONLY FOR USE WITH: 541-9921 CB10 02A VIBRATORY COMPACTOR		
L	583-4761	ROTATION, FULL 0		\$2,070
		FOR USE WITH LANE 3 ONLY Includes operator station slide and 359 deg rotate mechanism, and position sensors. ONLY FOR USE WITH: 541-9921 CB10 02A VIBRATORY COMPACTOR		

USE	REF NO.	LANE 2 / 3 MANDATORY	Ship Weight lbs	LIST PRICE AT DEALER
-----	------------	----------------------	--------------------	-------------------------

OPERATOR ENVIRONMENT (CONT.)**IGNITION SWITCH**

L	560-1623	SWITCH, STD IGNITION 0		NC
		FOR USE WITH LANE 3 ONLY		
		Key switch engine start and stop.		
		ONLY FOR USE WITH: 541-9921 CB10 02A VIBRATORY COMPACTOR		

PROPEL LEVER

L	586-7552	CONTROL, STANDARD 0		NC
		FOR USE WITH LANE 3 ONLY		
		Basic 4 button propel lever for propel control, vibratory on/off selection, water on/off spray, and offset hitch left/right adjustment.		
		ONLY FOR USE WITH: 541-9921 CB10 02A VIBRATORY COMPACTOR		

STEERING WHEEL

L	561-2140	STEERING WHEEL, STD 0		NC
		FOR USE WITH LANE 3 ONLY		
		Steering wheel, on the left-hand side of the operator station, is mounted in a fixed, horizontal location.		
		ONLY FOR USE WITH: 541-9921 CB10 02A VIBRATORY COMPACTOR		
L	556-4489	STEERING WHEEL, ELEVATED 0		\$1,200
		FOR USE WITH LANE 3 ONLY		
		Steering wheel, on the left-hand side of the operator station, can rotate upwards towards (or away from) the operator to offer a more traditional placement and feel of machine steering control.		
		ONLY FOR USE WITH: 541-9921 CB10 02A VIBRATORY COMPACTOR		

SEAT SELECTION

L	556-4371	SEAT, STANDARD VINYL 0		NC
		FOR USE WITH LANE 3 ONLY		
		Vinyl suspension seat with fold-up arm rest, weight adj., and tilt back.		
		ONLY FOR USE WITH: 541-9921 CB10 02A VIBRATORY COMPACTOR		
L	583-7947	SEAT, HEATED VINYL 0		\$319
		FOR USE WITH LANE 3 ONLY		
		Heated vinyl seat with air suspension adjustment, manual lumbar control, manual slide adjustment, and manual tilt back.		
		ONLY FOR USE WITH: 541-9921 CB10 02A VIBRATORY COMPACTOR		

SEAT BELT

L	593-9841	SEAT BELT, 3" 0		NC
		FOR USE WITH LANE 3 ONLY		
		76 mm (3") wide, high visibility orange, polyester fiber webbed belt.		
		ONLY FOR USE WITH: 541-9921 CB10 02A VIBRATORY COMPACTOR		

USE	REF NO.	LANE 2 / 3 MANDATORY	Ship Weight lbs	LIST PRICE AT DEALER
-----	------------	----------------------	--------------------	-------------------------

OPERATOR ENVIRONMENT (CONT.)**FRONT STEPS**

P	581-6884	STEPS, REFILL ASSIST, FRONT 0		NC
		FOR USE WITH LANE 3 ONLY		
		Fold down step mounted to the left-hand side of the machine.		
		Step mounts to the front drum support and includes a grab		
		handle mounted to the frame side plate for assisting with water		
		refilling.		
		ONLY FOR USE WITH: 541-9921 CB10 02A VIBRATORY COMPACTOR		

TECHNOLOGY PRODUCTS**PRODUCT LINK**

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 your Caterpillar marketing representative with questions.

L	585-8769	PRODUCT LINK, CELLULAR PLE743 0		NC
		FOR USE WITH LANE 3 ONLY		
		Product Link Elite series PLE743 (consisting of PL243 radio and PLE702 network manager) uses cellular networks to transmit location, utilization, health and productivity information for viewing in Product Link user applications. Provides support for remote services and other advanced feature. Cellular technology enables more frequent transmission and larger volumes of data.		
		ONLY FOR USE WITH: 541-9921 CB10 02A VIBRATORY COMPACTOR		
L	585-7224	PRODUCT LINK, DUAL PLE783 0		\$439
		FOR USE WITH LANE 3 ONLY		
		Product Link Elite series dual mode PLE783 (consisting of PL083 radio and PLE702 network manager) uses a combination of cellular and satellite networks to transmit, location, utilization and health information for viewing in Product Link user applications. For use where travel between areas of both cellular and satellite coverage is required.		
		ONLY FOR USE WITH: 541-9921 CB10 02A VIBRATORY COMPACTOR		

RADAR INSTALLATION

L	570-4268	BUMPER COVER, STD 0		NC
		FOR USE WITH LANE 3 ONLY		
		Bumper covers for machine without the optional radar system.		
		ONLY FOR USE WITH: 541-9921 CB10 02A VIBRATORY COMPACTOR		

FLUIDS**HYDRAULIC OIL**

L	556-7020	OIL, HYD, STANDARD 0		NC
		FOR USE WITH LANE 3 ONLY		
		ONLY FOR USE WITH: 541-9921 CB10 02A VIBRATORY COMPACTOR		

USE	REF NO.	LANE 2 / 3 MANDATORY	Ship Weight lbs	LIST PRICE AT DEALER
-----	------------	----------------------	--------------------	-------------------------

FLUIDS (CONT.)***HYDRAULIC OIL (Cont.)***

L	556-7021	OIL, HYD, BIODEGRADABLE 0		\$630
		FOR USE WITH LANE 3 ONLY		
		Biodegradable oil recommended for hydraulic system when environmental compliance is required or desired.		
		ONLY FOR USE WITH: 541-9921 CB10 02A VIBRATORY COMPACTOR		

INSTRUCTIONS***DECAL PACKAGES***

L	556-3657	INSTRUCTIONS, ANSI 0		NC
		FOR USE WITH LANE 3 ONLY		
		ANSI picto warning decals using symbols plus the word "WARNING" as required for North America (except Quebec, Canada).		
		ONLY FOR USE WITH: 541-9921 CB10 02A VIBRATORY COMPACTOR		

USE	REF NO.	OPTIONAL ATTACHMENTS	Ship Weight lbs	LIST PRICE AT DEALER
-----	------------	----------------------	--------------------	-------------------------

TECHNOLOGY PRODUCTS***CAT COMPACTION CONTROL***

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

L	552-1722	SENSORS, MAT TEMPERATURE	0	\$3,150
			0	\$3,150 NI
		FOR USE WITH LANE 3 ONLY ALSO AVAILABLE ON A MISCELLANEOUS ORDER Includes bumper mounted (front and rear) infrared, air purged, temperature sensors. Temperature information is displayed on the machine display. REQUIRES: 567-6815 MOUNT, INSTRUMENTATION ONLY FOR USE WITH: 541-9921 CB10 02A VIBRATORY COMPACTOR		
L	510-4015	SENSOR, ACCELEROMETER.	0	\$5,450
			0	\$5,450 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. ONLY FOR USE WITH: 516-8451 DRUM, SOLID or 504-6839 DRUM, SOLID W/OSCILLATION STD or 556-4405 DUAL SYSTEM, 2A/2F or 559-3526 DUAL SYSTEM, VERSA-VIBE or 556-4402 FRONT SYSTEM, 2A/2F or 556-4409 FRONT SYSTEM, VERSA-VIBE		
L	552-1727	MAPPING, GNSS	0	\$14,140
		FOR USE WITH LANE 3 ONLY Factory install of all components needed for mapping of temperature and machine pass count. Includes front and rear bumper mounted infrared, air purged temperature sensors, harnesses, system electronic controls including CB460 Display (17.8 cm/7.0 in) and MS952 antenna/receiver. Includes: Sensor, Mat Temperature ONLY FOR USE WITH: 541-9921 CB10 02A VIBRATORY COMPACTOR and 556-4309 PLATFORM, ROPS/FOPS		

OTHER ATTACHMENTS***OPERATOR ENVIRONMENT***

L	594-9448	HEADREST, SEAT, VINYL	0	\$150
			0	\$150 NI
		FOR USE WITH LANE 3 ONLY ONLY FOR USE WITH: 541-9921 CB10 02A VIBRATORY COMPACTOR and 556-4371 SEAT, STANDARD VINYL or 583-7947 SEAT, HEATED VINYL		

USE	REF NO.	OPTIONAL ATTACHMENTS	Ship Weight lbs	LIST PRICE AT DEALER
-----	------------	----------------------	--------------------	-------------------------

OTHER ATTACHMENTS (CONT.)**OPERATOR ENVIRONMENT (Cont.)**

P	556-4354	MIRRORS, EXTERNAL.	0	\$600
			0	\$600 NI
		FOR USE WITH LANE 3 ONLY		
		ALSO AVAILABLE ON A MISCELLANEOUS ORDER		
		Includes 2 external adjustable mirrors on the front frame. Secondary set may be purchased and is to be mounted on the rear frame. Mounting provisions are provided standard on the front and rear frames.		
		ONLY FOR USE WITH: 541-9921 CB10 02A VIBRATORY COMPACTOR		

WATER SYSTEM - UPGRADES

P	577-2607	MATS, COCOA	0	\$1,315
			0	\$1,315 NI
		FOR USE WITH LANE 3 ONLY		
		ALSO AVAILABLE ON A MISCELLANEOUS ORDER		
		ONLY FOR USE WITH: 541-9921 CB10 02A VIBRATORY COMPACTOR		
		CANNOT BE USED WITH: 577-2608 MATS, WATER DISTRIBUTION		
P	577-2608	MATS, WATER DISTRIBUTION	0	\$1,670
			0	\$1,670 NI
		FOR USE WITH LANE 3 ONLY		
		ALSO AVAILABLE ON A MISCELLANEOUS ORDER		
		ONLY FOR USE WITH: 541-9921 CB10 02A VIBRATORY COMPACTOR		
		CANNOT BE USED WITH: 577-26607 MATS, COCOA		
P	564-2040	FREEZE PROTECTION, ROPS/FOPS	0	\$600
		FOR USE WITH LANE 3 ONLY		
		Includes a reservoir that holds windshield washer or RV antifreeze that protects water lines, pumps, filters, and nozzles from freezing.		
		ONLY FOR USE WITH: 541-9921 CB10 02A VIBRATORY COMPACTOR and 556-4309 PLATFORM, ROPS/FOPS		

MISC ATTACHMENTS

P	567-6815	MOUNT, OPTIONAL SENSOR(S)	0	\$200
			0	\$200 NI
		FOR USE WITH LANE 3 ONLY		
		ALSO AVAILABLE ON A MISCELLANEOUS ORDER		
		Bracket for mounting optional radar, bumper camera, and/or asphalt mat temperature sensors.		
		ONLY FOR USE WITH: 541-9921 CB10 02A VIBRATORY COMPACTOR and 552-1722 SENSORS, MAT TEMPERATURE		
P	559-3523	DECAL, VERSA VIBE	0	NC
		FOR USE WITH LANE 3 ONLY		
		Decal to accompany selection of the Versa-Vibe vibratory system.		
		ONLY FOR USE WITH: 541-9921 CB10 02A VIBRATORY COMPACTOR and 556-4409 FRONT SYSTEM, VERSA-VIBE or 559-3526 DUAL SYSTEM, VERSA-VIBE		

USE	REF NO.	OPTIONAL ATTACHMENTS	Ship Weight lbs	LIST PRICE AT DEALER
-----	------------	----------------------	--------------------	-------------------------

OTHER ATTACHMENTS (CONT.)**MISC ATTACHMENTS (Cont.)**

P	594-4551	STEPS, REFILL ASSIST, REAR	0	\$400
			0	\$400 NI
		FOR USE WITH LANE 3 ONLY ALSO AVAILABLE ON A MISCELLANEOUS ORDER Fold down step mounted to the left-hand side of the machine. Step mounts to the rear drum support and includes a grab handle mounted to the frame side plate for assisting with water refilling. ONLY FOR USE WITH: 541-9921 CB10 02A VIBRATORY COMPACTOR		

FACTORY SOURCED KITS

P	577-7285	DRUM KIT, REAR, OSC, FLD	0	\$21,160 NI
		FOR USE WITH LANE 3 ONLY ALSO AVAILABLE ON A MISCELLANEOUS ORDER 1700 mm (67") rear oscillatory drum consisting of a standard shell material for field installation into a CB10. ONLY FOR USE WITH: 541-9921 CB10 02A VIBRATORY COMPACTOR		

DOCUMENTATION**CERTIFICATES**

P	354-8706	YEAR OF MANUFACTURE PLATE	0	NC
		Plate attached to PIN plate showing year of Final Plant Shipping date. Required for all machines shipping to Brazil. CANNOT BE USED WITH: 431-1629 CE CERTIFICATION		
P	0P-4990	CERTIFICATE OF ORIGIN	0	\$171

PACKING**EXPORT PACKING**

	0P-4507	ROLL ON-ROLL OFF	0	\$605 NET
	0P-6706	BUNDLE EXPORT PACKING	0	NC
		This OP should be ordered for all miscellaneous orders.		