

# DEPARTMENT of PUBLIC WORKS

County of Lassen



**LARRY MILLAR**, Director  
Public Works/Road/Transportation  
County Engineer

707 Nevada Street, Suite 4  
Susanville, CA 96130

☎ 530) 251-8288  
FAX: (530) 251-2675

B-1  
2018/73

March 20, 2018

TO: Board of Supervisors

FROM: Larry Millar, Director

SUBJECT: Award bid for one (1) new Caterpillar Model CB7 Vibratory Compactor to Cashman Equipment Company, Sparks, Nevada.

RECOMMENDATION: Award bid off State of California Department of General Services, Multiple Award Schedule (CMAS) contract to Cashman Equipment Company, Sparks, Nevada in the amount of \$106,177.50.

DISCUSSION: The Lassen County Public Works Department-Road Division needs to replace a 1978 Hyster Roller (R-7) which is in poor condition and worn out.

Quotes for a compactor/roller were requested from both Cashman Equipment and Pape Machinery from the State of California, Department of General Services, Multiple Award Schedule (CMAS) contract. We requested pricing for comparable compactors with comparable options, including a 1 year warranty period.

Cashman Equipment bid a Caterpillar CB7 Vibratory Compactor off their CMAS contract number 4-15-23-0042A, Base Contract GS-30F-0018U for a total cost of \$106,177.50 which includes a 12 month warranty with unlimited hours and free travel time and mileage.

Pape Machinery bid a Dynapac CC2200 off their CMAS contract number 4-08-23-0022A, Base Contract GS-30F-0013U for a total cost of \$115,442.83 which includes a 12 month/1500 hour warranty with free travel and mileage.

Both of these units are new with fully compliant engines of similar size (horsepower) and were bid with similar accessories. The accessories included both standard and required accessories, including dual smooth vibrating drums and safety accessories (lighting, back-up alarm, etc.).

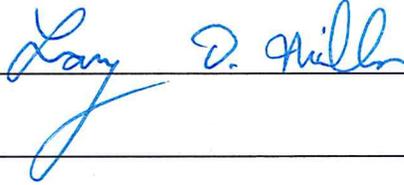
Both compactors are felt to be equivalent machines and therefore it is our recommendation that we purchase the Caterpillar CB7 Compactor from Cashman Equipment, Sparks, Nevada, the low bid, off their CMAS state bid in the amount of \$106,177.50. See attached quotations.

ALTERNATIVE: Not Approve.

FINANCIAL IMPACT: Expenditure in the amount of \$106,177.50 from Road Operating Budget 122-1221 where \$120,000 was budgeted for this purchase.

OTHER AGENCY INVOLVEMENT: State of California, Department of General Services.

DEPARTMENT APPROVAL:

A handwritten signature in blue ink, appearing to read "Gary D. Miller", is written over a horizontal line. The signature is cursive and extends slightly below the line.

REVIEWED FOR AGENDA:

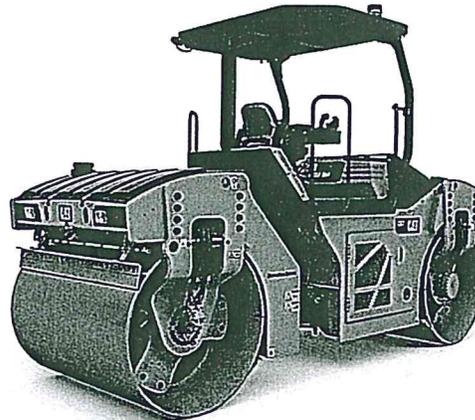


112240-01

December 12, 2017

LASSEN COUNTY ROAD DEPT  
BLANKET PO PO964005  
SUSANVILLE, California 96130-3912

Attention: NICK DILLON



Dear Nick Dillon,

Thank you for this opportunity to quote Caterpillar products for your business needs. We are pleased to quote the following for your purchase consideration.

One (1) New CAT Model: CB7 Paving Compaction with all standard equipment in addition to the additional specifications listed below:

**STOCK NUMBER:**                      **SERIAL NUMBER:**                      **YEAR:**                      **SMU:**

Thank you for your interest in Cashman Equipment and Caterpillar products for your business needs. Our goal is to be a value added partner in your success. This quotation is valid for 30 days, after which time we reserve the right to re-quote. If there are any questions, please do not hesitate to contact me.

Sincerely,  
Deric Wagner  
Machine Sales Representative  
Cashman Equipment Company  
DericWagner@cashmanequipment.com  
775-842-3953

**One (1) New CAT Model: CB7 Paving Compaction with all standard equipment in addition to the additional specifications listed below:**

**STANDARD EQUIPMENT**

**POWERTRAIN** - Cat C3.4 ACERT Engine - (101 HP / 75 kW, four-cylinder turbo- - charged) - Cyclonic air cleaner - Water separator - Ultra clean fuel filter with integrated - 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, vinyl seat - 50 mm (2") wide retractable seat belt - Adjustable, tilt-steering column/ - instrument panel - 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

**MACHINE SPECIFICATIONS**

CB7 VIBRATORY COMPACTOR	505-8465
LANE 2 - AVAILABLE FROM MINNEAPOLIS FACTORY	
LANE 3 - AVAILABLE FROM MINNEAPOLIS FACTORY	
LANE 3 ORDER	0P-9003
ENGINE, EPA FLEX	516-8184
DRUM, SOLID	510-6125
HITCH, STANDARD	341-8800
SYSTEM, 2 AMP, 2 FREQ	341-8765
STD MACHINE	351-3398
OIL, HYD, FACTORY FILLED	343-6157
LIGHTS, WORKING	501-6572
PLATFORM, ROPS/FOPS	513-5924
ROTATION, HALF	343-6115
PANEL, PREMIUM	515-2444
CONTROL, STD	454-3054
LANGUAGES, OPTION 1	527-8200
SEAT, STD VINYL	343-6129
PRODUCT LINK, CELLULAR PL641	451-3240
INSTRUCTIONS, NORTH AMERICAN	505-8561
STEERING WHEEL, PIVOTING	489-6274
LIGHT, ROTATING BEACON	351-3443
SENSORS, MAT TEMPERATURE	513-6264
SEAT BELT, 3"	513-6265
MIRRORS, EXTERNAL, FRONT	462-0499
MATS, COCOA	511-2363

To include Parts CD and Operation and Matenance Book

Incudes freight to Susanville CA.

**WARRANTY & COVERAGE**

Standard Warranty: 12 Month/Unlimited \* All standard warranties include travel time & mileage for first twelve months.  
Scheduled Oil sampling is required during entire warranty period.

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SALES PRICE	\$99,000.00
SUBTOTAL	\$99,000.00
SALES TAX (7.25%)	\$7,177.50
<b>GRAND TOTAL</b>	<b>\$106,177.50</b>

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F.O.B/TERMS:  
Reno

**OPTIONS:**

Components	Ref No.	Qty	Sell
<b>Customer Support Agreement</b>			
1 Year/1,000 Hours PM Lube Service			\$2,609.00

Accepted by \_\_\_\_\_ on \_\_\_\_\_

\_\_\_\_\_  
Signature



600 Glendale Avenue Sparks, NV 89431 800-937-2326

CUSTOMER <u>LASSEN COUNTY ROAD DEPT</u>			
STREET ADDRESS <u>BLANKET PO P0964005 707 NEVADA ST STE 4</u>		<SAME>	
CITY/STATE <u>SUSANVILLE, CALIFORNIA</u>	COUNTY <u>LASSEN</u>		
POSTAL CODE <u>96130-3912</u>	PHONE NO. <u>(530) 251-8311</u>		
EQUIPMENT <u>NICK DILLON</u>			
PRODUCT SUPPORT <u>NICK DILLON</u>			
INDUSTRY CODE: <u>COUNTY GOVERNMENT (GV92)</u>		PRINCIPAL WORK CODE _____ F.O.B. AT: <u>Reno</u>	
CUSTOMER NUMBER <u>054121</u>	Sales Tax Exemption # (if applicable) - TYPE: <u>N/A</u>	CUSTOMER PO NUMBER _____	LKE (Yes / No) <u>N/A</u>
PAYMENT TERMS: <span style="float:right">(All terms and payments are subject to Finance Company - OAC approval)</span>			
NET PAYMENT ON RECEIPT OF INVOICE <input checked="" type="checkbox"/>		FINANCIAL SERVICES <input type="checkbox"/> ISC	
CASH WITH ORDER <u>\$0.00</u>	BALANCE TO FINANCE <u>\$0.00</u>	CONTRACT INTEREST RATE <u>0.00</u>	RELEASE NUMBER _____
PAYMENT PERIOD _____	PAYMENT AMOUNT <u>\$0.00</u>	NUMBER OF PAYMENTS <u>0</u>	
DESCRIPTION OF EQUIPMENT ORDERED / PURCHASED			
MAKE: <u>TBA</u>	MODEL: <u>CB7</u>	YEAR: <u>TBA</u>	
ID NUMBER: <u>TBA</u>	SERIAL NUMBER: <u>TBA</u>	SMU: <u>TBA</u>	
<u>CB7 VIBRATORY COMPACTOR</u>		<u>Incudes freight to Susanville CA.</u>	
<u>LANE 2 - AVAILABLE FROM MINNEAPOLIS FACTORY</u>			
<u>LANE 3 - AVAILABLE FROM MINNEAPOLIS FACTORY</u>			
<u>LANE 3 ORDER</u>			
<u>ENGINE, EPA FLEX</u>			
<u>DRUM, SOLID</u>			
<u>HITCH, STANDARD</u>			
<u>SYSTEM, 2 AMP, 2 FREQ</u>			
<u>STD MACHINE</u>			
<u>OIL, HYD, FACTORY FILLED</u>			
<u>LIGHTS, WORKING</u>			
<u>PLATFORM, ROPS/FOPS</u>			
<u>ROTATION, HALF</u>			
<u>PANEL, PREMIUM</u>			
<u>CONTROL, STD</u>			
<u>LANGUAGES, OPTION 1</u>			
<u>SEAT, STD VINYL</u>			
<u>PRODUCT LINK, CELLULAR PL641</u>			
<u>INSTRUCTIONS, NORTH AMERICAN</u>			
<u>STEERING WHEEL, PIVOTING</u>			
<u>LIGHT, ROTATING BEACON</u>			
<u>SENSORS, MAT TEMPERATURE</u>			
<u>SEAT BELT, 3"</u>			
<u>MIRRORS, EXTERNAL, FRONT</u>			
<u>MATS, COCOA</u>			
<u>To include Parts CD and Operation and Matenance Book</u>			
TRADE-IN EQUIPMENT			
MODEL: _____	YEAR: _____	SN.: _____	TERMS OF SALE _____
PAYOUT TO: _____	AMOUNT: _____	PAID BY: _____	SALES PRICE <u>\$99,000.00</u>
MODEL: _____	YEAR: _____	SN.: _____	SUBTOTAL <u>\$99,000.00</u>
PAYOUT TO: _____	AMOUNT: _____	PAID BY: _____	SALES TAX (7.25%) <u>\$7,177.50</u>
MODEL: _____	YEAR: _____	SN.: _____	GRAND TOTAL <u>\$106,177.50</u>
PAYOUT TO: _____	AMOUNT: _____	PAID BY: _____	
ALL TRADES-INS ARE SUBJECT TO EQUIPMENT BEING IN "AS INSPECTED CONDITION" BY CASHMAN AT TIME OF DELIVERY. CUSTOMER HEREBY SELLS THE TRADE-IN EQUIPMENT DESCRIBED ABOVE TO CASHMAN AND WARRANTS IT TO BE FREE AND CLEAR OF ALL LIENS AND OTHER ENCUMBRANCES.			

CASHMAN IS NEITHER A MANUFACTURER OF THE EQUIPMENT NOR AN AGENT THEREOF. ALTHOUGH CASHMAN MAY ADMINISTER WARRANTIES ISSUED BY THE MANUFACTURER, CUSTOMER ACKNOWLEDGES AND AGREES THAT: (1) ANY EXPRESS WARRANTIES BY THE MANUFACTURER FOR THE EQUIPMENT ARE NOT THE RESPONSIBILITY OF CASHMAN; (2) THE MANUFACTURER'S WARRANTY MAY CONTAIN LIMITATIONS; AND (3) CUSTOMER MAY INCUR CERTAIN REPAIR, TRANSPORTATION OR OTHER CHARGES BY CASHMAN WHICH ARE NOT COVERED BY THE MANUFACTURER'S WARRANTY.

CASHMAN DOES NOT MAKE ANY WARRANTY WITH RESPECT TO THE EQUIPMENT, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION AS TO CONDITION, COMPLIANCE WITH SPECIFICATIONS OR REGULATIONS, QUALITY, DURABILITY, SUITABILITY, NON-INFRINGEMENT, MERCHANTABILITY, FITNESS FOR USE OR FITNESS FOR A PARTICULAR PURPOSE, OR ANY OTHER WARRANTY WHATSOEVER EXCEPT AS SET FORTH SPECIFICALLY IN THIS AGREEMENT. CASHMAN IS NOT LIABLE TO CUSTOMER OR ANY THIRD PARTY FOR ANY LOSS OF USE, REVENUE OR PROFIT, OR FOR ANY CONSEQUENTIAL, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY OR PUNITIVE DAMAGES, WHETHER ARISING OUT OF BREACH OF CONTRACT, TORT (INCLUDING NEGLIGENCE) OR OTHERWISE, REGARDLESS OF WHETHER SUCH DAMAGES WERE FORESEEABLE AND WHETHER OR NOT CASHMAN HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES, AND NOTWITHSTANDING THE FAILURE OF ANY AGREED OR OTHER REMEDY OF ITS ESSENTIAL PURPOSE. IN NO EVENT SHALL CASHMAN'S AGGREGATE LIABILITY ARISING OUT OF OR RELATED TO THIS AGREEMENT, WHETHER ARISING OUT OF OR RELATED TO BREACH OF CONTRACT, TORT (INCLUDING NEGLIGENCE) OR OTHERWISE, EXCEED THE TOTAL OF THE AMOUNTS PAID TO CASHMAN FOR THE EQUIPMENT SOLD HEREUNDER OR \$25,000, WHICHEVER IS LESS.

THIS AGREEMENT CONSISTS OF (a) THIS SALES AGREEMENT, (b) THE SALES AGREEMENT TERMS AND CONDITIONS IN EFFECT ON THE DATE FIRST REFERENCED ABOVE AVAILABLE AT [HTTP://WWW.CASHMANEQUIPMENT.COM/TERMS.HTM](http://www.cashmanequipment.com/terms.htm) AND (c) ALL MATERIALS INCORPORATED BY REFERENCE IN THE SALES AGREEMENT TERMS AND CONDITIONS. BY SIGNING BELOW, CASHMAN AND CUSTOMER AGREE TO ALL TERMS AND CONDITIONS OF THIS AGREEMENT.

**EQUIPMENT WARRANTY**

Customer acknowledges that he has received a copy of any warranty and has read and understood said warranty. All used equipment is sold as is where is and no warranty is offered or implied except as specified herein.

12 Month/Unlimited

INITIAL

CSA:

Date Feb 27, 2018

Deric Wagner (420)

ORDER RECEIVED BY

Cashman Equipment Company, by its Representative

SIGNATURE

TITLE

Date \_\_\_\_\_

LASSEN COUNTY ROAD DEPT

CUSTOMER

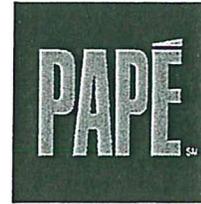
By \_\_\_\_\_

SIGNATURE

TITLE

Jan. 23, 2018  
Lassen County Dept. of Transportation  
Susanville, Ca. 96130

Please accept this as Pape Machinery's bid on a New DYNPAC CC2200  
ASPHALT ROLLER as spec's below.



**MACHINERY**

Water Control  
Vibration both Drums  
Air Cleaner Indicator  
Back up alarm  
Drum 59 x47 x0.7 in.  
Engine TCD3 T4F, 100 hp  
Emergency stop  
Frequency 4020 vpm  
Fuel gauge, Horn, Hour Meter  
4 Work Lights  
Automatic Water Control (AWC)  
Hydraulic Pressure Checkpoints  
Ignition Key Interlock  
Automatic Vibration Control (AVC)  
Asphalt Temperature Sensors

Lockable Instrument Panel  
Parking Brake  
Pressurized Sprinkler System  
Rubber Mounted Operators Platform  
Sliding & Swiveling Seat  
Towing Eyelet, Front & Rear  
Vibration Both Drums  
Warning Light, Brakes, Charging  
Warning Light, Engine Oil Pressure  
Warning Light, Low Fuel Level  
Water Reservoir Standard  
Spring Loaded Scrapers  
Beacon Light  
Sprinkler Timer  
Seat Belt

Warranty; 1 Year / 1500 Hours.  
FOB Susanville, Ca.

Your NJ PA cost \$107,639.00  
Cal. State Tax 7,803.83

Total \$115,442.83

Thank You for considering Pape Machinery for your equipment needs

Larry Otis

Territory Manager  
Redding, Ca. 96003  
530 241 4555

[www.papemachinery.com](http://www.papemachinery.com)

Phone 530-241-4555  
Fax 530-241-0619

**Papé Machinery, Inc.**

5065 Caterpillar Road  
Redding, CA 96003

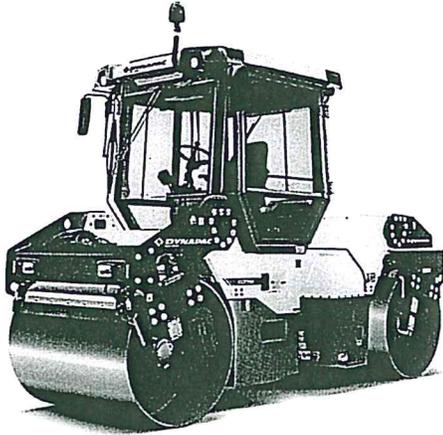


**HITACHI**

Timberjack | Tigercat | TimberPro | Dynapac  
Trail King Industries | Breaker Technology, Inc.  
Air Burners, LLC | Timberline | Morbark

# Dynapac CC2200

## Double drum vibratory rollers



### Technical data

 Masses	
Max. operating mass	19,800 lbs
Operating mass (incl. ROPS)	16,800 lbs
Operating mass (incl. Cab)	17,196 lbs
Module mass (front/rear)	8,400 lbs/8,400 lbs

 Propulsion	
Speed range	0 -7.5
Vertical oscillation	±7°
Theor. gradeability	42 %

 Compaction	
Centrifugal force (high/low amplitude)	17,540 lb/15,060 lb
Nominal amplitude (high/low)	0.03 in/0.01 in
Static linear load (front/rear)	142 /142 lbs/in
Vibration frequency (high/low amplitude)	2,880 vpm/4,020 vpm
Water tank	198 gal

 Engine	
Manufacturer/Model	Deutz TCD 3.6 HT T4f
Type	Water cooled turbo diesel
Rated power, SAE J1995	75 hp @ 2,200 rpm
Fuel tank capacity	34 gal

 Hydraulic system	
Driving	Axial piston pump with variable displacement. Axial piston motors (2) with variable displacement.
Vibration	Axial piston pumps (2) with variable displacement. Axial piston motors (2) with constant displacement.
Steering	Gear pump with constant displacement.
Service brake	Hydrostatic in forward and reverse lever.
Parking/Emergency brake	Failsafe multidisc brake in both drums.

Find us locally at [www.dynapac.us](http://www.dynapac.us)

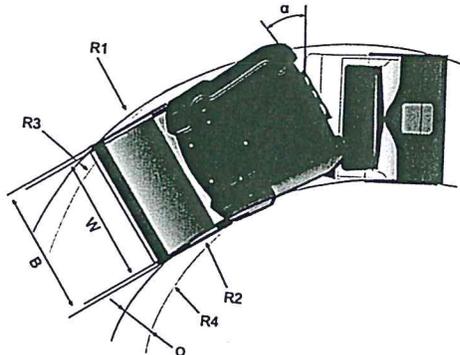
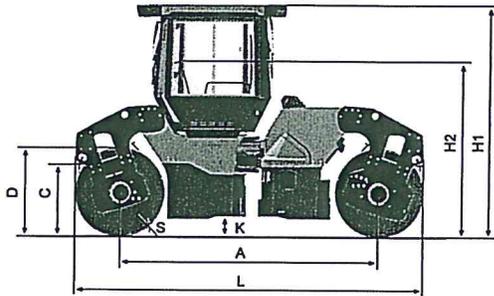
We reserve the right to change specifications without notice. Photos and illustrations do not always show standard versions of machines.  
The above information is a general description only, all informations are supplied without liability.

# Dynapac CC2200

## Double drum vibratory rollers



### Technical data



Dimensions	
A. Wheelbase	131 in
B. Width	64 in
C. Curb clearance	28 in
D. Drum diameter	45 in
H1. Height, with ROPS/cab	118 in
H2. Height, w/o ROPS/cab	90 in
K. Ground clearance	11 in
L. Length	177 in
O. Off-set	13.19 in
R1. Turning radius, outside	259 in
R2. Turning radius, inside	200 in
R3. Turning radius with off-set, outside	192 in
R4. Turning radius with off-set, inside	133 in
S. Drum shell thickness	0.8 in
W. Drum width	59 in
α. Steering angle	±32°

### Standard equipment

- Automatic vibration control (AVC)
- Automatic water control (AWC)
- Back-up alarm
- Display: Engine temp, Fuel level, Frequency/impactometer, Hydr. temp
- Speedometer, Tachometer, Voltage, VPM, Water level
- Filters for sprinkler system
- Hydraulic check points
- Lunch box holder
- Operator platform, shock mounted
- Pressurized sprinkler system
- ROPS canopy w/suspension seat & 3" seat belt
- Rotating beacon
- Sliding and swiveling operator's platform
- Spring loaded scrapers
- Sprinkler timer
- Sprinkler system additional (Two bars per drum)
- Steering wheel tilt able
- Vandal cover for instrument panel
- Vibration quick stop
- Vibration shut off front or rear drum
- Warning lights: Air cleaner, Brake, Clogged hyd. fluid filter, Engine oil pressure/temp, Hyd oil temp, Low charge, Low fuel
- Working lights, Rops mounted

### Optional equipment

- Asphalt Temp Meter
- Compaction Analyzer
- Drum Edge Lights
- Whisper Cab Package

Find us locally at [www.dynapac.us](http://www.dynapac.us)

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