



Ring Power Corporation
500 World Commerce Parkway
St. Augustine, FL 32092

Prepared For:
Florida Sheriff's Association

8/5/2020

Item #343: (1) NEW CATERPILLAR CB24B DOUBLE DRUM ROLLER

CONTRACT DETAILS

Florida Sheriff's Association
Bid # FSA20-EQU18.0
Item #343: Group: ROLLER: 47" Small Double Drum Roller and Options
Contract Dates: October 1, 2020 through September 30, 2023

BID SPECIFICATION:

1. <u>WEIGHT</u> : a. Minimum operating weight 5,423 lbs. 2. <u>DRUM/VIBRATORY SYSTEM</u> : a. Drum compactor width on both drums no less than 47" b. Drum shall be smooth and not less than 27.5" in diameter c. Vibratory system shall be hydraulically driven d. Drum shall be equipped with scrapers both front and rear of both drums e. Drum shall be hydraulically driven and have two amplitude settings 3. <u>ENGINE</u> : a. Diesel engine of not less than 25 HP b. Reverse alarm for reverse operations 4. <u>TRAVEL SYSTEM</u> : a. The machine shall be hydrostatically driven b. Steering shall be centered articulated and oscillated 5. <u>MISCELLANEOUS</u> : a. Unit shall be equipped with a pressurized water system for both drums b. Electrical system shall be 12 or 24 Volt
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BASE MACHINE

364-2303	CB24B UTILITY COMPACTOR
364-2272	ENGINE T4F
364-2313	PROPEL, STANDARD
364-2282	HYDRAULIC OIL, STANDARD
432-6053	LIGHTING PACKAGE, STANDARD
364-2277	SEAT WITH SAFETY SWITCH
376-7962	BELT, SEAT, 2" SUSPENSION
364-2279	SUPPORT, SLIDING FOR SEAT
364-2287	ROPS, FOLDABLE
364-2297	SWITCH, BATTERY DISCONNECT
432-8451	TRAVEL CONTROL, COVER GP
463-3786	PRODUCT LINK INSTALLATION
454-5454	PRODUCT LINK, CELLULAR PL641
364-2281	INSTRUCTIONS, NORTH AMERICAN

364-2288	CANOPY, FOLDABLE
456-9432	MATS, COCOA
0P-0210	PACK, DOMESTIC TRUCK

Ring Power Corporation



Cat[®]

CB22B, CB24B, CB24B XT CB32B, CC24B

UTILITY COMPACTORS

FEATURES:

■ Simple Operation

- Easy access due to logically placed handles and lower platform height
- Sliding seat and spacious platform provide comfort and control
- Dual propel lever option enhances control from either side
- Intuitive, multi-function control panel with vandal protection enables good performance
- Easy viewing LCD display and vibrant LED lights on the control panel simplify operation for both day and night operation
- Easy folding ROPS and canopy, can be lowered without tools

■ Efficient Compaction Performance

- Excellent drum-edge visibility due to longitudinal engine mount and narrow frame design; improves control for better coverage and compaction results
- Increased drum diameter for smoother compaction performance
- High amplitude and three frequency selections deliver excellent compaction results and lower sound levels
- 50 mm (2") drum offset capability enhances control near curbs and other obstacles while offering more coverage
- Ballast options increase flexibility and compaction performance
- Extended 3 year/3,000 hour vibratory drum maintenance interval minimizes lifetime operating costs
- CC24B is equipped with pneumatic tires that provide a kneading action for a tight mat finish

■ Best-in-Class Water Spray System

- 235 L (62 gal) water tank can last up to 10 hours without refilling
 - * Note: CC24B water tank capacity is 195 L (52 gal)
- Variable spray modes optimize water usage
- Triple filtration delivers reliable performance and simplifies service
- Self-adjusting, spring-loaded scrapers keep the drum clean, distribute water, and lower water consumption
- Anti-freeze option provides protection in cool weather
- Single drain port simplifies service requirements

■ Optimized Power

- Powerful Cat[®] C1.5 engine
- Eco-mode and electronic engine control reduce fuel consumption
- Traction control option, pin-on design offers quick installation
- Fast travel speed of 12.5 kph (8 mph) for good mobility
 - * Note: CC24B maximum travel speed is 10.5 kph (6.5 mph)

■ Designed for Rental

- Easy operation with intuitive controls
- Extensive legroom to suit a variety of operators
- Durable components maximize uptime and lower lifetime operating costs
- Fuel efficient engine
- Low sound levels for nighttime operation
- Product Link[™] ready for simple remote monitoring

- 1 Intuitive Console with LCD Display
- 2 Narrow Frame Design Enhances Visibility
- 3 Eco-mode
- 4 Roomy Operating Environment
- 5 Dual Propel Lever (Option)
- 6 Ballast Addition (Option)
- 7 50 mm (2") Drum Offset
- 8 Reliable Water Spray System
- 9 Foldable ROPS and Canopy (Options)



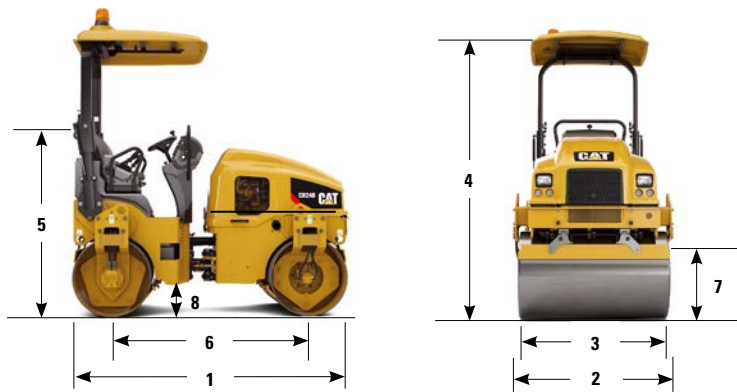
CB22B, CB24B, CB24B XT, CB32B, CC24B Utility Compactors

Specifications

		CB22B	CB24B	CB24B XT	CB32B	CB32B w/Ballast	CC24B
Cat C1.5 Engine - kW (hp)				27.0 (36.2)* / 24.4 (32.7)**			
Operating Weight - kg (lb)		2553 (5,629)	2723 (6,003)	3123 (6,885)	2808 (6,190)	3208 (7,071)	2441 (5,380)
Max. Operating Weight - kg (lb)		2731 (6,020)	2901 (6,395)	3301 (7,276)	2985 (6,581)	3385 (7,462)	2618 (5,772)
Static Linear Load - kg/cm (pli)		12.8 (72)	11.3 (63)	13.0 (73)	10.8 (61)	12.3 (69)	10.2 (57)
Amplitude - mm (in)				0.53 (0.021)			
Frequency - Hz (vpm)				63/52/42 (3,780/3,120/2,520)			
Centrifugal Force - kN (lbF)	High	28.8 (6,475)	34.7 (7,801)	34.7 (7,801)	37.1 (8,340)	37.1 (8,340)	34.7 (7,801)
	Med	19.6 (4,406)	23.7 (5,328)	23.7 (5,328)	25.3 (5,688)	25.3 (5,688)	23.7 (5,328)
	Low	12.8 (2,878)	15.4 (3,462)	15.4 (3,462)	16.5 (3,709)	16.5 (3,709)	15.4 (3,462)

* Turbo-charged, meets U.S. EPA Tier 4 Final emissions

** Meets emissions equivalent to U.S. EPA Tier 4 Interim and EU Stage IIIA standards; Note: E.U. Stage IIIB emissions standards do not apply to this power ratings class



OPTIONAL EQUIPMENT

- Antifreeze-ready, (water spray)
- Ballast
- Battery disconnect switch
- Bio-hydraulic oil
- Canopy, fixed
- Canopy, folding
- Cup holders
- Dual propel levers
- LED Lights
- Non-suspension seat
- Product Link
- ROPS, fixed
- ROPS, foldable
- Suspension seat w/safety switch
- Sliding seat
- Traction control (not available on CC24B)

Dimensions

	CB22B	CB24B	CB24B XT	CB32B	CC24B
1 Overall length - mm (in)	2575 (101)	2575 (101)	2575 (101)	2575 (101)	2575 (101)
2 Overall width - mm (in)	1112 (44)	1312 (52)	1312 (52)	1412 (56)	1312 (52)
3 Drum width - mm (in)	1000 (39")	1200 (47)	1200 (47)	1300 (51)	1200 (47)
Drum offset - mm (in)	50 (2)	50 (2)	50 (2)	50 (2)	50 (2)
Drum shell thickness - mm (in)	14 (0.6)	14 (0.6)	14 (0.6)	14 (0.6)	14 (0.6)
Drum diameter - mm (in)	720 (28)	720 (28)	720 (28)	720 (28)	720 (28)
4 Height at ROPS/FOPS wo/canopy - mm (in)	2595 (102)	2595 (102)	2595 (102)	2595 (102)	2595 (102)
Height at ROPS/FOPS w/canopy - mm (in)	2700 (106)	2700 (106)	2700 (106)	2700 (106)	2700 (106)
5 Transport height (w/foldable ROPS) - mm (in)	1800 mm (71)	1800 mm (71)	1800 mm (71)	1800 mm (71)	1800 mm (71)
6 Wheelbase - mm (in)	1800 mm (71)	1800 mm (71)	1800 mm (71)	1800 mm (71)	1800 mm (71)
7 Curb clearance - mm (in)	500 mm (20)	500 mm (20)	500 mm (20)	500 mm (20)	500 mm (20)
8 Ground clearance - mm (in)	285 mm (11)	285 mm (11)	285 mm (11)	285 mm (11)	285 mm (11)

For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at www.cat.com

QEHQ1699-03 (2/14)

Materials and specifications are subject to change without notice. Featured machines in photos may include additional equipment.

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Product ID: CB24B



Effective with sales to the first user on or after January 1, 2018

CATERPILLAR LIMITED WARRANTY

Earthmoving, Construction, Material Handling, Forestry and Paving Machines Worldwide

Caterpillar Inc. or any of its subsidiaries ("Caterpillar") warrants the following new products sold by it to be free from defects in material and workmanship:

- Earthmoving, construction, material handling, forestry and paving machines (except as listed below).
- Attachments/work tools installed on such machines prior to delivery (unless covered by the Cat® Work Tool warranty statement or another manufacturer's warranty). Hammer tool points and compacting plates used on hydraulic hammers are not warranted.

Additional warranties are applicable against breakage for certain Cat Ground Engaging Tools and for wear on all landfill compactor tips. Refer to the applicable warranty statements for coverage detail.

This warranty does not apply to:

- Cat Batteries
- Mobil-trac belts, rubber tracks used on multi terrain loaders, compact track loaders, and mini hydraulic excavators
- Cat Work Tools
- 424 Backhoe Loaders, 216 and 226 Skid Steer Loaders, and 320 Excavators sold in India
- Prentice brand forestry machines
- Longwall mining machines
- 785, 789, 793, 794, 795, 797 Off-Highway Truck models sold in regions other than the Commonwealth of Independent States ("CIS")
- 24 Motor Grader models sold in regions other than the CIS
- 854, 992, 993, 994 Wheel Loader models sold in regions other than CIS
- Cat Utility Vehicles (UTV)
- Compact Construction Equipment including Compact Track & Multi Terrain Loaders, Mini Hydraulic Excavators, and Skid Steer Loaders sold in USA or Canada.

These products are covered by other Caterpillar warranties.

This warranty is subject to the following:

Warranty Period

For new machines and work tools/attachments the warranty period is 12-months/unlimited hours, starting from date of delivery to the first user.

Note:

- For hydraulic line's quick connect/disconnect components sold on compact wheel loaders, mini hydraulic excavators, skid steer loaders, multi terrain loaders, and compact track loader machines, the warranty period is 50 hours starting from the date of delivery to the first user.
- For Draglines, Electric Rope Shovels, Hard Rock Movers, Hard Rock Feeders, Hard Rock Miners, Hard Rock Conveyors, Hard Rock Roof Supports: the warranty period is not to exceed 24 months from shipment of the last major component from the Caterpillar place of manufacture.

Caterpillar Responsibilities

If a defect in material or workmanship is found during the warranty period, Caterpillar will, during normal working hours and at a place of business of a Cat dealer or other source approved by Caterpillar

- Provide (at Caterpillar's choice) new, remanufactured, or Caterpillar approved repaired parts or assembled components needed to correct the defect.

Note: New, remanufactured, or Caterpillar approved replacement parts provided under the terms of this warranty are warranted for the remainder of the warranty period applicable to the product in which installed as if such parts were original components of that product. Items replaced under this warranty become the property of Caterpillar.

- Replace lubricating oil, filters, antifreeze, and other service items made unusable by the defect.
- Provide reasonable and customary labor needed to correct the defect.

User Responsibilities

The user is responsible for:

- Providing proof of delivery date to the first user.
- Labor costs, except as stated under "Caterpillar Responsibilities."
- Transportation costs, except as stated under "Caterpillar Responsibilities."
- Premium or overtime labor costs.
- Parts shipping charges in excess of those that are considered usual and customary.
- Local taxes, if applicable.
- Costs to investigate complaints, unless the problem is caused by a defect in Caterpillar material or workmanship.
- Giving timely notice of a warrantable failure and promptly making the product available for repair.
- Performance of the required maintenance (including use of proper fuel, oil, lubricants, and coolant) and items replaced due to normal wear and tear.
- Allowing Caterpillar access to all electronically stored data.

Limitations

Caterpillar is not responsible for:

- Failures resulting from any use or installation that Caterpillar judges improper.
- Failures resulting from attachments, accessory items, and parts not sold or approved by Caterpillar.
- Failures resulting from abuse, neglect, and/or improper storage or repair.
- Failures resulting from user's delay in making the product available after being notified of a potential product problem.
- Failures resulting from unauthorized repair or adjustments, and unauthorized fuel setting changes.

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This warranty covers every major component of the products. Claims under this warranty should be submitted to a place of business of a Cat dealer or other source approved by Caterpillar. For further information concerning either the location to submit claims or Caterpillar as the issuer of this warranty, write Caterpillar Inc., 100 N. E. Adams St., Peoria, IL USA 61629, telephone 1 (309) 675-1000, or go to URL www.cat.com, Find Your Dealer

Caterpillar's obligations under this Limited Warranty are subject to, and shall not apply in contravention of, the laws, rules, regulations, directives, ordinances, orders, or statutes of the United States, or of any other applicable jurisdiction, without recourse or liability with respect to Caterpillar.

A) For products operating outside of Australia, Fiji, Nauru, New Caledonia, New Zealand, Papua New Guinea, the Solomon Islands, and Tahiti, the following is applicable:

NEITHER THE FOREGOING EXPRESS WARRANTY NOR ANY OTHER WARRANTY BY CATERPILLAR, EXPRESS OR IMPLIED, IS APPLICABLE TO ANY ITEM CATERPILLAR SELLS THAT IS WARRANTED DIRECTLY TO THE USER BY ITS MANUFACTURER.

THIS WARRANTY IS EXPRESSLY IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, EXCEPT CATERPILLAR EMISSION-RELATED COMPONENTS WARRANTY FOR NEW ENGINES, WHERE APPLICABLE. REMEDIES UNDER THIS WARRANTY ARE LIMITED TO THE PROVISION OF MATERIAL AND SERVICES, AS SPECIFIED HEREIN.

CATERPILLAR IS NOT RESPONSIBLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.

CATERPILLAR EXCLUDES ALL LIABILITY FOR OR ARISING FROM ANY NEGLIGENCE ON ITS PART OR ON THE PART OF ANY OF ITS EMPLOYEES, AGENTS, OR REPRESENTATIVES IN RESPECT OF THE MANUFACTURE OR SUPPLY OF GOODS OR THE PROVISION OF SERVICES RELATING TO THE GOODS.

IF OTHERWISE APPLICABLE, THE VIENNA CONVENTION ON CONTRACTS FOR THE INTERNATIONAL SALE OF GOODS IS EXCLUDED IN ITS ENTIRETY.

B) For products operating in Australia, Fiji, Nauru, New Caledonia, New Zealand, Papua New Guinea, the Solomon Islands, and Tahiti, the following is applicable:

THIS WARRANTY IS IN ADDITION TO WARRANTIES AND CONDITIONS IMPLIED BY STATUTE AND OTHER STATUTORY RIGHTS AND OBLIGATIONS THAT BY ANY APPLICABLE LAW CANNOT BE EXCLUDED, RESTRICTED OR MODIFIED ("MANDATORY RIGHTS"). ALL OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED (BY STATUTE OR OTHERWISE), ARE EXCLUDED. WITHOUT LIMITING THE FOREGOING PROVISIONS OF THIS PARAGRAPH, WHERE A PRODUCT IS SUPPLIED FOR BUSINESS PURPOSES, THE CONSUMER GUARANTEES UNDER THE CONSUMER GUARANTEES ACT 1993 (NZ) WILL NOT APPLY.

NEITHER THIS WARRANTY NOR ANY OTHER CONDITION OR WARRANTY BY CATERPILLAR, EXPRESS OR IMPLIED (SUBJECT ONLY TO THE MANDATORY RIGHTS), IS APPLICABLE TO ANY ITEM CATERPILLAR SELLS THAT IS WARRANTED DIRECTLY TO THE USER BY ITS MANUFACTURER.

IF THE MANDATORY RIGHTS MAKE CATERPILLAR LIABLE IN CONNECTION WITH SERVICES OR GOODS, THEN TO THE EXTENT PERMITTED UNDER THE MANDATORY RIGHTS, THAT LIABILITY SHALL BE LIMITED AT CATERPILLAR'S OPTION TO (a) IN THE CASE OF SERVICES, THE SUPPLY OF THE SERVICES AGAIN OR THE PAYMENT OF THE COST OF HAVING THE SERVICES SUPPLIED AGAIN AND (b) IN THE CASE OF GOODS, THE REPAIR OR REPLACEMENT OF THE GOODS, THE SUPPLY OF EQUIVALENT GOODS, THE PAYMENT OF THE COST OF SUCH REPAIR OR REPLACEMENT OR THE ACQUISITION OF EQUIVALENT GOODS.

CATERPILLAR EXCLUDES ALL LIABILITY FOR OR ARISING FROM ANY NEGLIGENCE ON ITS PART OR ON THE PART OF ANY OF ITS EMPLOYEES, AGENTS OR REPRESENTATIVES IN RESPECT OF THE MANUFACTURE OR SUPPLY OF GOODS OR THE PROVISION OF SERVICES RELATING TO THE GOODS.

CATERPILLAR IS NOT LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES UNLESS IMPOSED UNDER MANDATORY RIGHTS.

IF OTHERWISE APPLICABLE, THE VIENNA CONVENTION (CONTRACTS FOR THE INTERNATIONAL SALE OF GOODS) IS EXCLUDED IN ITS ENTIRETY.

C) For products supplied in Australia:

IF THE PRODUCTS TO WHICH THIS WARRANTY APPLIES ARE:

- I. PRODUCTS OF A KIND ORDINARILY ACQUIRED FOR PERSONAL, DOMESTIC OR HOUSEHOLD USE OR CONSUMPTION; OR
- II. PRODUCTS THAT COST AUD 40,000 OR LESS,

WHERE THOSE PRODUCTS WERE NOT ACQUIRED FOR THE PURPOSE OF RE-SUPPLY OR FOR THE PURPOSE OF USING THEM UP OR TRANSFORMING THEM IN THE COURSE OF PRODUCTION OR MANUFACTURE OR IN THE COURSE OF REPAIRING OTHER GOODS OR FIXTURES, THEN THIS SECTION C APPLIES.

THE FOLLOWING MANDATORY TEXT IS INCLUDED PURSUANT TO THE AUSTRALIAN CONSUMER LAW AND INCLUDES REFERENCES TO RIGHTS THE USER MAY HAVE AGAINST THE DIRECT SUPPLIER OF THE PRODUCTS: OUR GOODS COME WITH GUARANTEES THAT CANNOT BE EXCLUDED UNDER THE AUSTRALIAN CONSUMER LAW. YOU ARE ENTITLED TO A REPLACEMENT OR REFUND FOR A MAJOR FAILURE AND COMPENSATION FOR ANY OTHER REASONABLY FORESEEABLE LOSS OR DAMAGE. YOU ARE ALSO ENTITLED TO HAVE THE GOODS REPAIRED OR REPLACED IF THE GOODS FAIL TO BE OF ACCEPTABLE QUALITY AND THE FAILURE DOES NOT AMOUNT TO A MAJOR FAILURE. THE INCLUSION OF THIS TEXT DOES NOT CONSTITUTE ANY REPRESENTATION OR ACCEPTANCE BY CATERPILLAR OF LIABILITY TO THE USER OR ANY OTHER PERSON IN ADDITION TO THAT WHICH CATERPILLAR MAY HAVE UNDER THE AUSTRALIAN CONSUMER LAW.

TO THE EXTENT THE PRODUCTS FALL WITHIN THIS SECTION C BUT ARE NOT OF A KIND ORDINARILY ACQUIRED FOR PERSONAL, DOMESTIC OR HOUSEHOLD USE OR CONSUMPTION, CATERPILLAR LIMITS ITS LIABILITY TO THE EXTENT IT IS PERMITTED TO DO SO UNDER THE AUSTRALIAN CONSUMER LAW TO, AT ITS OPTION, THE REPAIR OR REPLACEMENT OF THE PRODUCTS, THE SUPPLY OF EQUIVALENT PRODUCTS, OR THE PAYMENT OF THE COST OF SUCH REPAIR OR REPLACEMENT OR THE ACQUISITION OF EQUIVALENT PRODUCTS.

THE WARRANTY SET OUT IN THIS DOCUMENT IS GIVEN BY CATERPILLAR INC. OR ANY OF ITS SUBSIDIARIES, 100 N. E. ADAMS ST, PEORIA, IL USA 61629, TELEPHONE 1 309 675 1000. THE USER IS RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH MAKING A CLAIM UNDER THE WARRANTY SET OUT IN THIS DOCUMENT. EXCEPT AS EXPRESSLY STATED OTHERWISE IN THIS DOCUMENT, AND THE USER IS REFERRED TO THE BALANCE OF THE DOCUMENT TERMS CONCERNING CLAIM PROCEDURES, CATERPILLAR RESPONSIBILITIES AND USER RESPONSIBILITIES.

TO THE EXTENT PERMISSIBLE BY LAW, THE TERMS SET OUT IN THE REMAINDER OF THIS WARRANTY DOCUMENT (INCLUDING SECTION B) CONTINUE TO APPLY TO PRODUCTS TO WHICH THIS SECTION C APPLIES.

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