



**Bid Number 50-00117338**

**PURCHASE OF COMBINATION VACUUM SEWER CLEANER TRUCK FOR  
THE JEFFERSON PARISH DEPARTMENT OF PUBLIC WORKS**

**BID DUE: AUGUST 25, 2016 AT 2:00 PM**

**ATTENTION VENDORS!!!**

**Please review all pages and respond accordingly, complying with all provisions in the technical specifications and Jefferson Parish Instructions for Bidders and General Terms and Conditions. All bids must be received in the Purchasing Department by the bid due date and time.**

**Jefferson Parish Purchasing Department  
200 Derbigny Street  
General Government Building, Suite 4400  
Gretna, LA 70053  
Buyer Name: Misty A. Camardelle  
Buyer Email: [mcamardelle@jeffparish.net](mailto:mcamardelle@jeffparish.net)  
Buyer Phone: 504-364-2683**



# JEFFERSON PARISH

## Department of Purchasing

**Michael S. Yenni**  
Parish President

**Brenda J. Campos**  
Director

### CHANGES TO JEFFERSON PARISH BIDDING PROCEDURES

Bidders should carefully read and must respond accordingly per the requirements of the bid packages.

Effective August 1, 2016, please be advised:

- Affidavits (Non-Public Works Affidavit or Public Works Affidavit) – as you are aware, bidders are required to submit affidavits pursuant to LA public bid law and Jefferson Parish Code of Ordinances. Bidders must read each bid package to ensure compliance. Effective August 1<sup>st</sup>, ***affidavits are required with bid submission.*** While copies are acceptable to include with bid submission, original affidavits are required upon contract execution. Original affidavits are encouraged with bid submission.
- Current W9 Forms and vendor applications may be submitted at any time; however, if your company is not registered and/or a current W-9 form is not on file, a current W-9 form must be supplied upon contract execution, should you be awarded a contract and/or issued a purchase order.
- Upon contract execution, successful bidder must continue producing final insurance certificates per standard Jefferson Parish insurance requirements. Proof of insurance is required for bidding purposes. Bidders must read the insurance requirements attachment included in each bid package for specific instructions.

These changes are pursuant Louisiana Public Bid Law more specifically, Act 406 of the 2016 Louisiana Legislative Regular Session. For the purposes of this communication, this change applies to Jefferson Parish Government bid solicitations only. For more information, please call Jefferson Parish Purchasing at 504-364-2678.

## **PURCHASE OF COMBINATION VACUUM SEWER CLEANER TRUCK FOR THE JEFFERSON PARISH DEPARTMENT OF PUBLIC WORKS**

### **GENERAL**

The machine shall be capable of removing stones, grit, grease, sludge and other debris from sanitary sewer and/or storm drain lines by the flushing action of high-pressure water. The high-pressure sewer cleaner operates independent of the vacuum system. This unit shall have a total minimum 590 Horse Power.

The machine shall include an air conveying vacuum system to provide for the simultaneous removal of the debris flushed to the manhole by the high-pressure water system or for the removal of debris from sewers, sumps, catch basins, digesters, wet wells, bar screens, etc.

The machine shall be capable of being operated by one man, with all operating controls for high-pressure water pump, hose reel, and vacuum, located at the front of the machine for safety.

### **LOUISIANA DEALER'S LICENSE**

In accordance with LA RS 32:1254 et seq and LA RS 38:2212.8, a Louisiana State Dealer's License is required. All bidders must provide a copy of their valid Louisiana Dealer's License with their bid submission. Failure to submit this copy will result in bid rejection.

### **DEBRIS BODY - COMPLY**

Debris storage body has a minimum usable liquid capacity of 9 cubic yards. The debris body shall be round for maximum strength and constructed of 3/16 inch ASTM A242 Corten A steel for enhanced corrosion resistance.

The rear door shall be dished and flanged for maximum strength, full opening, hinged at the top with low profile and adjustable style hinges.

There shall be a 6" diameter liquid drain valve, "knife valve type" and screen weldment inside for removing excess liquids. Drain will have 10 feet of 6 inch lay flat hose.

A rear door safety prop shall be provided. For ease of maintenance there shall be no hydraulic components located inside the debris body or rear door.

Hydraulic operated, heavy duty wedge style door locks shall be installed. The door locks shall be operated by two double acting hydraulic cylinders. The rear door shall also hydraulically

open and close (raise and lower) by means of two double acting hydraulic cylinders. The unlocking-opening and the closing-locking operations shall be controlled by a single switch and sequence valve.

Dual steel weldments with stainless steel screen 8" x 28" each providing up to 1200 square inches of added filtration for the vacuum system shall be provided inside the debris tank. These weldments shall be removable and require no cutting or welding.

A double acting power up/power down hydraulic scissors lift mechanism will be provided to raise body to a minimum 60 degree angle. The scissors lift mechanism shall be designed to support a minimum of 24 inches of the debris tank width to provide stability and when dumping on uneven ground. The lift capacity of hydraulic scissors lift cylinder is 56,000 lbs.

Dump controls are located on curbside mid-ship of the unit, well forward of the dumping area for operator safety. A manual override system is provided in case of system failure.

The debris body shall have a five year warranty. A copy of manufacturer's warranty statement shall be enclosed with bid. If pro-rated so state: N/A

An internal polyethylene float device with external indicator is supplied to show when body is loaded to capacity.

### **AUTOMATIC VACUUM BREAKER - COMPLY**

The automatic vacuum breaker assembly is located inside the body.

The automatic vacuum breaker assembly shall be controlled by an electric over hydraulic circuit. The entire system shall be replaceable via a bolt on assembly. The assembly shall consist of a 12" inlet and two 8" ports that provide air flow to the vacuum system.

A full indication activates an automatic vacuum breaker shut down system that completely shuts down 100 percent of the airflow to the vacuum system to prevent overfilling and wastewater discharge into the atmosphere.

The vacuum breaker system is automatically activated (closed) when the parking brake system is released to eliminate carryover during transit.

The system is controlled/activated, at the front hose reel control station. This enables the operator to pick up large debris with boom and place debris on the road surface. This system can be used for safety in the event suction must be shut off in case of an emergency.

**POSITIVE DISPLACEMENT BLOWER - COMPLY**

A lobe type positive displacement blower shall be provided capable of 6000 CFM's and 18" of Hg. with cyclone separator. Control of the blower regarding start, stop and the rate of vacuum suction is performed from the front of the truck. A vacuum suction breaker disconnect switch is provided to enable operator to pick up large debris with boom and place debris on road surface. The vacuum system shall operate independent of the high-pressure water system.

The compressor is driven by the chassis engine via a closed loop hydrostatic system using a variable high volume piston pump and motor. The high volume displacement pump shall provide the same vacuum performance at 30% lower engine rpm. The lower operating rpm shall reduce fuel consumption by as much as 40%. This system shall include a heat exchanger for extreme ambient conditions and to maintain the pump suction oil temp at 160 deg. F. max. The heat exchanger shall be protected by a 30-micron filter and cold weather by pass valve. Hydrostatic loop filtration shall be accomplished by a 10 Beta micron return filter and a 10-micron Absolute (no bypass) charge filter.

The blower is protected by (2) two 3" diameter vacuum relief valves. The system incorporates an air/water separator and a sound silencer to separate material before it enters blower and to ensure quiet operation.

A means of starting, stopping and varying the vacuum suction from operator station at the front of the machine is provided.

The blower is mounted on a frame independent of the water tank.

Unit must be capable of vacuuming under water without air induction. A manometer/vacuum test may be required to demonstrate the system performance.

The positive displacement blower shall have a 12-month non-prorated warranty.

**VACUUM PICK UP HOSE - COMPLY**

Shall be front loading, attached at the front of the machine in order to provide ease of positioning the machine over the manhole, as well as afford maximum safety for the operator.

The 8" will be mounted on a boom that will provide a minimum of 18' vertical lift utilizing dual hydraulic cylinder and 230 degree of boom rotation powered hydraulically for non-interrupted smooth movement. Boom to have a lift capacity of 500 lbs. at the front bumper.

The boom will be powered by an electric over hydraulic system: up/down by dual lift cylinders. The right/left movements shall be hydraulic via worm gear rotation.

The boom shall hydraulically telescope a minimum of 10 ft. forward from the operator's station. The height of the boom shall not change while the boom is being telescoped. A manual override system shall be provided for right/left, and up/down functions in case of system failure.

Control of the boom is by means of a joystick control at the operator's station, requiring no cables at operator's feet for boom operation. A wireless remote control will be provided for Boom, Vacuum Breaker, Chassis Throttle, and Debris Body functions. A manual override system shall be provided for right/left, and up/down functions in case of system failure.

A boom coverage chart shall be provided with bid submission stating the square feet the boom covers.

8 inch diameter pipe extensions with clamps will be provided and carried on the truck as follows:

- 1 6-1/2' Catch Basin Nozzle
- 3 6' Aluminum Pipe Extension
- 1 5' Aluminum Pipe Extension
- 1 3' Aluminum Pipe Extension
- 2 spare quick clamps

### WATER SUPPLY - COMPLY

The water tanks shall have a minimum usable capacity of 1000 U.S. gallons.

The water tanks shall be constructed of non-corrosive, non-metallic, durable, cross-linked polyethylene to eliminate rust, corrosion, and stress cracking.

The water tanks shall be mounted at and below the truck frame level to provide a low center of gravity for truck stability.

A 2-1/2 inch diameter x 25 feet long hydrant hose with hydrant wrench is supplied on the unit.

An anti-siphon fill device is installed on the unit.

Inspection ports shall be provided to fill or to add chemicals to the water system.

A sight gauge to indicate water level is located within sight of the operator station.

The water tanks are protected by a minimum of 11 gauge steel plating mounted below the water tanks for protection against road hazards when unit travels over the road, off the road or to landfills.

The water tanks shall carry a ten year replacement warranty.

**AUXILIARY ENGINE (WATER PUMP DRIVE ENGINE) - COMPLY**

Ford Power Products Gas WSG-1068, 6.8 Liter, (415 CID) (10)-Cylinder, V-10, 222HP

**HIGH-PRESSURE WATER PUMP - COMPLY**

The high pressure water pump shall be rated to deliver smooth continuous pressure and flow through the entire flow range of the pump. The high pressure shall have smooth continuous flow for both the high pressure system and the hand gun system.

A continuous duty flow of 80 p.m. and 2000 p.s.i shall be provided.

High-pressure relief valves are provided for both the high-pressure system and hand gun system.

The water pump operates independently of the vacuum system and is powered by the auxiliary engine via clutchless, direct dual powerband drive system.

The high-pressure water pump drive system shall carry a five year replacement warranty. Warranty shall exclude the drive engine, i.e. auxiliary engine.

The water pump shall be capable of running dry.

Controls for starting and stopping the water pump and to vary the flow and pressure shall be at the front hose reel operator's station.

The high-pressure water pump is equipped with a cold weather drain valve. The valve allows the operator to completely drain the high-pressure pump.

**HOSE REEL ASSEMBLY - COMPLY**

The hose reel assembly is mounted on the front of the vehicle. The hose reel shall have a minimum of 30" inside diameter with a capacity of 800' x 1" hose. The hose reel is equipped with a cage - Lexan style. The hose reel is hydraulically powered in both directions by means of

a double chain and sprocket drive. The controls for operating the motor have a flow control device to regulate the rotational speed of the reel in both directions. All hydraulic hoses are behind a steel housing to protect operator from hydraulic oil if a hose fails. The hydraulic motor, chain, and sprockets have a protective cover or are mounted on the radiator side of the hose reel for operator safety. The hose reel articulates 180 degrees to the driver's side allowing operator to work in any position through this arc. This allows greater flexibility in truck placement for manholes located in tough areas and provides greater safety to the operator. Reel extends beyond the width of unit for greater flexibility for positioning reel over offset manholes, catch basins, etc. A hydraulically controlled outrigger leg is supplied that comes in contact with the ground at any one position. A warning light is located in the cab to warn the operator that the outrigger leg is not in its transported position prior to moving the unit. A manual bypass system for the hose reel assembly is provided to manually pull the reel assembly away from its transported position. This feature allows operator to check fluids without starting engines.

#### JET HOSE - COMPLY

800' x 1" jet rodder hose shall be supplied rated for 2500 psi working pressure and 6250 psi burst pressure.

A heavy duty hose guide with 25' of nylon rope will be provided.

Nozzles shall be hardened steel with replaceable ceramic orifices as follows: 1) Chisel head penetrator & 1) standard sanitary.

#### MANHOLE CLEANING WATER SYSTEM (HAND GUN) - COMPLY

The high-pressure pump and independent water tank assembly supplied shall be used for manhole cleaning. A smooth continuous flow of 20 g.p.m. and pressure of 600 p.s.i. shall be provided for ease of operation. A hand gun pressure relief valve set at 600 p.s.i. shall be provided. One full functioning hand gun with on/off hand control, replaceable nozzle tip, 12 inch extension, adjustable spray and 50' x 1/2" hose with retractable reel shall be provided.

The hand gun shall attach to the system via a quick couple connection at the curbside of the unit. To avoid being coiled at the operator's station a hand gun holder shall be provided at the front bumper.

**HYDRAULIC SYSTEM AND LUBRICATION - COMPLY**

The hydraulic system has a 55-gallon capacity.

The hydraulic system shall incorporate a main shut off valve in case of hydraulic failure.

The hydraulic system shall incorporate hydraulic pressure relief valves and pressure gauges for ease of trouble shooting and maintenance.

The unit is equipped on the passenger side, mid-section of the module, a permanent weatherproof white vinyl lubrication chart that points out lubrication points on the module and specifies what type of lubrication and hydraulic fluids are required. The chart also specifies the frequency of each lubrication point.

Remote plumbed grease fittings are provided for the vacuum compressor, boom rotation, and water pump drive areas.

**ACCESSORIES - COMPLY**

A minimum twelve (12) month manufacturer's guarantee on the unit will be provided.

- 2 35" x 14" x 24" side mounted tool boxes will be provided.
- 1 Debris body power flush out system
- 1 Rear mounted hydraulic pump off system, 400 gpm w/20' lay flat hose
- 1 Gravity drain system consisting of plumbing to the mid-passenger side of the unit. Includes a 3" knife valve with cam-lock connection, 30' of layflat hose with storage rack allowing return of liquids to the manhole without having to reposition vehicle.
- 1 Front Gate Valve for use with Gravity Drain Option
- 1 Wear plate, swing style
- 1 Air purge system
- 1 1/4 turn ball valve water drain
- 1 Variable flow valve
- 1 Lazy Susan style, deck mounted pipe rack, holds 5 pipe
- 1 Storage box behind cab, 16" x 42" x 96"

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- 1 Lateral Cleaning Kit w/200' x 1/2" Hose w/Nozzle, Permanently Mtd, Electronically Controlled
  - 1 Hose footage counter, curb side
  - 1 Auxiliary engine remote oil drain
  - 1 Remote boom grease zerk assembly, (accessible from ground level)
  - 1 Remote debris tank grease zerk assembly (accessible from ground level)
  - 1 Aluminum Dual Roller Level Wind Guide ilo standard
  - 1 Nozzle rack
  - 1 10' leader hose
  - 1 The hydraulic pump provides power for all hydraulic functions, except vacuum compressor drive, and is direct mounted to the auxiliary engine gear drive adapter. It is not necessary to run the chassis engine to operate the machine hydraulics.
  - 1 Water pump remote oil drain
  - 1 Built in Body Prop - Rear Boom Support Mounted
  - 1 12VDC auxiliary hydraulic pump
  - 1 Traffic Camera with Color Monitor
  - 1 Rear traffic camera
  - 1 Front hose reel camera - to view front of hose reel area
  - 2 Rear door drain flush out connection
  - 2 Long handle storage/ (2) PVC
  - 1 Long handle storage placement - mounted in storage box under shelf
  - 1 Long handle storage placement - rear of mainframe
  - 1 Cone storage rack
  - 1 FMC water pump in lieu of the standard Giant water pump
  - 1 Fill hose assy and storage 1.5"/ 200', 100', 50'
  - 1 (2) Roll out shelves for storage box behind cab

## 1 Greenle Pump Off With Gate Valve

**LIGHTING - COMPLY**

The entire module electrical system is vapor sealed to eliminate moisture damage.

All wiring is color-coded, labeled and run in sealed terminal enclosures.

All module circuits are protected by circuit breakers.

Clearance lights and reflectors are furnished in accordance with D.O.T. requirements.

- 1 4 LED strobes - (2) front bumper, (2) rear bumper - Whelen 50A03ZCR - Amber
- 1 LED Arrow stick - Whelen TAM85 Traffic Advisor
- 4 Limb guards for flood lights
- 1 LED Boom Mounted Flood Light - Whelen NP6BB Worklight
- 1 LED Rear Mounted Flood Lights - Whelen NP6BB Worklight

**PAINT - COMPLY**

Unit paint surface shall be shot blasted, primed and sanded prior to paint. Unit to be painted white with DuPont Imron 5000 polyurethane paint.

Unit shall have reflective green side and boom stripes and rear door chevrons.

Chassis shall be painted manufacturers standard white.

**TRAINING AND MANUALS - COMPLY**

Operator training shall be conducted by a factory-trained representative for a minimum of one day at the time of delivery. 3 copies of the operating and maintenance manual for the sewer cleaner module shall be provided upon unit delivery. An operational video will be provided with the unit.

**MOUNTING AND DELIVERY - COMPLY**

The unit described will be mounted on a truck chassis acceptable to the body manufacturer at the factory of the body manufacturer.

**EXCEPTIONS AND DEVIATIONS: - COMPLY**

Bidder shall fully explain every variance, exception, and or deviation to the bid specifications. Additional sheets/lines may be added if required.

**Chassis Specifications**

Unit		Chassis	
Model:	T400Series	Fr Axle Load (lbs):	20000
	oEoCConventionalaa or equal.	Rr Axle Load (lbs):	23000
Type:	FULL TRUCK	G.C.W (lbs):	43000
Description:	T470 20K/23K	Class A (Highway)	90
	<b>Application</b>	Class B (Hwy/Mtn)	10
	SEWER COMBINATION UNIT	Class C (Off-Hwy)	00
		Class D (Off-Road)	00
	<b>Body</b>	Maximum Grade:	6
Type:	Vacuum tank	Wheelbase (in):	243
Length: (ft):	16.0	Overhang (in):	60
Height (ft):	13.5	Fr Axle to BOC (in):	73
Max Laden Weight (lbs):	4000	Cab to Axle (in):	170
		Cab to EOF (in):	230

**Description**

T400 Series Conventional Extended Cab Or Equal

T470 4x2 Medium Duty

DATE: 8/10/2016

INVITATION TO BID  
THIS IS NOT AN ORDER

BID NO.: 50-00117338

**JEFFERSON PARISH**  
PURCHASING DEPARTMENT  
P.O. BOX 9  
GRETNA, LA. 70054-0009  
504-364-2678

Page: 1

BUYER: MCamardelle@jeffparish.net

BIDS WILL BE RECEIVED IN THE PURCHASING DEPARTMENT, SUITE 4400, JEFFERSON PARISH GENERAL GOVERNMENT BUILDING, 200 DERBIGNY STREET, GRETNA, LA 70053 UNTIL 2:00 PM, 8/25/2016 AND PUBLICLY OPENED THEREAFTER.

**LATE BIDS WILL NOT BE ACCEPTED**

Unless submitting via online (see Page 3), each bid must be submitted in a sealed envelope bearing on the outside; the name of the Bidder, his address, and the name of the project for which the bid is submitted and the bid number.

**NOTE: ONLY BIDS WRITTEN IN INK OR TYPEWRITTEN, AND PROPERLY SIGNED BY A MEMBER OF THE FIRM OR AUTHORIZED REPRESENTATIVE, WILL BE ACCEPTED. PENCIL AND/OR PHOTOSTATIC FIGURES OR SIGNATURES SHALL RESULT IN BID REJECTION.**

**INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS**  
**THE FOLLOWING INSTRUCTIONS APPLY TO ALL BIDS**

All bids submitted are subject to these instructions and general conditions and any special conditions and specifications contained herein, all of which are made part of this bid proposal reference. By submitting a bid, vendor agrees to comply with all provisions of Louisiana Law as well be in compliance with the Jefferson Parish Code of Ordinances, Louisiana Code of Ethics, applicable Jefferson Parish ethical standards and Jefferson Parish Resolution No. 113646 and/or Resolution No. 113647.

All vendors submitting bids should register as a Jefferson Parish vendor if not already yet registered. Registration forms may be downloaded from [www.purchasing.jeffparish.net](http://www.purchasing.jeffparish.net) and by clicking on Vendor Information. While Jefferson Parish may have these on file, all bidders should furnish their current W-9 Form and respective Tax Identification Numbers with bid submission; records on file may be invalid or expired. The successful bidder must submit a W-9 Form and respective Tax Identification Number upon contract execution. Failure to do so may result in delay of payment.

All quotations shall be based on F.O.B. Agency warehouse or job site, anywhere within the Parish as designated by the Purchasing Department. This provision does not apply to public works projects

JEFFERSON PARISH requires all products to be new (current) and all work must be performed according to standard practices for the project. Unless otherwise specified, no aftermarket parts will be accepted. Unless otherwise specified, all workmanship and materials must have at least one (1) year guaranty, in writing, from the date of delivery and/or acceptance of the project. Any deviations or alterations from the specifications must be indicated and/or supporting documentation supplied with bid submission.

Bidders should submit all questions in writing and fax them to the Purchasing Department at (504) 364-2693 no later than FIVE (5) working days prior to bid opening. Bid numbers should be mentioned in all requests. Questions may also be emailed to the buyer for this bid at the email address listed above. If submitting online, vendors may send questions via the E-Procurement site no later than Five (5) working days prior to the bid opening.

If this bid requires a pre-bid conference (see Additional Requirements section), bidders are advised that such conference will be held to allow bidders the opportunity to identify any discrepancies in the bid specifications and seek further clarification regarding instructions. The Purchasing Department will issue a written response to bidders' questions in the form of an Addendum. Please note that all official communication will be expressed in the form of an addendum.

All formal Addenda require written acknowledgement on the bid form by the bidder. Failure to acknowledge an Addendum on the bid form shall cause the bid to be rejected. JEFFERSON PARISH reserves the right to award bid to next lowest responsive and responsible bidder in this event.

The purpose and intention of this invitation to bid is to afford all suppliers an equal opportunity to bid on all construction, maintenance, repair, operating supplies and/or equipment listed in this bid proposal. JEFFERSON PARISH WILL ACCEPT ONE BID ONLY FROM EACH VENDOR. Items bid must meet specifications.

Visit our website at [HTTP://PURCHASING.JEFFPARISH.NET](http://PURCHASING.JEFFPARISH.NET)

JEFFERSON PARISH will accept one price for each item unless otherwise indicated. Two or more prices for one item will result in bid rejection. Bidders are required to complete, sign and return the bid form and/or complete and return the associated line item pricing forms as indicated. Vendors must not alter the bid forms. Doing so will cause the bid to be rejected.

If the bid exceeds \$30,000.00 and the company is duly authorized to do business in the state of Louisiana, a corporate resolution must be submitted with the bid or the person signing the bid documents must be listed on the Louisiana Secretary of State's website as an officer of the corporation, unless bidder has otherwise complied with LSA-R.S. 38:2212 (B)(5). If the bid is in excess of \$30,000 and bidder is registered out of the state of Louisiana, a corporate resolution must be submitted with the bid, unless bidder has otherwise complied with LSA-R.S. 38:2212 (B)(5). Failure to comply will cause bid to be rejected; the Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event. Bids submitted by Owner or Sole Proprietorships must include certification that he or she owns the entity for which the bid is signed. This documentation must be submitted with the bid. Failure to do so will result in bid rejection.

NOTE: A sample corporate resolution can be downloaded from our website <http://purchasing.jeffparish.net> or you may provide your own document. A sample certification of sole proprietorship can also be downloaded from our website <http://purchasing.jeffparish.net> or you may provide your own document.

### INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

A. AWARD OF CONTRACT: JEFFERSON PARISH reserves the right to award contracts or place orders on a lump sum or individual item basis, or such combination, as shall in its judgment be in the best interest of JEFFERSON PARISH. Every contract or order shall be awarded to the LOWEST RESPONSIVE and RESPONSIBLE BIDDER, taking into consideration the CONFORMITY WITH THE SPECIFICATIONS and the DELIVERY AND/OR COMPLETION DATE. SPLIT AWARDS MADE TO SEVERAL VENDORS WILL ONLY BE GRANTED TO THOSE DEEMED RESPONSIVE AND RESPONSIBLE.

All bid prices shall remain valid for 45 days. Jefferson Parish and the lowest responsive and responsible bidder(s) by mutual written consent may mutually agree to extend the deadline for award by one (1) or more extensions of thirty (30) calendar days.

Preference is hereby given to materials, supplies, and provisions produced, manufactured or grown in Louisiana, quality being equal to articles offered by competitors outside the state. "LSA-R.S.38:2251-2261"

B. USE OF BRAND NAMES AND STOCK NUMBERS: Where brand names and stock numbers are specified, it is for the purpose of establishing certain minimum standards of quality. Bids may be submitted for products of equal quality, provided brand names and stock numbers are specified. Complete product data may be required prior to award.

C. CANCELLATION OF CONTRACT: JEFFERSON PARISH reserves the right to cancel all or any part if not shipped promptly. No charges will be allowed for parking or cartage unless specified in quotation. The order must not be filled at a higher price than quoted. JEFFERSON PARISH reserves the right to cancel any contract at anytime and for any reason by issuing a THIRTY (30) day written notice to the contractor.

For good cause and as consideration for executing a contract with Jefferson Parish, vendor conveys, sells, assigns and transfers to Jefferson Parish or its assigns all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of Louisiana, relating to the particular good or services purchased or acquired by Jefferson Parish.

D. PRICES: Jefferson Parish is exempt from paying sales tax under LSA-R.S. 47:301 (8)(c). All prices for purchases by Jefferson Parish of supplies and materials shall be quoted in the unit of measure specified and unless otherwise specified, shall be exclusive of state and Parish taxes. The price quoted for work shall be stated in figures. In the event there is a difference in unit prices and totals, the unit price shall prevail.

Quantities listed are for bidding purposes only. Actual requirements may be more or less than quantities listed.

Bidders are not to exclude from participation in, deny the benefits of, or subject to discrimination under any program or activity, any person in the United States on the grounds of race, color, national origin, or sex; nor discriminate on the basis of age under the Age Discrimination Act of 1975, or with respect to an otherwise qualified handicapped individual as provided in Section 504 of the Rehabilitation Act of 1973, or on the basis of religion, except that any exemption from such prohibition against discrimination on the basis of religion as provided in the Civil Rights Act of 1964, or Title VI and VII of the Act of April 11, 1968, shall also apply. This assurance includes compliance with the administrative requirements of the Revenue Sharing final handicapped discrimination provisions contained in Section 51.55 (c), (d), (e), and (k)(5) of the Regulations. New construction or renovation projects must comply with Section 504 of the 1973 Rehabilitation Act, as amended, in accordance with the American National Standard Institute's specifications (ANSI A17.1-1961).

Advertised bids will be tabulated and a copy of the tabulation will be forwarded to each responding bidder.

**IN ACCORDANCE WITH STATE REGULATIONS JEFFERSON PARISH OFFERS ELECTRONIC PROCUREMENT TO ALL VENDORS**

This electronic procurement system allows vendors the convenience of reviewing and submitting bids online. This is a secure site and authorized personnel have limited read access only. Bidders are encouraged to submit electronically using this free service; while the website accepts various file types, one single PDF file containing all appropriate and required bid documents is preferred. Bidders submitting uploaded images of bid responses are solely responsible for clarity. If uploaded images/documents are not legible, then bidder's submission will be rejected. Please note all requirements contained in this bid package for electronic bid submission.

Please visit the Purchasing Department webpage at <http://purchasing.jeffparish.net> to register and review Jefferson Parish solicitations.

The general specifications for construction projects and the purchase of materials, services and/or supplies are those adopted by the JEFFERSON PARISH Council by Resolution No. 113646 or 113647 dated 12/09/09. The general conditions adopted by this resolution shall be considered as much a part of this document as if they were written wholly herein. A copy may be obtained from the Office of the Parish Clerk, Suite 6700, Jefferson Parish General Government Building, 200 Derbigny Street, Gretna, LA 70053. You may also obtain a copy by visiting the Purchasing Department webpage at <http://purchasing.jeffparish.net> and clicking on Online Forms.

**ADDITIONAL REQUIREMENTS FOR THIS BID**

PLEASE MATCH THE NUMBERS PRINTED IN THIS BOX WITH THE CORRESPONDING INSTRUCTIONS BELOW.

13, 15

1. All bidders must attend the MANDATORY pre-bid conference and will be required to sign in and out as evidence of attendance. In accordance with LSA R.S. 38:2212(I), all prospective bidders shall be present at the beginning of the MANDATORY pre-bid conference and shall remain in attendance for the duration of the conference. Any prospective bidder who fails to attend the conference or remain for the duration shall be prohibited from submitting a bid for the project.
2. Attendance to this pre-bid conference is optional. However, failure to attend the pre-bid conference shall not relieve the bidder of responsibility for information discussed at the conference. Furthermore, failure to attend the pre-bid conference and inspection does not relieve the successful bidder from the necessity of furnishing materials or performing any work that may be required to complete the work in accordance with the specification with no additional cost to the owner.
3. Contractor must hold current applicable JEFFERSON PARISH licenses with the Department of Inspection and Code Enforcement. Contractor shall obtain any and all permits required by the JEFFERSON PARISH Department of Inspection and Code Enforcement. The contractor shall be responsible for the payment of these permits. All permits must be obtained prior to the start of the project. Contractor must also hold any and all applicable Federal and State licenses. Contractor shall be responsible for the payment of these permits and shall obtain them prior to the start of the project.
4. A LA State Contractor's License will be required in accordance with LSA R.S. 37-2150 et. seq. and such license number will be shown on the outside of the bid envelope. Failure to comply will cause the bid to be rejected. Additionally if submitting the bid electronically, then the license number must be entered in the appropriate field in the Electronic Procurement system. Failure to comply will cause the bid to be rejected.
5. It is the bidder's responsibility to visit the job site and evaluate the job before submitting a bid.
6. Job site must be clean and free of all litter and debris daily and upon completion of the contract. Passageways must be kept clean and free of material, equipment, and debris at all times. Flammable material must be removed from the job site daily because storage will not be permitted on the premises. Precautions must be exercised at all times to safeguard the welfare of JEFFERSON PARISH and the general public.

**INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS**

7. **PUBLIC WORKS BIDS:** All awards for public works in excess of \$5,000.00 will be reduced to a formal contract which shall be recorded at the contractor's expense with the Clerk of Court and Ex-Officio Recorder of Mortgages for the Parish of Jefferson. A price list of recordation costs may be obtained from the Clerk of Court and Ex-Officio Recorder of Mortgages for the Parish of Jefferson. All awards in excess of \$25,000.00 will require both a performance and a payment bond. Unless otherwise stated in the bid specifications, the performance bond requirements shall be 100% of the contract price. Unless otherwise stated in the bid specifications, the payment bond requirements shall be 100% of the contract price. Both bonds shall be supplied at the signing of the contract.
8. **NON-PUBLIC WORKS BIDS:** A performance bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. The performance bond shall be supplied at the signing of the contract.
9. **NON-PUBLIC WORKS BIDS:** A payment bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. The payment bond shall be supplied at the signing of the contract.
10. Unless otherwise stated in the bid specifications, the successful bidder will be required to procure standard insurance policies evidencing Parish-mandated insurance requirements as indicated on the attached "insurance requirements" sheet. All bidders must comply with the instructions in this sheet. Failure to comply will cause bid to be rejected.
11. A bid bond will be required with bid submission in the amount of 5% of the total bid, unless otherwise stated in the bid specifications. Acceptable forms shall be limited to cashier's check, certified check, or surety bid bond. All sureties must be in original format (no copies) If submitting a bid online, vendors must submit an electronic bid bond through the respective online clearinghouse bond management system(s) as indicated in the electronic bid solicitation on Central Auction House. No scanned paper copies of any bid bond will be accepted as part of the electronic bid submission.
12. This is a requirements contract to be provided on an as needed basis. JEFFERSON PARISH makes no representations on warranties with regard to minimum guaranteed quantities unless otherwise stated in the bid specifications.
13. Freight charges should be included in total cost when quoting. If not quoted FOB DELIVERED, freight must be quoted as a separate item. Bid may be rejected if not quoted FOB DELIVERED or if freight charges are not indicated on bid form.
14. **PUBLIC WORKS BIDS - Completed, Signed and Properly Notarized Affidavits Required;** This applies to all solicitations for construction, alteration or demolition of public buildings or projects, in conformity with the provisions contained in LSA-RS 38:2212.9, LSA-RS 38:2212.10, LSA-RS 38:2224, and Sec 2-923.1 of the Jefferson Parish Code of Ordinances. For bidding purposes, all bidders must submit with bid submission COMPLETED, SIGNED and PROPERLY NOTARIZED Affidavits, including: Non-Conviction Affidavit, Non-Collusion Affidavit, Campaign Contribution Affidavit, Debt Disclosures Affidavit and E-Verify Affidavit. For the convenience of vendors, all affidavits have been combined into one form entitled PUBLIC WORKS BID AFFIDAVIT. This affidavit must be submitted in its original format, and without material alteration, in order to be compliant and for the bid to be considered responsive. A scanned copy of the completed, signed and properly notarized affidavit may be submitted with the bid, however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.
15. **NON PUBLIC WORK BIDS - Completed, Signed and Properly Notarized Affidavits Required** in conformity with the provisions contained in LSA – RS 38:2224 and Sec 2-923.1 of the Jefferson Parish Code of Ordinances. For bidding purposes, all bidders must submit with bid submission COMPLETED, SIGNED and PROPERLY NOTARIZED Affidavits, including: Non-Collusion Affidavit, Debt Disclosures Affidavit and Campaign Contribution Affidavit. For the convenience of vendors, all affidavits have been combined into one form entitled NON PUBLIC WORKS BID AFFIDAVIT. This affidavit must be submitted in its original format, and without material alteration, in order to be compliant and for the bid to be considered responsive. A scanned copy of the completed, signed and properly notarized affidavit may be submitted with the bid, however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.
16. The ensuing contract for this bid solicitation may be eligible for FEMA reimbursement and/or Federal funding/reimbursement. As such, the referenced appendix will be applicable accordingly and shall be considered a part of the bid documents. All applicable certifications must be duly completed, signed and submitted with bid submission. Failure to submit applicable certifications with bid submission will result in bid rejection.
17. For this project, the Contractor shall not pay any state or local sales or use taxes on materials and equipment which are affixed and made part of the immovable property of the project or which permanently incorporated in the project (hereinafter referred to as "applicable materials and equipment"). All purchases of applicable materials or equipment shall be made by the contractor on behalf of and as the agent of Jefferson Parish (Owner), a political subdivision of the State of Louisiana. No state and local sales and use taxes are owned on applicable materials and equipment under the provisions of Act 1029 of the 1991 Regular Session – Louisiana Revised Statute 47:301(8)(c). Owner will furnish contractor a certificate form which certifies that Owner is not required to pay such state or local sales and use taxes, and contractor shall furnish a copy of such certificate to all vendors or suppliers of the applicable materials and equipment

It shall be the duty of every parish officer, employee, department, agency, special district, board, and commission; and the duty of every contractor, subcontractor, and licensee of the parish, and the duty of every applicant for certification of eligibility for a parish contract or program, to cooperate with the Inspector General in any investigation, audit, inspection, performance review, or hearing pursuant to Jefferson Parish Code of Ordinances Section 2-155.10(19). By submitting a bid, vendor acknowledges this and will abide by all provisions of the referenced Jefferson Parish Code of Ordinances.

**All Public Work Projects are required to use the Louisiana Uniform Public Work Bid Form**

All prices must be held firm unless an escalation provision is requested in this bid. Jefferson Parish will allow one escalation during the term of the contract, which may not exceed the U.S. Bureau of Labor Statistics National Index for all Urban Consumers, unadjusted 12 month figure. The most recently published figure issued at the time an adjustment is requested will be used. A request must be made in writing by the vendor, and the escalation will only be applied to purchases made after the request is made.

Are you requesting an escalation provision?

YES \_\_\_\_\_ NO ✓

MAXIMUM ESCALATION PERCENTAGE REQUESTED N/A %

INITIAL BID PRICES WILL REMAIN FIRM THROUGH THE DATE OF 12/31/10

For the purposes of comparison of bids when an escalation provision is requested, Jefferson Parish will apply the maximum escalation percentage quoted by the bidder to the period to which it is applied in the bid. The initial price and the escalation will be used to calculate the total bid price. It will be assumed, for comparison of prices only, that an equal amount of material or labor is purchased each month throughout the entire contract.

**DELIVERY: FOB JEFFERSON PARISH**

INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES

120 DAYS

LOUISIANA CONTRACTOR'S LICENSE NO.: (if applicable) \_\_\_\_\_

**THIS SECTION MUST BE COMPLETED BY BIDDER:**

FIRM NAME: Kenworth of South Louisiana LLC

ADDRESS: 3699 West Park Ave

CITY, STATE: Gray LA ZIP: 70359

TELEPHONE: (985 ) 876-3000 FAX: (985 ) 876-4452

EMAIL ADDRESS: scott@kwloouisiana.com

In the event that addenda are issued with this bid, bidders MUST acknowledge all addenda on the bid form. Bidder must acknowledge receipt of an addendum on the bid form as indicated. Failure to acknowledge any addendum on the bid form will result in bid rejection.

Acknowledge Receipt of Addenda: NUMBER: 50-00117338 #1

NUMBER: \_\_\_\_\_

NUMBER: \_\_\_\_\_

NUMBER: \_\_\_\_\_

TOTAL PRICE OF ALL BID ITEMS: \$ 347,510<sup>00</sup>

AUTHORIZED SIGNATURE: [Signature]

Scott Oliphant

TITLE: President

Printed Name

SIGNING INDICATES YOU HAVE READ AND COMPLY WITH THE INSTRUCTIONS AND CONDITIONS.

NOTE: All bids should be returned with the BID NUMBER and BID OPENING DATE indicated on the outside of the envelope submitted to the Purchasing Department.

DATE: 8/10/2016

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00117338

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
1	1.00	EA	PURCHASE OF COMBINATION VACUUM SEWER CLEANER TRUCK FOR THE JEFFERSON PARISH DEPARTMENT OF PUBLIC WORKS  0001 - COMBINATION VACUUM CLEANING TRUCK	\$ 347,510 <sup>00</sup>	\$ 347,510 <sup>00</sup>

**CORPORATE RESOLUTION**

EXCERPT FROM MINUTES OF MEETING OF THE BOARD OF DIRECTORS OF  
Kenworth of South Louisiana LLC

---

INCORPORATED.

AT THE MEETING OF DIRECTORS OF Kenworth of South Louisiana LLC  
INCORPORATED, DULY NOTICED AND HELD ON 08/25/2116,  
A QUORUM BEING THERE PRESENT, ON MOTION DULY MADE AND SECONDED. IT  
WAS:

RESOLVED THAT Scott Oliphant, BE AND IS HEREBY  
APPOINTED, CONSTITUTED AND DESIGNATED AS AGENT AND ATTORNEY-IN-  
FACT OF THE CORPORATION WITH FULL POWER AND AUTHORITY TO ACT ON  
BEHALF OF THIS CORPORATION IN ALL NEGOTIATIONS, BIDDING, CONCERNS  
AND TRANSACTIONS WITH THE PARISH OF JEFFERSON OR ANY OF ITS AGENCIES,  
DEPARTMENTS, EMPLOYEES OR AGENTS, INCLUDING BUT NOT LIMITED TO, THE  
EXECUTION OF ALL BIDS, PAPERS, DOCUMENTS, AFFIDAVITS, BONDS, SURETIES,  
CONTRACTS AND ACTS AND TO RECEIVE ALL PURCHASE ORDERS AND NOTICES  
ISSUED PURSUANT TO THE PROVISIONS OF ANY SUCH BID OR CONTRACT, THIS  
CORPORATION HEREBY RATIFYING, APPROVING, CONFIRMING, AND ACCEPTING  
EACH AND EVERY SUCH ACT PERFORMED BY SAID AGENT AND ATTORNEY-IN-  
FACT.

I HEREBY CERTIFY THE FOREGOING TO BE  
A TRUE AND CORRECT COPY OF AN  
EXCERPT OF THE MINUTES OF THE ABOVE  
DATED MEETING OF THE BOARD OF  
DIRECTORS OF SAID CORPORATION, AND  
THE SAME HAS NOT BEEN REVOKED OR  
RESCINDED.



---

**SECRETARY-TREASURER**

08/25/2016

---

**DATE**

## **Non-Public Works Bid Affidavit Instructions**

- **Affidavit is supplied as a courtesy to Affiants, but it is the responsibility of the affiant to insure the affidavit they submit to Jefferson Parish complies, in both form and content, with federal, state and parish laws.**
- **Affidavit must be signed by an authorized representative of the entity or the affidavit will not be accepted.**
- **Affidavit must be notarized or the affidavit will not be accepted.**
- **Notary must sign name, print name, and include bar/notary number, or the affidavit will not be accepted.**
- **Affiant MUST select either A or B when required or the affidavit will not be accepted.**
- **Affiants who select choice A must include an attachment or the affidavit will not be accepted.**
- **If both choice A and B are selected, the affidavit will not be accepted.**
- **Affidavit marked N/A will not be accepted.**
- **It is the responsibility of the Affiant to submit a new affidavit if any additional campaign contributions are made after the affidavit is executed but prior to the time the council acts on the matter.**

*Instruction sheet may be omitted when submitting the affidavit*

**Non-Public Works Bid**

**AFFIDAVIT**

STATE OF Louisiana

PARISH/COUNTY OF Terrebonne

BEFORE ME, the undersigned authority, personally came and appeared: Scott Oliphant, (Affiant) who after being by me duly sworn, deposed and said that he/she is the fully authorized President of Kenworth of South Louisiana LLC (Entity), the party who submitted a bid in response to Bid Number 50-00117338, to the Parish of Jefferson.

Affiant further said:

Campaign Contribution Disclosures

**(Choose A or B, if option A is indicated please include the required attachment):**

**Choice A**   x   Attached hereto is a list of all campaign contributions, including the date and amount of each contribution, made to current or former elected officials of the Parish of Jefferson by Entity, Affiant, and/or officers, directors and owners, including employees, owning 25% or more of the Entity during the two-year period immediately preceding the date of this affidavit or the current term of the elected official, whichever is greater. Further, Entity, Affiant, and/or Entity Owners have not made any contributions to or in support of current or former members of the Jefferson Parish Council or the Jefferson Parish President through or in the name of another person or legal entity, either directly or indirectly.

**Choice B**        there are **NO** campaign contributions made which would require disclosure under Choice A of this section.

Debt Disclosures

**(Choose A or B, if option A is indicated please include the required attachment):**

**Choice A** \_\_\_\_\_ Attached hereto is a list of all debts owed by the affiant to any elected or appointed official of the Parish of Jefferson, and any and all debts owed by any elected or appointed official of the Parish to the Affiant.

**Choice B** \_\_\_\_\_<sup>x</sup> There are **NO** debts which would require disclosure under Choice A of this section.

Affiant further said:

That Affiant has employed no person, corporation, firm, association, or other organization, either directly or indirectly, to secure the public contract under which he received payment, other than persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project or in securing the public contract were in the regular course of their duties for Affiant; and

*[The remainder of this page is intentionally left blank.]*

That no part of the contract price received by Affiant was paid or will be paid to any person, corporation, firm, association, or other organization for soliciting the contract, other than the payment of their normal compensation to persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project were in the regular course of their duties for Affiant.

Signature of Affiant

Scott Oliphant

Printed Name of Affiant

SWORN AND SUBSCRIBED TO BEFORE ME

ON THE 25 DAY OF August, 2016.

Notary Public

Melissa Bonvillain

Printed Name of Notary

133041

Notary/Bar Roll Number

My commission expires lifetime.



---

AMOUNT	\$1,000.00
OFFICE	JEFFERSON PARISH COUNCIL
NAME	PAUL JOHNSTON

Print

Notary Search - Detail

**Name:** MS. MELISSA BONVILLAIN  
**Address:** 305 BLAKEFIELD DRIVE  
SCHRIEVER, LA 70395  
  
**Phone:** (985) 387-0883  
  
**Notary ID Number:** 133041  
**Parish:** TERREBONNE with STATEWIDE JURISDICTION  
**Agency:** N/A  
**Notary Type:** Non Attorney  
**Status:** Active  
  
**Commission Date:** 08/16/2013  
**Oath Date:** 08/06/2013  
**Surety Expiration Date:** 08/16/2018  
**Annual Report Current:** Yes

[Back to Search Results](#) [New Search](#)



# CERTIFICATE OF GARAGE INSURANCE

DATE (MM/DD/YYYY)

07/21/2016

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> GMAC Risk Services 5000 Dearborn Circle Suite 200 Mt. Laurel NJ 08054		<b>CONTACT NAME:</b> Dealer Products <b>PHONE (A/C, No, Ext):</b> 856-437-2230 <b>E-MAIL ADDRESS:</b> Dealerproducts@ally.com <b>FAX (A/C, No):</b> 866-955-6665	
		<b>INSURER(S) AFFORDING COVERAGE</b>	
		INSURER A : Harco National Insurance Company	
		NAIC # 26433	
<b>INSURED</b> Kenworth of South Louisiana LLC DBA Kenworth of Louisiana  3699 WEST PARK AVE GRAY LA 70359		<b>INSURER B :</b> <b>INSURER C :</b> <b>INSURER D :</b> <b>INSURER E :</b> <b>INSURER F :</b>	

**COVERAGES**    **PROD / CUSTOMER ID:**    **CERTIFICATE #:**    **REVISION #:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	<b>GARAGE LIABILITY</b> <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> NON-OWNED AUTOS USED IN GARAGE BUSINESS <input checked="" type="checkbox"/> Any Auto <input type="checkbox"/> HIRED AUTOS ONLY			CPP0006383-01	11/01/2015	11/01/2016	AUTO ONLY (Ea accident)	\$ 500,000
							OTHER THAN AUTO ONLY	EA ACCIDENT \$ 500,000 AGGREGATE \$ N/A
A	<b>GARAGE KEEPERS LIABILITY</b> <input checked="" type="checkbox"/> LEGAL LIABILITY <input type="checkbox"/> DIRECT BASIS <input type="checkbox"/> PRIMARY <input type="checkbox"/> EXCESS			CPP0006383-01	11/01/2015	11/01/2016	<input checked="" type="checkbox"/> COMP / OTC <input type="checkbox"/> SPECIFIED PERILS <input checked="" type="checkbox"/> COLLISION	LOC \$ 500,000 LOC \$ LOC \$ 500,000 LOC \$
	<b>GENERAL LIABILITY</b> <input type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC			Included in Garage Liability				EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMPI/OP AGG \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED    RETENTIONS \$			BU-0006383-01	11/01/2015	11/01/2016		EACH OCCURRENCE \$ 10,000,000 AGGREGATE \$ N/A \$
	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under REMARKS below    Y/N    N/A						<input type="checkbox"/> WC STATU-TORY LIMITS <input type="checkbox"/> OTH-ER	E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$

REMARKS (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

BID NO. 50-00116741. General Liability is included in Garage Liability.

**CERTIFICATE HOLDER****CANCELLATION**

The Parish of Jefferson, its Districts, Departments, and Agencies under the direction of the Parish President and the Parish Council  
 Jefferson Parish Department of Fleet Management  
 4901 Jefferson Hwy., Suite A  
 Jefferson, LA 70121

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Michael Schmidt

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**ADDITIONAL REMARKS SCHEDULE**

AGENCY GMAC Risk Services		NAMED INSURED	
POLICY NUMBER CPP0006383-01		SOUTHLAND TRUCK GROUP LLC 1001 EDWARDS AVE	
CARRIER Harco National Insurance Company	NAIC CODE 26433	HARAHAN, LA 70123	
		EFFECTIVE DATE:	11/01/2015

**ADDITIONAL REMARKS**

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,  
 FORM NUMBER: 30 FORM TITLE: Certificate of Garage Liability

**NAMED INSUREDS LISTED ON POLICY:**

- Southland Truck Group
- Southland Truck Group, LLC
- Kenworth of South Louisiana LLC DBA Kenworth of South Louisiana
- Kenworth of South Louisiana LLC DBA Kenworth of Louisiana
- Southland International of Louisiana, LLC
- Southland International of Louisiana, LLC dba Southland Trailer Sales
- Southland Idealease, LLC (dormant)
- Southland Truck Leasing LLC dba Southland PacLease
- Southland International Real Estate Holdings, LLC
- Kenworth of South Louisiana, LLC
- Southland Truck Parts, LLC dba Kenworth of South Louisiana
- Southland Performance Parts and Machine, LLC (dormant)
- Teuton-Roddy Properties, LLC
- Southland Trailer, Inc.
- Teuton-Caro Development, LLC
- Southland Packard Properties, LLC (dormant)
- Southland Leasing of Louisiana, LLC
- Kenworth of South Louisiana LLC DBA Kenworth of Louisiana

**LOCATION SCHEDULE:**

- 1001 EDWARDS AVE, HARAHAN, LA 70123
- 3699 WEST PARK AVE, GRAY, LA 70359
- 3701 WEST PARK AVE, GRAY, LA 70359
- 3729 WEST PARK AVE, GRAY, LA 70359
- 813 VETERANS DR., CARENCRO, LA 70520
- 1302 BRIDGEVIEW DR, PORT ALLEN, LA 70767
- 1758 HWY 3185, THIBODAUX, LA 78301
- 441 S. GOODMAN RD, LAKE CHARLES, LA 70615
- 3876 INDUSTRIAL CIRCLE, BOSSIER CITY, LA 71112
- 3876 Industrial Circle, Bossier City, LA 71112

License No. N - 2015 - 00223  
DPS Code: NGKA

2015 - 2017

Not Transferable  
Valid Only at Address Below

# Louisiana Motor Vehicle Commission

This Certifies that

Kenworth of South Louisiana, L.L.C.  
DBA Kenworth of South Louisiana  
3699 West Park Avenue  
Gray, LA 70359

Joe Teuton, Jr., Scott E. Oliphant, Jodie L. Teuton, Joe Teuton, III, Dealer-Operators

is duly licensed as a  
New Motor Vehicle Dealer  
of the following make or makes  
Kenworth



For the period ending October 31, 2017, unless license is sooner revoked.

In Witness whereof, **LOUISIANA MOTOR VEHICLE COMMISSION**, under and by virtue of the authority vested in it by the laws of the State of Louisiana, has caused this license to be issued with its seal imprinted hereon.

Dated November 1, 2015  
Signed, Sealed and Attested

**LOUISIANA MOTOR VEHICLE COMMISSION**

  
Executive Director

  
Chairman

(To be prominently displayed in place of business)

License No. N - 2015-00101  
DPS Code: NHKE

2015-2017

Not Transferable  
Valid Only at Address Below

# Louisiana Motor Vehicle Commission

This Certifies that

Kenworth of South Louisiana, L.E.C.  
DBA Kenworth of South Louisiana  
1001 Edwards Avenue  
Harahan, LA 70123  
Joe Teuton, Jr., Scott E. Oliphant, Jodie L. Teuton, Joe Teuton, III, Dealer-Operators  
is duly licensed as a  
New Motor Vehicle Dealer  
of the following make or makes  
Kenworth



For the period ending April 30, 2017,

unless license is sooner revoked.

In Witness whereof, LOUISIANA MOTOR VEHICLE COMMISSION, under and by virtue of the authority vested in it by the laws of the State of Louisiana, has caused this license to be issued with its seal imprinted hereon.

Dated May 1, 2015  
Signed, Sealed and Attested

LOUISIANA MOTOR VEHICLE COMMISSION

*[Signature]*  
Executive Director

*[Signature]*  
Chairman

(To be prominently displayed in place of business)



# JEFFERSON PARISH

Department of Purchasing

Michael S. Yenni  
Parish President

Brenda J. Campos  
Director

August 12, 2016

ADDENDUM # 1

Bid No.: 50-00117338

Bid Opening Date: August 25, 2016

For: Purchase of Combination Vacuum Sewer Cleaner Truck for the Jefferson Parish Department  
of Public Works

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ADDITIONS.

Attached are the specifications for the chassis.

Sincerely,

*Misty A. Camardelle*

---

Misty A. Camardelle, Buyer II  
Jefferson Parish Purchasing Department

**Bidders must acknowledge all addenda on the bid form. Bidder acknowledges receipt of  
this addendum on the bid form as indicated. Failure to do so will result in bid rejection.**

This addendum is a part of the contract documents and modifies the original bidding documents and specifications. The contents of this addendum shall be included in the contract documents. Changes made by this addendum shall take precedence over the documents of earlier date.

## CHASSIS SPECIFICATIONS

### GENERAL SUMMARY

114sd 4x2 auto

Gvwr: 43000 lbs., front: 20000 lbs., rear: 23000 lbs.

*Comply*

Wb: 252" ca: 168.5" af: 75"

Engine, diesel: cum isl 370 hp @ 2000rpm, 2100 gov rpm, 1250 lb./ft. @ 1400rpm

Transmission, automatic: Allison 3000 rds with pto provision

Axle, front non-driving: Detroit da-f-20.0-5 20000 lbs. fl1 71.0 kpi/3.74 drop single front axle

Axle, rear, single: rs-23-160 23000-lb capacity, ratio 5.63

### ELECTRONIC PARAMETERS

*Comply*

Governor: PTO governor ramp rate – 200 rpm per second

### ENGINE EQUIPMENT

*Comply*

Cummins isl 370 hp @ 2000rpm, 2100 gov rpm, 1250 lb./ft. @ 1400rpm

Air compressor: Cummins turbocharged 18.7 cfm with internal safety valve

Exhaust system: single, vertical tailpipe & guard

Muffler/tailpipe: after treatment, under step mounted

Switch, exhaust: Cummins exhaust brake integral with variable geometry turbo with on/off dash switch

Jump start: positive and negative posts located on frame next to starter

AlternatorDr 12v 160 amp 28-sissi Quadra mount pad with remote battery volt sense

Battery system: (2) Alliance model 1231, group 31, 12 volt maintenance free 2250 cca threaded stud batteries

Battery box with cover: non-polished

Fuel filter: Cummins spin on type

Fuel filter/ water separator: alliance with primer pump

Oil filter, engine: combination full flow/bypass

Fan drives: Horton 2-speed drive master polar extreme fan drive

Radiator: 1300 sq.” aluminum

Anti-freeze: antifreeze to -34f, noat extended life coolant

Hose clamps, radiator hoses: gates blue stripe or equivalent, constant tension hose clamps for coolant hoses

Air cleaner: Donaldson, side of hood air intake with firewall

Starting motor: Delco 38mt HD 12v with integrated magnetic switch

### **TRANSMISSION EQUIPMENT**

*Comply*

Allison 3000rds automatic transmission with PTO provision

Transmission oil pan: magnetic

Transmission shift control: push button, electronic, dash mounted

Allison vocational package 223 – available on 3000/4000 product families with vocational models rds, hs, mh, and trv

Shift control parameters: primary and secondary – lowest gear 1, start gear 1, highest gear 6

PTO effects, engine front: mounted rh side of main transmission

Wiring, chassis: vehicle interface wiring with body builder connector mounted back of cab

### **FRONT AXLE AND EQUIPMENT**

*Comply*

Detroit da-f-20.0-5 20000 lbs. fl1 71.0 kpi/3.74 drop single front axle

Brakes, front, air-cam: Meritor 16.5x6 q+ cast spider cam

Slack adjusters, automatic: Meritor, front

Dust shields: front brake

Steering gear: trw thp-60 with rch45 auxiliary gear

Power steering: 4 quart power steering reservoir

### **FRONT SUSPENSION**

*Comply*

Suspension, front: 20000lbs capacity, with shock absorbers

Spring pins: graphite bronze bushings with seals

### REAR AXLE AND EQUIPMENT

Axle, rear, single: rs-23-160 23000 lbs. capacity, ratio 5.63

*Comply*

Rear axle drain plug: magnetic for single rear axle

Dust shields: rear brake

Slack adjusters, automatic: Meritor, rear

Brake chambers, rear axle: haldex gold seal long stroke 1-drive axle spring parking chambers

Brakes, rear, air-cam: Meritor 16.5x7 q+ cast spider cam rear brakes, double anchor, fabricated shoes

### REAR SUSPENSION

*Comply*

Suspension, RR, spring-2.25" axle spacer

Suspension, rear, single: 30000 lbs. capacity, standard U-bolt pad, fore/aft control rods

### BRAKE SYSTEM

*Comply*

Brake system: wabco 4s/4m abs without traction control

Brake lines: reinforced nylon, fabric braid, and wire braid chassis airlines

Drain valves: standard brake system valves

Parking brake valve: for truck, standard

Air brake, abs: {wabco antilock brake system}

Air dryer: bw ad-ip with heater

Air dryer location: mounted outboard on rh rail back of cab, maximum 20" back of cab protrusion

### FUEL TANKS

*Comply*

Fuel tank: 100 gallon, aluminum-lh, 25" diam., plain aluminum/painted steel fuel/hydraulic tank(s) with painted bands

Fuel filter/water separator: alliance, with primer pump

## TIRES

*Comply*

Tire, front: Michelin xzy-3 425/65r22.5 20 ply radial

Tire, rear: Michelin xde m/s 11r22.5 14 ply radial

## WHEELS

Wheels, front: Alcoa lvl one 82462x22.5x12.25 10-hub pilot 4.68 inset 10-hand aluminum disc, with pre-set bearing iron front hubs

Wheels, rear: Alcoa lvl one 88367x22.5x8.25 10-hub pilot aluminum disc, with pre-set bearing iron rear hubs

*Comply*

## CAB EXTERIOR

Glass: all windows tinted

Grab handle: lh and rh sides

Grille: stationary, black finish

Front end: fiberglass hood

Headlights: integral headlight/marker assembly

Horn: single, electric

Parking light: integral with led stop/tail/turn/backup lights

Running light: daytime – low beam only

Stop, turn, tail & b/u lights: Grote #54332, grommet mounted with separate Grote #62401 led backup lights

Mirrors: dual west coast molded-in color, door mounted, lh and rh 8" molded-in color convex mirrors mounted under primary mirrors

*Comply*

## CAB INTERIOR

Cab: conventional, opal gray vinyl

Arm rests: lh and rh integral door panel

Clearance/marker lights: led aerodynamic marker lights

Cup holders: (2) cup holders lh and rh dash

Dome light: 3-way switch activated by lh and rh doors

*Comply*

Cigar lighter: with ash tray, dash mounted

Seat, driver: basic high back air suspension seat with mechanical lumbar and integrated cushion extension

- Seat belt: 3-point fixed d-ring retractor

Seat, passenger: basic high back non-suspension seat

- Seat belt: 3-point fixed d-ring retractor

Air conditioner: heater and defroster

- Clamps, heater: standard heater plumbing

HVAC: standard HVAC ducting

Console, overhead: forward roof mounted console with upper storage compartments without netting

Door trim panels: molded plastic driver and passenger door panels

Floor covering: black mats with single insulation

Instrument panel: molded plastic, gray driver and center

Storage pocket: in dash storage bin

Sun visor: driver and passenger interior sun visors

Steering column: fixed

Steering wheel: 4 spoke 18" diam

Electrical system: 12 volt negative ground system

### **INSTRUMENTS AND CONTROLS**

*Comply*

Instrument panel: gray driver and center

Hazard switch: integral electronic turn signal flasher with hazard lamps overriding stop lamps

Headlight dimmer: integral with self-cancelling turn signal handle

Starter switch: electric key operated

Turn signal switch: self-cancelling for trucks

Turn signals, front: integral electronic flasher with hazard lamps overriding stop lamps

Windshield wiper, switch: integral with turn signal handle

Windshield wiper: single electric motor with delay

Radio: AM/FM/WB radio with front auxiliary input, dash mounted

- Speakers: (2) speakers in cab
- Antenna: AM/FM mounted on forward lh roof

Cruise control: electronic with switches in lh switch panel

Engine shutdown: ignition controlled engine stop with control mounted at firewall

Gauge, air pressure: low air pressure light and buzzer

Gauge cluster: 2" electric fuel gauge, electric engine oil pressure gauge, electronic 3000 rpm tachometer, digital voltage display

Odometer display: trip/hour/diagnostic/voltage /26 warning lamps

#### **COLOR AND DESIGN**

Paint schematic: 10006eb white elite

Paint type: high solids polyurethane chassis paint

#### **WARRANTY**

Extended warranty: towing extended/roadside service warranty, 2 year/ unlimited miles/km,

Federal emissions: 2013 obd/2010 epa/carb/ghg14 escalator

*Comply*

*Comply*



**SPECIFICATIONS - COMBINATION SEWER CLEANER**

**PD4290H/1000 (827 at 18")**

**COMPLY, Indicate: Yes or No**

**GENERAL**

Yes  No

The machine is capable of removing stones, grit, grease, sludge and other debris from sanitary sewer and/or storm drain lines by the flushing action of high-pressure water. The high-pressure sewer cleaner operates independent of the vacuum system.

The machine includes an air conveying vacuum system to provide for the simultaneous removal of the debris flushed to the manhole by the high-pressure water system or for the removal of debris from sewers, sumps, catch basins, digesters, wet wells, bar screens, etc.

The machine is capable of being operated by one man, with all operating controls for high-pressure water pump, hose reel, and vacuum, located at the front of the machine for safety.

**DEBRIS BODY**

Yes  No

Debris storage body has a minimum usable liquid capacity of 9 cubic yards. The debris body shall be round for maximum strength and constructed of 3/16 inch ASTM A242 Corten A steel for enhanced corrosion resistance.

The rear door shall be dished and flanged for maximum strength, full opening, hinged at the top with low profile and adjustable style hinges.

There shall be a 6" diameter liquid drain valve, "knife valve type" and screen weldment inside for removing excess liquids. Drain will have 10 feet of 6 inch lay flat hose.

The rear door shall be supplied with a debris deflector shield located inside the debris tank that encompasses 75 percent of the rear door. The debris deflector shield shall deflect material from rear door, and aid in draining off excess liquids.

A rear door safety prop shall be provided. For ease of maintenance there shall be no hydraulic components located inside the debris body or rear door.

The debris body has five (5) externally mounted door locks that lock hydraulically. One manual T bolt is installed for operator safety. Hydraulic operated, heavy duty wedge style door locks shall be installed. The door locks shall be operated by two double acting hydraulic cylinders. The rear door shall also hydraulically open and close (raise and lower) by means of two double acting hydraulic cylinders. The unlocking-opening and the closing-locking operations shall be controlled by a single switch and sequence valve. In order to allow the operator to control the discharging of liquids from the debris tank by cracking open the door prior to the dumping procedure, the hydraulic grabber shall engage the door at the bottom of the door from 0" - 6". Beyond the 6" stroke, the grabber shall automatically disengage the door, allowing for the dumping of the debris tank.

Dual steel weldments with stainless steel screen 8" x 28" each providing up to 1200 square inches of added filtration for the vacuum system shall be provided inside the debris tank. These weldments shall be removable and require no cutting or welding.

A double acting power up/power down hydraulic scissors lift mechanism will be provided to raise body to a minimum 60 degree angle. The scissors lift mechanism shall be designed to support a minimum of 24 inches of the debris tank width to provide stability and when dumping on uneven ground. The lift capacity of hydraulic scissors lift cylinder is 56,000 lbs.

Dump controls are located on curbside mid-ship of the unit, well forward of the dumping area for operator safety. A manual override system is provided in case of system failure.

The debris body has a five year warranty. A copy of manufacturer's warranty statement shall be enclosed with bid. If pro-rated so state: \_\_\_\_\_

An internal polyethylene float device with external indicator is supplied to show when body is loaded to capacity.

**AUTOMATIC VACUUM BREAKER** Yes  No

The automatic vacuum breaker assembly is located inside the body.

The automatic vacuum breaker assembly shall be controlled by an electric over hydraulic circuit. The entire system shall be replaceable via a bolt on assembly. The assembly shall consist of a 12" inlet and two 8" ports that provide air flow to the vacuum system.

A full indication activates an automatic vacuum breaker shut down system that completely shuts down 100 percent of the airflow to the vacuum system to prevent overfilling and wastewater discharge into the atmosphere.

The vacuum breaker system is automatically activated (closed) when the parking brake system is released to eliminate carryover during transit.

The system is controlled/activated, at the front hose reel control station. This enables the operator to pick up large debris with boom and place debris on the road surface. This system can be used for safety in the event suction must be shut off in case of an emergency.

**POSITIVE DISPLACEMENT BLOWER** Yes  No

A lobe type positive displacement blower shall be provided capable of 6000 CFM's and 18" of Hg. with cyclone separator. Control of the blower regarding start, stop and the rate of vacuum suction is performed from the front of the truck. A vacuum suction breaker disconnect switch is provided to enable operator to pick up large debris with boom and place debris on road surface. The vacuum system shall operate independent of the high-pressure water system.

The compressor is driven by the chassis engine via a closed loop hydrostatic system using a variable high volume piston pump and motor. The high volume displacement pump shall provide the same vacuum performance at 30% lower engine rpm. The lower operating rpm shall reduce fuel consumption by as much as 40%. This system shall include a heat exchanger for extreme ambient conditions and to maintain the pump suction oil temp at 160 deg. F. max. The heat exchanger shall be protected by a 30-micron filter and cold weather by pass valve. Hydrostatic loop filtration shall be accomplished by a 10 Beta micron return filter and a 10-micron Absolute (no bypass) charge filter.

The blower is protected by (2) two 3" diameter vacuum relief valves. The system incorporates an air/water separator and a sound silencer to separate material before it enters blower and to ensure quiet operation.

A means of starting, stopping and varying the vacuum suction from operator station at the front of the machine is provided.

The blower is mounted on a frame independent of the water tank.

Unit must be capable of vacuuming under water without air induction. A manometer/vacuum test may be required to demonstrate the system performance.

The positive displacement blower have a 12-month non-prorated warranty.

**VACUUM PICK UP HOSE** Yes  No

Shall be front loading, attached at the front of the machine in order to provide ease of positioning the machine over the manhole, as well as afford maximum safety for the operator.

The 8" will be mounted on a boom that will provide a minimum of 18' vertical lift utilizing dual hydraulic cylinder and 230 degree of boom rotation powered hydraulically for non-interrupted smooth movement. Boom to have a lift capacity of 500 lbs. at the front bumper.

The boom will be powered by an electric over hydraulic system: up/down by dual lift cylinders. The right/left movements shall be hydraulic via worm gear rotation.

The boom shall hydraulically telescope a minimum of 10 ft. forward from the operators station. The height of the boom shall not change while the boom is being telescoped. A manual override system shall be provided for right/left, and up/down functions in case of system failure.

Control of the boom is by means of a joystick control at the operator's station, requiring no cables at operator's feet for boom operation. A wireless remote control will be provided for Boom, Vacuum Breaker, Chassis Throttle, and Debris Body functions. A manual override system shall be provided for right/left, and up/down functions in

case of system failure.

A boom coverage chart shall be provided stating the square feet the boom covers.

8 inch diameter pipe extensions with clamps will be provided and carried on the truck as follows:

- 1 6-1/2' Catch Basin Nozzle
- 3 6' Aluminum Pipe Extension
- 1 5' Aluminum Pipe Extension
- 1 3' Aluminum Pipe Extension
- 2 spare quick clamps

**WATER SUPPLY**

Yes  No

The water tanks shall have a minimum usable capacity of 1000 U.S. gallons.

The water tanks shall be constructed of non-corrosive, non-metallic, durable, cross-linked polyethylene to eliminate rust, corrosion, and stress cracking.

The water tanks shall be mounted at and below the truck frame level to provide a low center of gravity for truck stability.

A 2-1/2 inch diameter x 25 feet long hydrant hose with hydrant wrench is supplied on the unit.

An anti-siphon fill device is installed on the unit.

Inspection ports shall be provided to fill or to add chemicals to the water system.

A sight gauge to indicate water level is located within sight of the operator station.

The water tanks are protected by a minimum of 11 gauge steel plating mounted below the water tanks for protection against road hazards when unit travels over the road, off the road or to land fills.

The water tanks carry a ten year replacement warranty.

**AUXILIARY ENGINE (WATER PUMP DRIVE ENGINE)**

Yes  No

Ford Power Products Gas WSG-1068, 6.8 Liter, (415 CID) (10)-Cylinder, V-10, 222HP at 3200RPM/360 ftlbs at 3200RPM

**HIGH-PRESSURE WATER PUMP**

Yes  No

The high pressure water pump shall be rated to deliver smooth continuous pressure and flow through the entire flow range of the pump. The high pressure shall have smooth continuous flow for both the high pressure system and the hand gun system.

A continuous duty flow of 80 g.p.m. and 2000 p.s.i shall be provided.

High-pressure relief valves are provided for both the high-pressure system and hand gun system.

The water pump operates independently of the vacuum system and is powered by the auxiliary engine via clutchless, direct dual powerband drive system.

The high-pressure water pump drive system carries a five year replacement warranty. Warranty excludes the drive engine, i.e. auxiliary engine.

The water pump is capable of running dry.

Controls for starting and stopping the water pump and to vary the flow and pressure shall be at the front hose reel operator's station.

The high-pressure water pump is equipped with a cold weather drain valve. The valve allows the operator to completely drain the high-pressure pump.

**HOSE REEL ASSEMBLY**

Yes  No

The hose reel assembly is mounted on the front of the vehicle. The hose reel shall have a minimum of 30" inside diameter with a capacity of 800' x 1" hose. The hose reel is equipped with a cage - Lexan style. The hose reel is hydraulically powered in both directions by means of a double chain and sprocket drive. The controls for operating the motor have a flow control device to regulate the rotational speed of the reel in both directions. All hydraulic

hoses are behind a steel housing to protect operator from hydraulic oil if a hose fails. The hydraulic motor, chain, and sprockets have a protective cover or are mounted on the radiator side of the hose reel for operator safety. The hose reel articulates 180 degrees to the drivers side allowing operator to work in any position through this arc. This allows greater flexibility in truck placement for manholes located in tough areas and provides greater safety to the operator. Reel extends beyond the width of unit for greater flexibility for positioning reel over offset manholes, catch basins, etc. A hydraulically controlled outrigger leg is supplied that comes in contact with the ground at any one position. A warning light is located in the cab to warn the operator that the outrigger leg is not in its transported position prior to moving the unit. A manual bypass system for the hose reel assembly is provided to manually pull the reel assembly away from its transported position. This feature allows operator to check fluids without starting engines.

#### JET HOSE

Yes  No

800' x 1" jet rodder hose will be supplied rated for 2500 psi working pressure and 6250 psi burst pressure.

A heavy duty hose guide with 25' of nylon rope will be provided.

Nozzles shall be hardened steel with replaceable ceramic orifices as follows: 1) Chisel head penetrator & 1) standard sanitary.

#### MANHOLE CLEANING WATER SYSTEM (HAND GUN)

Yes  No

The high-pressure pump and independent water tank assembly supplied shall be used for manhole cleaning. A smooth continuous flow of 20 g.p.m. and pressure of 600 p.s.i. shall be provided for ease of operation. A hand gun pressure relief valve set at 600 p.s.i. shall be provided. One full functioning hand gun with on/off hand control, replaceable nozzle tip, 12 inch extension, adjustable spray and 50' x 1/2" hose with retractable reel will be provided.

The hand gun will attach to the system via a quick couple connection at the curbside of the unit. To avoid being coiled at the operator's station a hand gun holder will be provided at the front bumper.

#### HYDRAULIC SYSTEM AND LUBRICATION

Yes  No

The hydraulic system has a 55-gallon capacity.

The hydraulic system shall incorporate a main shut off valve in case of hydraulic failure.

The hydraulic system shall incorporate hydraulic pressure relief valves and pressure gauges for ease of trouble shooting and maintenance.

The unit is equipped on the passenger side, mid-section of the module, a permanent weatherproof white vinyl lubrication chart that points out lubrication points on the module and specifies what type of lubrication and hydraulic fluids are required. The chart also specifies the frequency of each lubrication point.

Remote plumbed grease fittings are provided for the vacuum compressor, boom rotation, and water pump drive areas.

#### ACCESSORIES

Yes  No

A minimum twelve (12) month manufacturer's guarantee on the unit will be provided.

2 ) 35" x 14" x 24" side mounted tool boxes will be provided.

1 Debris body power flush out system

1 Rear mounted hydraulic pump off system, 400 gpm w/20' lay flat hose

Gravity drain system consisting of plumbing to the mid-passenger side of the unit. Includes a 3" knife valve

1 with cam-lock connection, 30' of layflat hose with storage rack allowing return of liquids to the manhole without having to reposition vehicle.

1 Front Gate Valve for use with Gravity Drain Option

1 Wear plate, swing style

1 Air purge system

1 1/4 turn ball valve water drain

- 1 Variable flow valve
- 1 Lazy Susan style, deck mounted pipe rack, holds 5 pipe
- 1 Storage box behind cab, 16" x 42" x 96"
- 1 Lateral Cleaning Kit w/200' x 1/2" Hose w/Nozzle, Permanently Mtd, Electronically Controlled
- 1 Hose footage counter, curb side
- 1 Auxiliary engine remote oil drain
- 1 Remote boom grease zerk assembly, (accessible from ground level)
- 1 Remote debris tank grease zerk assembly (accessible from ground level)
- 1 Aluminum Dual Roller Level Wind Guide ilo standard
- 1 Nozzle rack
- 1 10' leader hose

The hydraulic pump provides power for all hydraulic functions, except vacuum compressor drive, and is direct mounted to the auxiliary engine gear drive adapter. It is not necessary to run the chassis engine to operate the machine hydraulics.

- 1 Water pump remote oil drain
- 1 Built in Body Prop - Rear Boom Support Mounted
- 1 12VDC auxiliary hydraulic pump
- 1 Traffic Camera with Color Monitor (Camera placement must be picked)
- 1 Rear traffic camera
- 1 Front hose reel camera - to view front of hose reel area
- 2 Rear door drain flush out connection
- 2 Long handle storage/ (2) PVC
- 1 Long handle storage placement - mounted in storage box under shelf
- 1 Long handle storage placement - rear of mainframe
- 1 Cone storage rack
- 1 Cone storage rack
- 1 FMC water pump in lieu of the standard Giant water pump
- 1 Fill hose assy and storage 1.5"/ 200',100',50'
- 1 Max height 12'
- 1 Greenle Pump Off With Gate Valve

**LIGHTING**

Yes  No

The entire module electrical system is vapor sealed to eliminate moisture damage.

All wiring is color-coded, labeled and run in sealed terminal enclosures.

All module circuits are protected by circuit breakers.

Clearance lights and reflectors are furnished in accordance with D.O.T. requirements.

- 1 4 LED strobes - (2) front bumper, (2) rear bumper - Whelen 50A03ZCR - Amber
- 1 LED Arrow stick - Whelen TAM85 Traffic Advisor
- 4 Limb guards for flood lights
- 1 LED Boom Mounted Flood Light - Whelen NP6BB Worklight
- 1 LED Rear Mounted Flood Lights - Whelen NP6BB Worklight

**PAINT**

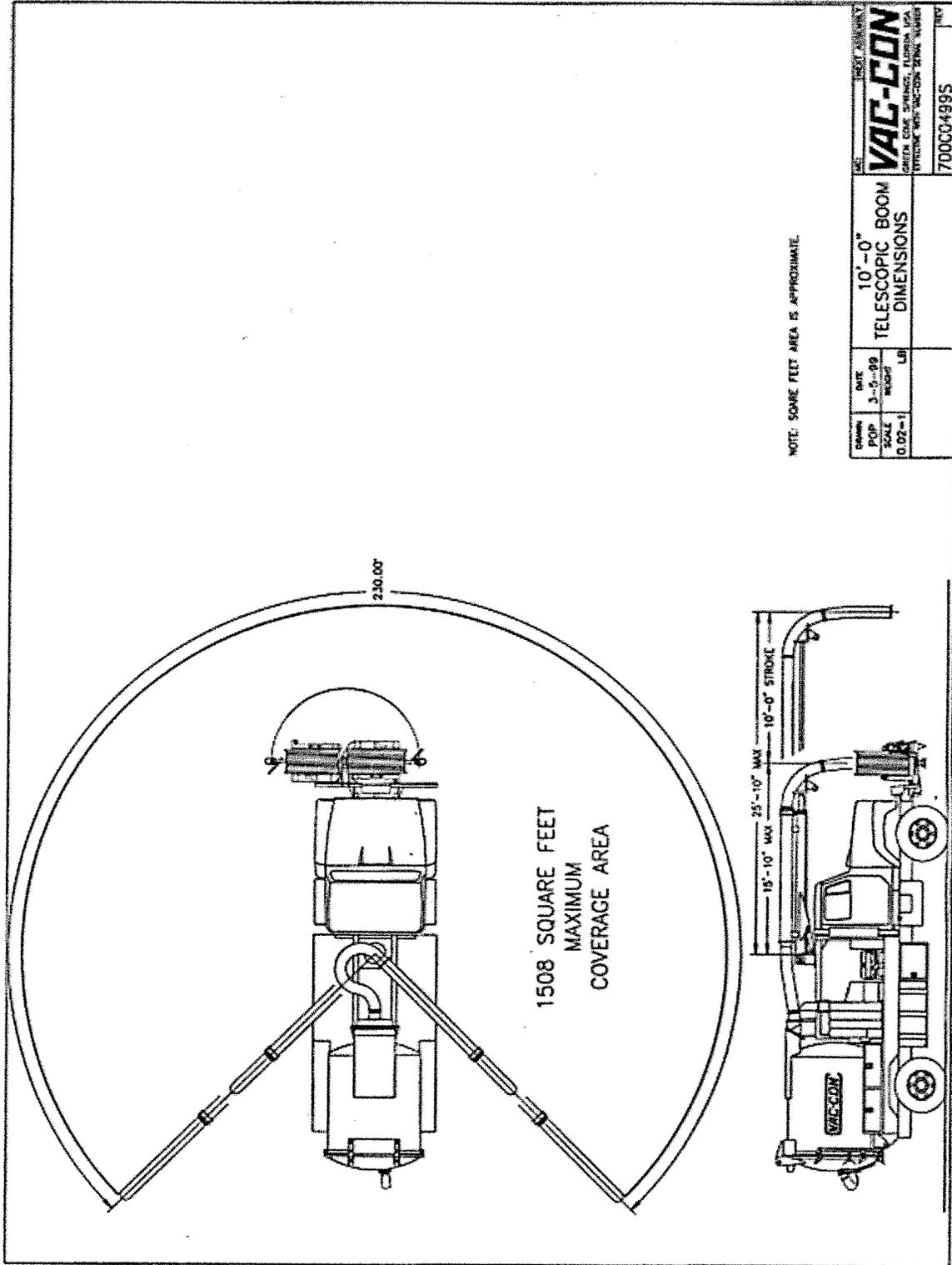
Yes  No

Unit paint surface is shot blasted, primed and sanded prior to paint. Unit to be painted.

White

with DuPont Imron 5000 polyurethane paint.





NOTE: SQUARE FEET AREA IS APPROXIMATE.

DATE	3-5-89	10'-0"	TELESCOPIC BOOM DIMENSIONS
POP	SCALE	LIB	
0.02=1			
<b>VAC-CON</b> <small>GREEN CREEK DIVISION, FLORENCE, ILL.</small> <small>HYDRAULIC TELESCOPIC BOOM MODEL</small>			70000499S



## W a r r a n t y - P D C o m b i n a t i o n

VAC-CON, as seller, warrants all equipment manufactured by it and bearing its name shall be free from defects in material and workmanship, under normal use and service as determined by us, for a period of (12) twelve months from the date of delivery to the first retail purchaser.

Should any equipment or part of such equipment sold hereunder prove to be defective in material or workmanship within said period, and be returned to Seller's factory no later than 15 days after the expiration date of the warranty, transportation charges prepaid by the Buyer, and upon examination be found to be defective, such part will be replaced at the factory by the Seller free of charge, but the Seller shall be under no further liability in respect to such warranty. It is expressly understood that the Seller's liability is limited to furnishing of such replacement parts within a reasonable length of time and that the Seller will not be liable for any damages, losses or expenses arising in connection with the use of or inability to use the unit(s), including but not limited to, injuries to persons or damage to property, loss of profits or anticipated profits, or loss of vehicle use. Buyer shall be responsible for the payment of duties or taxes on warranty parts, if applicable. The Seller shall be under no liability because of normal wear and tear of operation or maintenance contrary to the manufacturer's official Operator's Manual. The Buyer accepts any liability for damage or injury resulting from the removal or alteration of safety guards and safety precautions provided on the unit at the time of delivery. This warranty shall not apply and VAC-CON shall have no liability under it or otherwise if the unit shall have been injured by accident, careless handling or improper applications or if any repairs have been made to the unit by other than VAC-CON, its agents or employees.

Warranties covering major components not of VAC-CON manufacture (power plants, hydraulics, trucks, vacuum compressors, transmissions, electrical components, batteries, tires, etc.) are warranted by their respective manufacturers.

We give no warranty express or implied, as to description, quality, productiveness or any other matter and the Buyer hereby waives the right of refusal and return of the goods which is usually connected with non-warranty.

It is the sole responsibility of the purchaser to use this equipment in an appropriate application and a safe manner. VAC-CON assumes no responsibility or liability for its misuse.

### FIVE (5) YEAR WARRANTY:

VAC-CON warrants that the auxiliary engine water pump drive components (excluding engine and pump) and debris tank shall be free from defects in material and workmanship, under normal use and service as determined by the manufacturer, for a period of sixty (60) months (not pro-rated) from the date the unit is first placed into service.

### TEN (10) YEAR WARRANTY:

VAC-CON warrants that the fresh water tanks shall be free from defects in material and workmanship, under normal use and service as determined by the manufacturer, for a period of one hundred twenty (120) months (not pro-rated) from the date the unit is first placed into service.

This warranty is not transferable.



# VAC-CON

## MORE POWER TO YOU

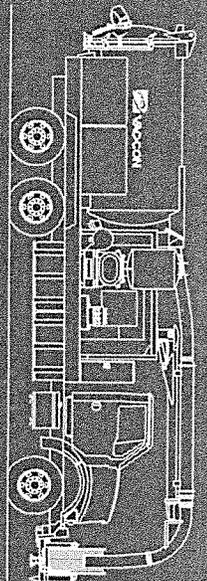
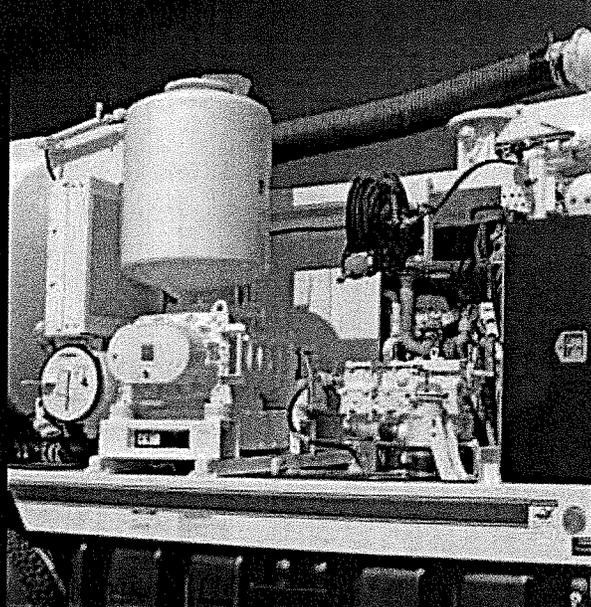
DUAL ENGINE  
PD COMBINATION MACHINE



### VAC-CON'S TWO-ENGINE PD MACHINE PUTS THE POWER WHERE YOU NEED IT!

Only Vac-Con combines the flexibility of two-engine design with the versatility of a positive displacement blower. Consistent with its other designs, Vac-Con uses the chassis engine to drive the vacuum system.

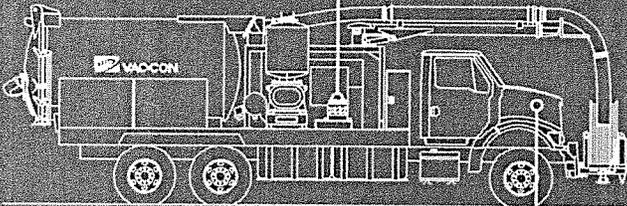
Using standard hydrostatic drive, this design can power PD blowers up to 27" Hg with ease. With water systems up to 3000 psi and 120 gpm, available filtration, excavating, Inspector Cam and Hi-Dump options, this is truly a "go anywhere, do anything" machine.



# DUAL ENGINE PD COMBINATION MACHINE SPECIFICATIONS

## THE VAC-CON 2-ENGINE PD BLOWER UNIT WITH TYPICAL MUNICIPAL CHASSIS & AUXILIARY ENGINE

High pressure water pump powered by the Auxiliary Engine (138 horsepower)



PD Blower powered by the Chassis Engine (275 horsepower)

**TOTAL AVAILABLE HORSEPOWER: 413**

### VACUUM DRIVE SYSTEM

- Hydrostatic variable displacement piston pump driven by chassis engine
- Hydrostatic fixed displacement piston motor
- Hydraulically driven heat exchanger fan
- 110-190° F operation ranges at 90° F ambient temperature
- Torsional soft coupling
- Multi-stage hydraulic filtration system

### VACUUM SYSTEM

- Positive displacement blower
- Standard vacuum rating: 16" Hg at 3600 CFM
- Dual relief valves
- Low point drain in plenum
- Standard vacuum gauge conveniently mounted
- Optional PD Blowers:
  - Vacuum rating: 15" Hg at 2950 CFM
  - Vacuum rating: 16" Hg at 4200 CFM
  - Vacuum rating: 27" Hg at 1250 CFM

COMPONENT	REQUIRED HORSEPOWER
Blower: 16" Hg at 3600 CFM	185
Water Pump: 80 GPM at 2000 PSI	110
Hydraulic Pump (full operating)	20
<b>Miscellaneous Chassis Accessories:</b>	
Alternator/Cooling Fan/Pump/Air Compressor	23
<b>Total Horsepower</b>	<b>338</b>
*Add 25 HP for 16" Hg at 4200 CFM	

### AUTOMATIC VACUUM BREAKER SHUT-OFF AND FILTRATION

- Vacuum Breaker
  - System automatically stops air flow to prevent over filling and carry-over during transport
  - Can be manually controlled from front operator station or with available wireless remote for operator safety
- Filtration
  - Dual port separation with dual stainless steel microscreens
  - Centrifugal final filter with easy access inspection door
  - Cyclone separator available as required
- Available baghouse with cartridge filters
- Bag option for final filter

### AUXILIARY ENGINE WATER PUMP DRIVE SYSTEM

- Diesel engine: 4 cylinder
  - 6 cylinder optional
- Fully independent operation of vacuum and water systems
- Allows continuous water circulation in motion or resting
- Front operator station controls
- 5 yr warranty on drive system (excludes engine and pump)

### WATER SYSTEM

- Systems up to 3000 psi and 120 gpm with smooth continuous flow and pressure
- Available Hydro-Excavation Package
- Available winter recirculation
- Available air purge system



A HOLDEN INDUSTRIES Company

Vac-Con's PD Combination Machine is easy to operate, safe, durable and outperforms the competition. All backed by **Power Up** customer support, and our dedicated dealer network brings more power to you.

[www.vac-con.com](http://www.vac-con.com)



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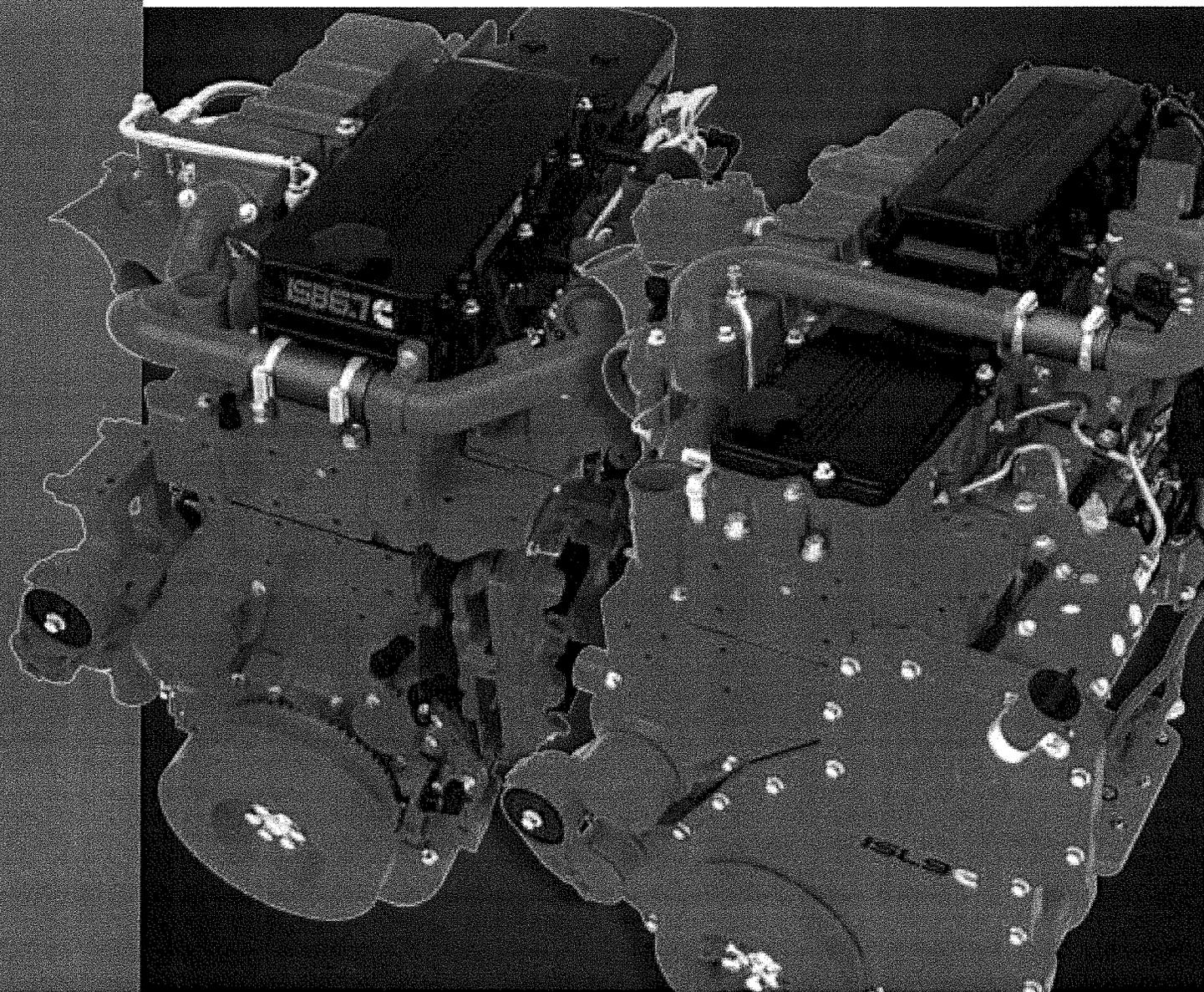


Search: Vac-Con



# Every™ Coverage.

North American Truck Coverages  
For 2013 ISL9 And ISB6.7 Engines.



# Every™ Confidence.

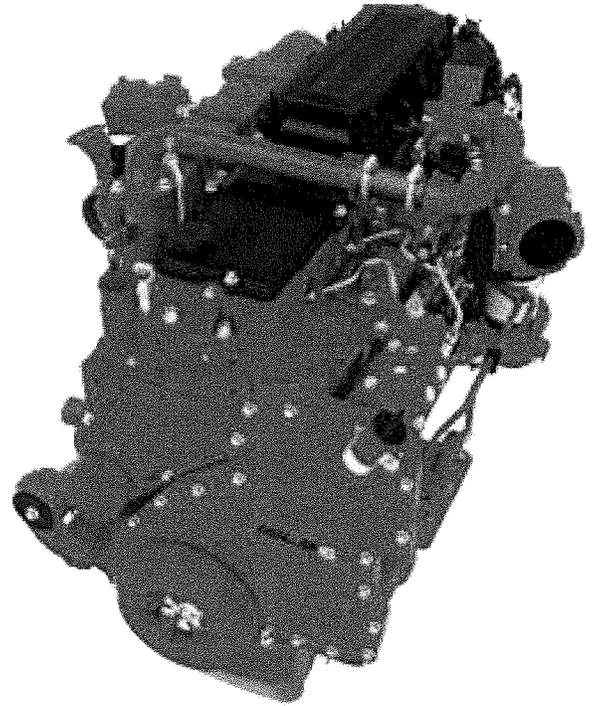
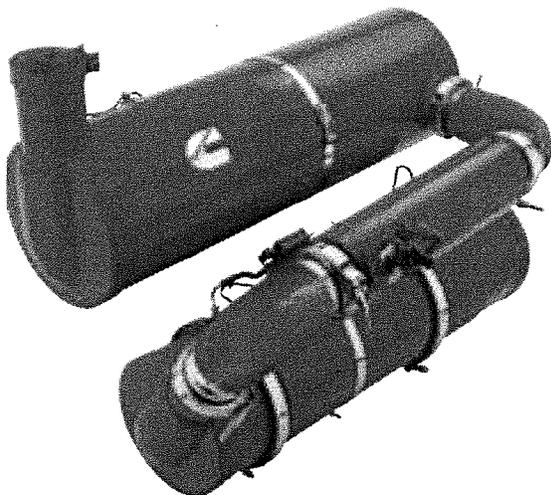
You can have confidence knowing that your Cummins 2013 engine is backed by the total coverage of Cummins base and extended warranty coverage plans.

Every major component from the air handling to the exhaust aftertreatment\* – including those in the Cummins Aftertreatment System – is included under the base warranty.

In addition to the base warranty, Cummins offers a selection of extended coverage plans that provide extra protection for your business against major unexpected repair expenses. These protection plans provide financial peace of mind, insuring you against unforeseen expenses for years to come. And they can be included in the financing of your new truck for just dollars a day.

Cummins extended coverage plans are honored at all authorized Cummins service locations and backed by Cummins Care. No matter where your business takes you, you've always got a Cummins-authorized service facility nearby, with over 3,500 locations in North America. So you can be assured that every contingency is covered. Best of all, those facilities will handle every bit of paperwork associated with your warranty repair.

\*Does not include air cleaner, intake pipes, exhaust pipes or mounting hardware



## **ISL9 Base Warranty.**

The ISL9 base warranty is good for 2 years/250,000 miles (402,336 km), whichever occurs first, and includes virtually everything at no additional cost:

### **2-Year/250,000-Mile (402,336 km) Coverage**

- 100 percent parts and labor on warrantable failures\*
- Travel or towing when an engine is disabled by a warrantable failure (from date of delivery through the first year)
- Consumables not reusable due to covered failure
- No deductible
- Includes aftertreatment

\*Warrantable failures are those due to defects in Cummins material or factory workmanship.

## ISB6.7 Base Warranty.

Cummins 6-cylinder ISB6.7 engine has coverage similar to that of the ISL9, except there is no mileage restriction. The ISB6.7 warranty is good for 2 years with unlimited mileage.

### 2-Year/Unlimited-Mileage Coverage

- 100 percent parts and labor on warrantable failures\*
- Travel or towing when an engine is disabled by a warrantable failure (from date of delivery through the first year)
- Consumables not reusable due to covered failure
- No deductible
- Includes aftertreatment



\*Warrantable failures are those due to defects in Cummins material or factory workmanship.

### Extended Coverage Means Added Security.

A Cummins Protection Plan is the most important travel insurance you can buy. Not only will it protect your business from unexpected expenses, but it will also ensure that you'll always get quality Cummins parts and professional Cummins service. There are two plans to choose from for ISL9 and ISB6.7 engines.

### Protection Plan 1

Security is knowing that you are protected by comprehensive protection, with options ranging from 3 to 5 years and 100,000 to 300,000 miles (160,934-482,803 km).

- Internal components and major engine systems including the turbocharger, water pump and fuel injectors and, new for 2013, the air compressor, fuel pump and select engine sensors
- Registered parts and labor on covered failures

### Protection Plan 2

Cummins Internal Protection Plan 2 covers you against major repair costs down the road, with registered parts and labor on major components and your choice of long-term options from 3 to 7 years and 100,000 to 300,000 miles (160,934-482,803 km).

- Internal components and major engine systems
- Registered parts and labor on covered failures

### Aftertreatment Extended Coverage\*

Extended coverage is also available for your Cummins Aftertreatment System. Options range from 3 to 5 years and 100,000 to 300,000 miles (160,934-482,803 km).

The coverage includes Cummins-supplied aftertreatment components, including:

- Diesel Oxidation Catalyst (DOC), Diesel Particulate Filter (DPF) and Selective Catalytic Reduction (SCR) assemblies
- Diesel Exhaust Fluid (DEF) dosing system
- Aftertreatment controls
- Ammonia sensor

\*Protection Plan 1 EPA 2013 of equal duration is required prior to the purchase of the Aftertreatment Extended Coverage.

## 2013 ISL9 And ISB6.7 Extended Coverage Terms\*

SCR Assembly	<b>Aftertreatment Extended Coverage**</b>	
Decomposition Reactor		
Mid-Bed Ammonia Sensor		
DPF Assembly		
Fuel Pump		
Air Compressor		
Select Engine Sensors		
Water Pump		
Turbo		
Fuel Injectors		
EGR Cooler, EGR Valve, EGR Mixer		
Cylinder Head Assembly		
ECM		
Pistons, Rings and Liners		
Lube Oil Cooler Assembly		
Cylinder Block Assembly		
Crankshaft Assemblies		
Front Gear Cover		
Oil Pan		
Connecting Rod Assembly		
Lube Pump Assembly		
Camshaft Assembly and Bushings		
Brake Housing, Bushings, Rocker Levers, Roller Pin, Roller, Crosshead Pin, Crosshead, Including Mounting Hardware and Gaskets		
Engine Cylinder Block Casting		
Engine Main Bearing Bolts		
Engine Cylinder Head Casting		
Engine Cylinder Head Capscrews		
Engine Crankshaft Forging		
Engine Camshaft Forging		
Cam Follower Housing		
Cam Follower Assemblies		
Engine Connecting Rods and Caps		
Engine Connecting Rod Bolts		
Intake Manifold Castings		
Rocker Lever Housings		
Rocker Lever Assembly		
Gear Train Gears		

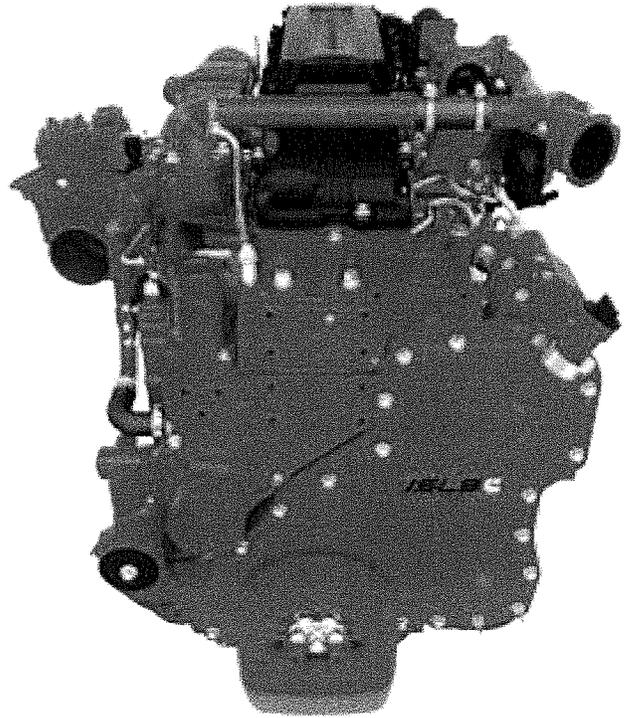
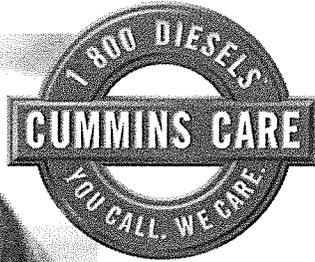
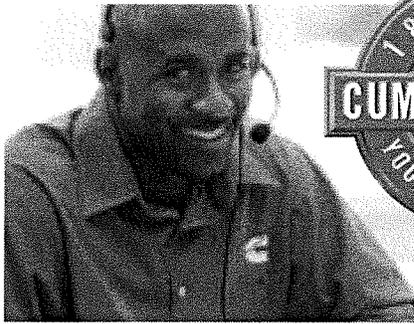
**Protection  
Plan 1**

**Options are  
available up to  
5 years/  
300,000 miles  
(482,803 km)**

**Protection  
Plan 2**

**Options are  
available up to  
7 years/  
300,000 miles  
(482,803 km)**

\*Terms and conditions are subject to change.  
 \*\*Protection Plan 1 EPA 2013 of equal duration is required prior to the purchase of the Aftertreatment Extended Coverage.



### **Leave Every Detail To Us.**

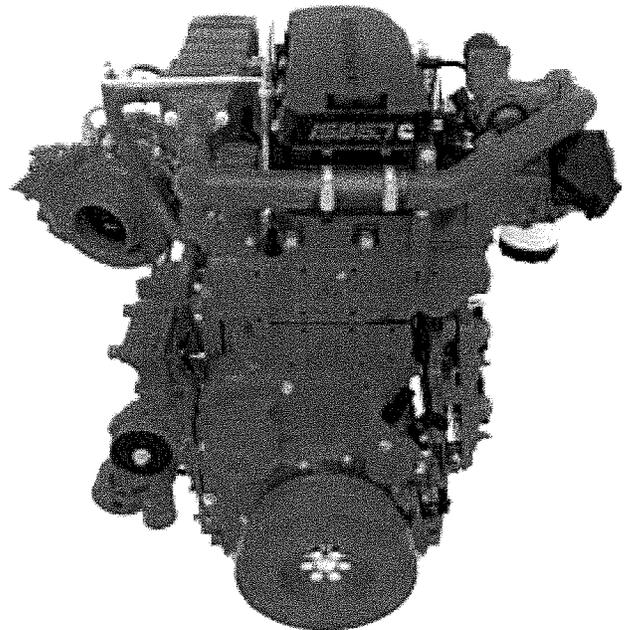
For complete coverage details, including pricing, contact your local Cummins distributor or OEM dealer.

Ordering Cummins extended coverage is easy. Your local Cummins distributor or dealer can handle it for you when you buy your new ISL9- or ISB6.7- powered truck and include it in your financing, or you can buy it separately later on for up to 18 months\*.

If you experience a service need during the coverage period, call Cummins Care toll-free at 1-800-DIESELS™ (1-800-343-7357). Our Cummins Care representatives are standing by, every hour of every day, and they will check with nearby authorized Cummins distributors and dealers to locate a facility with an available technician and the right diagnostic tools to handle your equipment repair. Your Cummins representative will help get you to the nearest available location – with 3,500 authorized locations, there's sure to be one close by.

Simply show the servicing distributor/dealer your extended coverage certificate, and he or she will handle all the necessary paperwork and repairs to get you back on the road as quickly as possible.

\*After 12 months, a small administrative fee may be applied.





**Cummins Inc.**  
**Box 3005**  
**Columbus, IN 47202-3005**  
**U.S.A.**

Phone: 1-800-DIESELS™ (1-800-343-7357)  
Fax: 1-800-232-6393  
Internet: [cumminseines.com](http://cumminseines.com)

[Twitter.com/CumminsEngines](https://twitter.com/CumminsEngines)  
[YouTube.com/CumminsEngines](https://www.youtube.com/CumminsEngines)

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## Warranty Quick Reference Guide – Class 8 Standard Service only

*This is a Quick Reference Guide ONLY*

*This is an itemized listing of the components and/or items used in the assembly of a Kenworth truck and their respective level of warranty coverage. This list is NOT to be construed as all inclusive. Refer to the Kenworth Warranty Agreement for specific details on the terms, conditions and limitations of said Warranty Agreement*

BASIC VEHICLE WARRANTY	12 Months or 100,000 Miles/160,000 Kilometers whichever shall occur first	100% Parts and Labor
Aerodynamic Devices Air Cleaner System (excluding Filter Element) Air Dryer Air Tanks Alternator Antenna Anti-Lock Brakes Axle Housing Gaskets Axles - Dual Speed (except Axle Shaft Gaskets and Wheel Seals) Batteries - PACCAR Brand Only Brake Chambers and Slack Adjusters Brake Drums (except when scored or heat checked) Bumper Cab Heater and Ducts Cab Paint (see below) Cab Suspension (including shock absorbers) Cab Water Leaks Charge Air Cooler Chassis Fairings (optional full length or partial) Clean Power System (including batteries) Clutch, Clutch Brake, Clutch Linkage Control Cables Cruise Control Components Deck Plate Door Latches and Locks	Door Pads and Soft Trim Drivelines, U-Joints and Center Bearing Electrical Power Distribution Box Electrical Printed Circuits Engine Dipstick and Tube (KW Only) Engine Fan Engine Fan Clutch and Sending Unit Engine Fan Shroud Engine Heater Engine Mounts Engine Shutdown System Exhaust Stanchion Exhaust System (excluding emissions system) Frame Paint - black only (see below) Freon Leaks Fuel Tank Straps, Cap and Vent Fuel Tanks (excluding finish) Fuel Water Separator and/or Heater Gauges and Sending Units GPS Heat Shields Hood Assist Springs and Hooks Horn - Air or Electric Hoses and Fittings Hub Assemblies (including Bearings) Hub Caps	Hubometer HVAC System Instruments Lamp Fixtures (excluding Bulbs) Mirrors Mud Flap Brackets (excluding Mud Flaps) Oil Coolers O-Rings Plating (including Chrome) Power Steering Box Assembly Power Steering Pump Power Steering Reservoir Power Take Off Quarter Fenders Radiator (including Header Gaskets) Radio Roof Faring Seat Belts Seat Structure Shift Controls Shock Absorbers and brackets Side Extenders Sleeper Boot, Shelves & Cabinets Smartwheel Speakers Starter
Axles, Non-Driving and Driving, On-Highway with a capacity of 46,000 lbs. or less (including Axle Input and Output Seals) (except Axle Shaft Flange Gaskets, Brake Drums, Brake Shoes, Filters, Hub Assemblies, Hub Caps and Gaskets, Wheel Bearings and Wheel Seals)  Applies to Brackets, Cam Shafts and Spiders	Steering Arm Steering Drag Link Steering Pitman Arm Steering Wheel Steps Suspension Switches Throttle Linkage and Cable Trailer Hitch and Stinger Transfer Case - Spicer Only (except Seals and Gaskets) Upholstery Valves, All Vents - Fresh Air Visor (outside and inside) Weather Stripping Wheel Bearings (except Seals and Gaskets) Window Defroster Fan Window Lift (including Power Lift) Windshield Washer Wiper Arms (excluding Blades) Wiper Motor and Control Valve Wiring and Connectors	Steering Arm Steering Drag Link Steering Pitman Arm Steering Wheel Steps Suspension Switches Throttle Linkage and Cable Trailer Hitch and Stinger Transfer Case - Spicer Only (except Seals and Gaskets) Upholstery Valves, All Vents - Fresh Air Visor (outside and inside) Weather Stripping Wheel Bearings (except Seals and Gaskets) Window Defroster Fan Window Lift (including Power Lift) Windshield Washer Wiper Arms (excluding Blades) Wiper Motor and Control Valve Wiring and Connectors
<b>EXTENDED COMPONENTS WARRANTY</b> <b>36 Months or 300,000 Miles/480,000 Kilometers whichever shall occur first</b> <b>100% Parts and Labor</b>	Cab, Hood and Sleeper Structure (includes Door Hinges)  Huck-Bolts (Cab and sleeper only)  Transmissions - Manual	Cab, Hood and Sleeper Structure (includes Door Hinges)  Huck-Bolts (Cab and sleeper only)  Transmissions - Manual
<b>EXTENDED COMPONENTS WARRANTY</b> <b>60 Months or 500,000 Miles/800,000 Kilometers whichever shall occur first</b> <b>100% Parts and Labor</b>	Frame Side Rails, Crossmembers, Gussets and Cab Corrosion Cab corrosion warranty applies to perforation - an actual hole in a cab panel due to corrosion. Warranty does not apply to corrosion caused by damage to a cab panel or finish paint	Frame Side Rails, Crossmembers, Gussets and Cab Corrosion Cab corrosion warranty applies to perforation - an actual hole in a cab panel due to corrosion. Warranty does not apply to corrosion caused by damage to a cab panel or finish paint
<b>OTHER COMPONENT WARRANTY</b> <b>12 Months or 50,000 Miles/80,000 Kilometers whichever shall occur first</b> <b>100% Parts and Labor</b>	Axle Shaft Flange Gaskets Hub Cap Gaskets	Wheel Seals Starter

**\*\*Mounting brackets and bolts for above items\*\***

<p><b>CAB PAINT</b>  <b>12 Months or 100,000 Miles/160,000 Kilometers whichever shall occur first</b>  <b>100% Parts and Labor</b>  Excludes Paint Chip and/or Fade  Excluded Vehicle Applications:  Logger, Mixer, Dump, Refuse, Oilfield &amp; Construction</p> <p><b>FRAME PAINT (BLACK ONLY)</b>  <b>12 Months or 100,000 Miles/160,000 Kilometers whichever shall occur first</b>  <b>100% Parts and Labor</b>  Excludes Paint Chip and/or Fade  Excluded Vehicle Applications:  Logger, Mixer, Dump, Refuse, Oilfield &amp; Construction</p>	<p><b>FRAME PAINT (OTHER THAN BLACK)</b>  <b>6 Months or 50,000 Miles/80,000 Kilometers whichever shall occur first</b>  <b>100% Parts and Labor</b>  Excludes Paint Chip and/or Fade  Excluded Vehicle Applications:  Logger, Mixer, Dump, Refuse, Oilfield &amp; Construction</p> <p><b>FRAME PAINT</b>  <b>3 Months or 25,000 Miles/40,000 Kilometers whichever shall occur first</b>  <b>100% Parts and Labor</b>  Logger, Mixer, Dump, Refuse, Oilfield &amp; Construction applications</p>	<p><b>BREAK-IN ITEMS</b>  <b>90 days or 25,000 Miles/40,000 Kilometers whichever shall occur first</b></p> <p><b>NON-WARRANTABLE COMPONENTS/ITEMS</b></p> <ul style="list-style-type: none"> <li>Add-on Aerodynamic Devices (dealer installed)</li> <li>Air Compressor</li> <li>Air Starter</li> <li>Anti-freeze Solutions</li> <li>Automatic Transmission (except Fuller Ceemat)</li> <li>Batteries other than Kenworth std Data book brand</li> <li>Cellular Telephone</li> <li>Chains</li> <li>Cigar Lighter</li> <li>C.B. Radio and Microphone</li> <li>Diesel Exhaust Fluid (DEF)</li> <li>Electronic Trip Recorders</li> <li>Engines</li> <li>Engine Accessories</li> <li>Engine Brake</li> <li>Engine Governor</li> <li>Fillers for Fuel, Oil and Water</li> <li>Fifth Wheel</li> <li>Filter Elements</li> <li>Fire Extinguisher</li> <li>Flag and Flare Kit</li> <li>Fuel</li> <li>Headlights and Light Bulbs</li> <li>Lubricants</li> <li>Mattresses</li> <li>Mudflaps</li> <li>Non-Original Equipment</li> <li>Power Converter</li> <li>Primers for Fuel, Primer and Water</li> <li>Reflectors</li> <li>Refrigerator</li> <li>Rims</li> <li>Stereo Set</li> <li>Tachograph</li> <li>Television Set, VCR, DVD player</li> <li>Tires</li> <li>Tools</li> <li>Tow Pins</li> <li>Trade Accessories</li> <li>Tubes</li> <li>Turbocharger</li> <li>Turboconveyor or blower</li> <li>Vehicle Theft Alarm</li> <li>Wheels</li> <li>Winter Front and Bug Screen</li> <li>Wiper Blades</li> </ul>	<p><b>NON-WARRANTABLE FUNCTIONS OR ACTS</b></p> <p>Any vehicle on which the odometer has been altered.  Any vehicle that has been altered or modified in a manner unauthorized by Kenworth.</p> <p>Damage due to accidents  Environment  Dyno testing (without prior regional authorization);  Impact  Improper operation  Improper or insufficient maintenance service  Misuse  Negligence  Overtime Labor  Storage (including deterioration)  Towing and Road Calls  Transport  Troubleshooting and Road Testing</p> <p>This list is NOT to be construed as all inclusive.</p>
<p><b>NON-WARRANTABLE WEAR, DETERIORATION and/or ADJUSTMENTS</b></p> <p>Kenworth assumes no responsibility for wear and/or deterioration of parts or changes in adjustment as a result of normal service.</p> <p>Examples:  Aluminum, Chrome or Stainless Steel:  Discoloration or pitting  Axle and/or Wheel Alignment  Belts  Brake Adjustment  Brake Linings  Circuit Breakers  Clutch Facings  Door Adjustment  Fuses  Hood Adjustment  Leveling of Vehicle  Soft Trim and Upholstery  Tightening Bolts and/or Fittings  Window and Windshield Glass</p> <p>This list is NOT to be construed as all inclusive.</p>	<p><b>NON-WARRANTABLE FUNCTIONS OR ACTS</b></p> <p>Vibrations, Squeaks, Fitting &amp; Hose Leaks, Unusual Noises, Rattles, Loose Bolts &amp; Electrical Connections</p>		
<p><b>Off-Highway (Severe Service Vehicles)</b>  Severe Service Warranty is based on a Kenworth chassis having one of the following: Unlicensed off-road registration, all-wheel drive, twin steer axles, all front steer axles rated @ 21,000 lbs. GAWR or greater, single rear drive axles rated @ 26,000 lbs. GAWR or greater, tandem rear axles rated @ 52,000 lbs. GAWR or greater, or 10% or more class C and/or D usage.</p> <p style="text-align: right;">April 23, 2010</p>			

# KENWORTH TRUCK COMPANY LIMITED WARRANTY AGREEMENT

## Medium Duty Warranty UNITED STATES

**THIS LIMITED WARRANTY AGREEMENT ("AGREEMENT") LISTS THE RESPECTIVE RIGHTS AND RESPONSIBILITIES OF YOU, KENWORTH TRUCK COMPANY ("KENWORTH"), AND THE SELLING KENWORTH DEALER ("SELLING DEALER"). PLEASE READ THIS LIMITED WARRANTY CAREFULLY.**

Kenworth warrants directly to you that the Kenworth vehicle ("Vehicle") identified below will be free from defects in materials and factory workmanship ("Warrantable Failures") appearing under normal commercial use and service during the time or mileage limitations set forth in the attached Warranty Schedule (dated 11/09). The Vehicle warranty extends only to you, the First Purchaser.

YOUR SOLE AND EXCLUSIVE REMEDY AGAINST KENWORTH AND THE SELLING DEALER ARISING FROM YOUR PURCHASE AND USE OF THIS VEHICLE IS LIMITED TO THE REPAIR OR REPLACEMENT OF "WARRANTABLE FAILURES" AT AUTHORIZED UNITED STATES AND CANADIAN KENWORTH DEALERS, SUBJECT TO KENWORTH'S TIME AND MILEAGE LIMITATIONS LISTED IN THE ATTACHED VEHICLE ONLY WARRANTY SCHEDULE. The maximum time and mileage limitations in the Warranty Schedule begin on the Date of Delivery to the First Purchaser, as shown below. The accrued time and mileage is calculated when this Vehicle is brought into an Authorized Dealer for correction of Warrantable Failures.

### WARRANTY DISCLAIMER AND LIMITATIONS OF LIABILITY

This limited warranty is the sole warranty made by Kenworth and the Selling Dealer. Except for the above limited warranty, Kenworth and the Selling Dealer make no other warranties, express or implied. KENWORTH AND THE SELLING DEALER EXPRESSLY DISCLAIM ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

IT IS AGREED THAT KENWORTH AND THE SELLING DEALER SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES INCLUDING, BUT NOT LIMITED TO: LOSS OF INCOME OR LOST PROFITS; VEHICLE DOWNTIME; THIRD PARTY DAMAGE, INCLUDING DAMAGE OR LOSS TO OTHER VEHICLES OR PROPERTY, ATTACHMENTS, TRAILERS AND CARGO; LOSS OR DAMAGE TO PERSONAL CONTENTS; COMMUNICATION EXPENSES; LODGING AND/OR MEAL EXPENSES; FINES; APPLICABLE TAXES OR BUSINESS COSTS OR LOSSES; ATTORNEY'S FEES; AND ANY LIABILITY YOU MAY HAVE IN RESPECT TO ANY OTHER PERSON OR ENTITY.

The following components may be warranted directly to you by their respective manufacturers and are NOT warranted by Kenworth: engine and engine accessories, Allison automatic transmission, fifth wheel, tires, wheels and rims, tubes, pintle hook, hitch, batteries not listed in the Vehicle Schedule, refrigerator, trade accessories (such as fire extinguishers, chains, emergency kits, and tools), customer-furnished components installed by the Kenworth factory, and items not installed by the Kenworth factory at the time of the Vehicle's manufacture.

Kenworth does not warrant antifreeze, lubricants, bulbs, fuses, filters, mud-flaps, winter front, wiper nozzles, wiper blades, filter elements, or any other part which is considered a maintenance item.

You are responsible for the safe operation and maintenance of the Vehicle, as specified in the applicable Operator's Manuals. You are responsible for providing proof that all recommended inspections and maintenance have been performed. Before the expiration of the applicable warranty, you must notify an Authorized Dealer of any Warrantable Failures and make the Vehicle available for repair by such Authorized Dealer. You are responsible for delivery of the Vehicle to the Authorized Dealer. Locations in the United States and Canada of authorized Kenworth dealers may be found on [WWW.KENWORTH.COM](http://WWW.KENWORTH.COM).

KENWORTH IS NOT RESPONSIBLE FOR WEAR AND TEAR OR WEAROUT OF COVERED PARTS, storage deterioration, or changes in adjustment resulting from your use of the Vehicle. This includes, but is not limited to, wear or damage to brake and clutch linings, clutch brake, belts, upholstery, wheel balancing or axle alignment. This list is offered as an example only and shall not be construed as all inclusive.

Kenworth does not warrant metallic chassis (frame) paint. Kenworth is not responsible for paint chipping or fading, peeling paint from frame bolts relating to maintenance, paint peeling from road chemical or salt damage, or corrosion caused by damage to a cab or hood panel or to finish paint.

Damage due to accident, misuse, abuse, neglect, negligence, improper or insufficient maintenance, or unauthorized modification is not warranted.

All warranties are null and void should a Vehicle be converted to a motor coach, motor home, or recreational vehicle.

Vibrations, squeaks, and unusual noises, rattles, loose nuts/bolts can develop during the early use of the vehicle. Kenworth will make the necessary adjustments under warranty up to the earlier of the first 25,000 miles or the first 90 days after the Date of Delivery.

Parts used to repair a Warrantable Failure may be new parts, approved remanufactured parts, or repaired parts. Kenworth is not responsible for failures resulting from the use of parts not approved by Kenworth. A new or approved remanufactured part used to repair a Warrantable Failure assumes the identity of the part it has replaced and is entitled to the remaining warranty coverage, if any.

Chassis Number(s) (17-digit VIN)

Customer Initials \_\_\_\_\_

Kenworth is not responsible for towing or roadside assistance should there be a defect in the Vehicle. Kenworth is not responsible for damage or loss resulting from engine horsepower/torque upgrades.

Kenworth reserves the right to inspect and download data from the Vehicle and Engine Electronic Control Modules (ECM) for purposes of failure analysis.

**TIME LIMIT ON COMMENCING LEGAL ACTION / OTHER TERMS**

It is agreed that you have 12 months from the accrual of the cause of action to commence any legal action arising from the purchase or use of the Vehicle, or be barred forever.

To the extent any provision of this limited warranty is found to contravene the law of any jurisdiction, the remainder of the warranty shall not be affected thereby.

KENWORTH TRUCK COMPANY

*I, the undersigned have read the above limited warranty agreement including the attached schedules and understand and accept its terms and acknowledge receipt of a copy of the agreement ( 3 pages).*

By:   
National Warranty Manager

X \_\_\_\_\_ Date: \_\_\_\_\_  
First Purchaser's Signature

Date of Sale: \_\_\_\_\_

Optional Extended Limited Vehicle Coverage: \_\_\_\_\_ Customer Initials: \_\_\_\_\_

Date of Delivery to First Purchaser: \_\_\_\_\_

I, the above signed, have elected not to purchase an optional extended limited Vehicle coverage at this time on the Vehicle(s) covered by this document.

Dealer

Name/Code: / \_\_\_\_\_

Reference: \_\_\_\_\_  
First Purchaser's Name (Company or Individual)

City, State: \_\_\_\_\_

Contact Name: \_\_\_\_\_

By: \_\_\_\_\_  
Authorized Dealer Representative/Title

Mailing Address: \_\_\_\_\_  
\_\_\_\_\_

The following pre-delivery items are to be performed by the dealer at the time of the vehicle delivery. Sign off each item as verification that it was performed

<input type="checkbox"/>	Review Operation & Service Manual with customer.	Kenworth Truck Company A DIVISION OF PACCAR P.O. Box 1000 Kirkland, WA 98083-1000
<input type="checkbox"/>	Explain and demonstrate vehicle accessory operation to customer.	
<input type="checkbox"/>	Explain maintenance program to customer.	
<input type="checkbox"/>	Re-Explain Kenworth Warranty to customer.	

Dealers Initials: \_\_\_\_\_

\_\_\_\_\_

Chassis Number(s) (17-digit VIN)

Customer Initials \_\_\_\_\_

## KENWORTH TRUCK COMPANY Medium Duty Warranty Schedule UNITED STATES VEHICLE ONLY

THIS VEHICLE WARRANTY SCHEDULE APPLIES ONLY TO ORIGINAL FACTORY EQUIPMENT AND IS SUBJECT TO THE TERMS AND LIMITATIONS IN THE ATTACHED LIMITED WARRANTY AGREEMENT. Pursuant to the terms of the attached Limited Warranty Agreement, Kenworth Truck Company will pay warranty claims for Warrantable Failures within the following maximum limits in time or mileage, **whichever shall occur first**. The Warrantable Failure must be brought to the attention of an Authorized Dealer within 30 days of discovery.

	MONTHS	MILES
<b>Basic Vehicle</b> This coverage applies to the basic highway vehicle, except for additional coverage and warranty exclusions below.	12	Unlimited
<b>Major Components</b> Eaton, Meritor & Dana Spicer front axle, beam, spindles, kingpin & kingpin bushings. Eaton, Meritor & Dana Spicer rear axle, differential assembly, axle shafts & axle housing. Manual transmissions, gears, shafts, case & bell housing. Eaton auto shift. Bendix and Meritor brakes, brackets, cam shafts, spiders and slack adjusters (excludes Air Disc Brakes).	24	Unlimited
<b>Eaton Hybrid Components</b> Hybrid Drive Unit (HDU) with Motors and Electronic Actuator (ECU), Electronic Clutch Actuator (ECA), Power Electronic Carrier (PEC), including batteries, Inverter, Hybrid Control Module (HCM), DC/DC Converter (in Utility Application Only), Auxiliary Power Generator Kit (APG) (in Utility Application Only)	36	150,000
<b>Frame, Gussets, Crossmembers, Cab/Hood Structure, and Cab/Hood Corrosion</b> Frame rails, gussets, and crossmembers. Structural components of the cab and hood. Cab and hood perforation caused by corrosion from within. This warranty does not apply to corrosion caused by damage to a cab panel or to finish paint.	36	Unlimited
<b>Other Coverage</b>		
<b>PACCAR Batteries</b>	12	Unlimited
<b>Heater/Air Conditioner (HVAC)</b>	12	Unlimited
<b>Gaskets and Wheel Seals</b>	12	50,000
<b>Cab and Hood Paint</b>	12	100,000
<b>Frame Paint – Black only</b>	12	100,000
<b>Frame Paint – All colors other than black</b>	6	50,000
<b>Frame Paint – Logger mixer, Dump, Refuse, Oil Field &amp; Construction applications</b>	3	25,000
<b>Severe Service Vehicle – All Kenworth installed components except as excluded herein. Severe Service vehicles are those operated 10% or more on class C or D roads.</b>	12	50,000

Chassis Number(s) (17-digit VIN)

Customer Initials \_\_\_\_\_





Kenowrth of Louisiana K960  
1001 Edwards Ave

Jefferson Parish  
4901 Jefferson Hwy Ste A

Harahan, Louisiana United States 70123  
Phone: (504) 818-0100  
Fax:  
Email: Bryan@kwloouisiana.com

Jefferson, La. United States 70121  
Phone: (318) 415-7450  
Fax:  
Contact Email:  
Prepared for: Misty Camardelle

### Vehicle Summary

	Unit	Chassis	
Model:	T400 Series Conventional.	Fr Axle Load (lbs):	20000
Type:	FULL TRUCK	Rr Axle Load (lbs)	23000
Description:	T470 - Vac Con	G.C.W. (lbs):	43000
	<b>Application</b>	Road Conditions:	
Intended Serv.:	Local pickup & delivery.	Class A (Highway)	90
	Vehicles which haul	Class B (Hwy/Mtn)	10
Commodity:	Other bulk goods	Class C (Off-Hwy)	00
	<b>Body</b>	Class D (Off-Road)	00
Type:	Vacuum tank	Maximum Grade:	6
Length (ft):	16.0	Wheelbase (in):	252
Height (ft):	13.5	Overhang (in):	75
Max Laden Weight (lbs):	4000	Fr Axle to BOC (in):	67
	<b>Trailer</b>	Cab to Axle (in):	185
No. of Trailer Axles:	0	Cab to EOF (in):	260
Type:		Overall Comb. Length (in):	400
Length (ft):	0.0		
Height (ft):	0.0	<b>Special Req.</b>	
Kingpin Inset (in):	0	U.S. Domestic Registry, 50-State	
Corner Radius (in):	0		
	<b>Restrictions</b>		
Length (ft):	120		
Width (in):	102		
Height (ft):	13.5		

Approved by: \_\_\_\_\_

Date: \_\_\_\_\_

**Note: All sales are F.O.B. designated plant of manufacture.**

<b>PACCAR FINANCIAL</b>	Ask your dealer for a quote today, or visit our website @ <a href="http://www.paccarfinancial.com">www.paccarfinancial.com</a> .
	PACCAR Financial offers innovative finance, lease and insurance programs customized to meet your needs.

Unpublished options may require review/approval.

Dimensional and performance data for unpublished options may vary from that displayed in PROSPECTOR.

Printed: 8/25/2016 10:07:43 AM  
Effective Date: Jan 1, 2016  
Prepared by: Bryan J Bruno

**Complete**

Model Number: T400 Series Conventional.  
Quote/DTPO/CO: Q50296476  
Version Number: 37.20



Kenowrth of Louisiana K960  
1001 Edwards Ave

Jefferson Parish  
4901 Jefferson Hwy Ste A

Harahan, Louisiana United States 70123  
Phone: (504) 818-0100  
Fax:  
Email: Bryan@kwloisiana.com

Jefferson, La. United States 70121  
Phone: (318) 415-7450  
Fax:  
Contact Email:  
Prepared for: Misty Camardelle

Model	Description	Weight
	<b>T400 Series Conventional.</b>	11,600
	<b>T470 4x2 Medium Duty</b>	0
	<b>Chassis operation will include</b> stationary application used in lower 48 states [US only]. Stationary operation is defined as running the engine under load while stationary at a substantial fraction of engine gross horsepower (60% or greater) for an extended period of time (longer than 5 - 10 minutes).	0
	<b>Dealer/Customer declines engine w/CARB Idle</b> Emissions Reduction Feature.	0
	<b>T470 4x2 Medium Duty</b>	0
	<b>Other bulk goods</b>	0
	<b>Local pickup &amp; delivery. Vehicles which haul</b> freight, typically operating within a 100-mile radius, on public streets & highways, & other paved surfaces, including limited Class C roads. Includes package & freight delivery, as well as fuel oil or petroleum distribution, etc. Road usage: minimum 3% Class B, do not code for Class D.	0
	<b>Vacuum tank</b>	0
	<b>U.S. Domestic Registry, 50-State</b>	0

**Engine & Equipment**

<b>PX-9 370 2013 370@2000 365@2100 1250@1400</b>	0
Includes turbo exhaust brake, no code is used. Diagnostic Plug for data link, Oil Cooler, Aluminum Flywheel Housing.	
N09200 N205 120..Standard Maximum Speed Limit [LSL]	
N09220 N207 0....Expiration Distance	
N09240 P09 120...Hard Maximum Speed Limit	
N09260 P14 64...Maximum Accelerator Pedal Vehicle Speed	
N09280 P16 0....Accelerator Lower Droop	
N09300 P19 64...Maximum Cruise Speed	
N09320 C143 0....Cruise Control Lower Droop	
N09360 N203 252..Reserve Speed Function Reset Distance	
N09380 N202 0....Maximum Cycle Distance	
N09400 N206 10...Maximum Active Distance	
N09420 N201 0....Reserve Speed Limit Offset	
N09440 P11 NO...Engine Protection Shutdown	
N09460 P06 NO...Gear Down Protection	
N09480 P26 1400.Max PTO Speed	

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Printed:	8/25/2016 10:07:43 AM	<b>Complete</b>	Model Number:	T400 Series Conventional.
Effective Date:	Jan 1, 2016		Quote/DTPO/CO:	Q50296476
Prepared by:	Bryan J Bruno		Version Number:	37.20



Description	Weight
N09500 P02 NO...Cruise Control Auto Resume	
N09520 P04 NO...Auto Engine Brake in Cruise	
N09540 N209 0....Expiration Distance	
N09560 P520 YES..Enable Idle Shutdown Park Brake Set	
N09580 P32 5....Timer Setting	
N09600 P233 YES..Enable Impending Shutdown Warning	
N09620 P234 60...Timer For Impending Shutdown Warning	
N09640 P516 35...Engine Load Threshold	
N09680 P33 NO...Idle Shutdown Manual Override	
N09720 P230 YES..Enable Hot Ambient Automatic Override	
N09740 P46 40...Low Ambient Temperature Threshold	
N09760 P56 60...Intermediate Ambient Temperature Threshold	
N09780 P47 80...High Ambient Temperature Threshold	
<b>Prospector Version 38.1</b> Replaces 38.0	0
<b>Effective VSL Setting NA</b>	0
<b>Engine Idle Shutdown Timer Enabled</b>	0
<b>Enable EIST Ambient Temp Override</b>	0
<b>Enable EIST in PTO Mode</b> Use only with MX and Cummins engines	0
<b>Eff EIST NA Expiration Miles</b> Use only with MX and Cummins engines	0
<b>Air compressor: Cummins 18.7 CFM FOR Cummins AND PACCAR PX engines.</b>	0
<b>Engine mount Powercore air cleaner.</b> w/constant torque SS clamps, pop-up air restriction indicator. Pop-up indicator is standard.	0
<b>Fan Hub: Horton 2-Speed for ISL9, ISL-G, PX-8 or PX-9</b>	0
<b>Cooling module: 1000 square inches</b> T170/T270/T370/T470. Includes metal surge tank on T170/T270/T370.	0
<b>RH under cab DPF/SCR w/ RH SOC vertical tailpipe.</b> For use w/ daycabs, extended daycabs, or modular sleepers. T660 requires split fender hood.	0
<b>Tailpipe: 5 in. single 30 in. 45 degree curved.</b>	-1
<b>Fleetguard filter/Water separator FS1003 w/WIF</b> (water in fuel) sensor. For PACCAR PX-8/PX-9 or Cummins ISL engines.	0
<b>Kenworth Fuel Cooler</b> Required for Cummins engines with a single fuel tank. Required for PACCAR MX-13 engine with a single fuel tank and stationary use: High RPM, low vehicle speed, sustained for longer than 1 hour. Optional for all other applications.	6
<b>Alternator: PACCAR 160 amp, brush type</b>	0
<b>Batteries: 2 PACCAR GP31 threaded post (700) 1400</b> CCA dual purpose.	0

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Description	Weight
<b>Starter: PACCAR 12 volt electrical system. W/</b> centralized power distribution incorporating plug-in style relays. Circuit protection for serviceability, 12-volt light system w/circuit protection circuits number & color coded.	0
<b>Battery disconnect switches 2, mounted on</b> battery box.	2
<b>Multi-function engine connector for body builder</b> interface for Cummins.	0
<b>Body Builder Control Harness coiled EOF for</b> customer installed remote throttle and remote PTO controls. Harness includes Remote PTO control and Remote Throttle controls. T680/T880 models do not require 12-way engine connector sales codes. All other models require (1900082 or 1900084).	2
<b>Transmission &amp; Clutch</b>	
<b>Transmission: Allison 3000RDS 6-speed</b> w/PTO drive gear. 5th Gen controls. Includes heat exchanger & oil level sensor. Rugged Duty Series for vocational applications. Transynd transmission fluid is standard on all Allison 1000, 2000, 3000 & 4000 series transmissions. Requires a push button shift control code. Oil temperature gauge is standard on class 8 models.	291
<b>Driveline: 3 medium-duty 2 centerbearing.</b> *Med duty is 1760 series.	169
<b>Torque converter included w/Allison</b> Transmission.	0
<b>Pushbutton control center console mounted.</b> Class 8 with Allison Transmission.	0
<b>Delete Allison FuelSense</b>	0
<b>J1939 Park Brake Auto Neutral</b>	0
<b>PTO adapter for front engine PTO.</b>	8
<b>Chassis will be fitted w/LH transmission PTO.</b> (PREVENTS ECU F/INTERFERING W/PTO ONLY)	0
<b>Chassis will be fitted w/RH transmission PTO.</b> (PREVENTS ECU F/INTERFERING W/PTO ONLY)	0
<b>Front Axle &amp; Equipment</b>	
<b>Meritor MFS20 Front Axle rated 20K</b> 3.5in. DROP. Standard Track.	150
<b>Front Brakes: 22K Bendix ES S-cam 16.5x6 in.</b>	-46
<b>Front dustshield: for drum brakes:</b> all front axles.	6
<b>Front Brake Drum: 22,000 lbs. 16-1/2x6 in. Cast.</b>	104
<b>Front Hubs Iron hub pilot 22,000 lbs. 10 Bolt</b> 16.5x6in. or 7in. or air disc brakes. 10 Bolt, 11-1/4 in. bolt circle. Consider Wheelguards (5850002) with aluminum wheels.	80

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Description	Weight
ConMet PreSet Plus Hub package; front axle.	0
Hubcap: front vented.	0
Front Auto Slack Adjuster.	0
Front Springs: Taperleaf 20K w/ shock absorbers w/ maintenance-free elastomer spring pin bushings. Standard with rubber pins except for C500 which has threaded pins. W900S only. Not available on W900L. W900B use 2866021.	241
Dual power steering gears: 20K TRW TAS65.	60
Power Steering Cooler:Radiator Mounted Air-to-Oil 2007 and later engines only.	11

#### Rear Axle & Equipment

Single Meritor R23-160 rear axle rated at 23K.	3
Rear Axle Ratio - 5.63.	0
Single Rear Brakes 16-1/2x7 in. Bendix ES-extended service S-cam.	0
Single Rear Brake Drums: cast.	0
Single Rear Hubs: Aluminum hub pilot 23K; 11-1/4 in. bolt circle.	0
ConMet PreSet Plus Hub package; single rear axle.	0
Single Rear axle automatic slack adjusters.	0
Spring Brake: 3030 high output single.	0
Dustshields for drum brakes: all rear axles.	11
Bendix 4S/4M anti-lock brake system.	0
Reyco - 31,000 lbs. Capacity - Rear Suspension - steel	196

#### Tires & Wheels

Front tires: Bridgestone M854 425/65R22.5 20PR. 44.8 in. diameter, all position. On/Off highway. Wide-base tire. Curb protector bar 20.7 in. SLR.	150
Rear tires: Bridgestone M799 11R22.5 16PR. 42 in. diameter, drive. 19.5 in. SLR. Code is priced per pair of tires.	40
Rear Tire Quantity: 4	0
Front wheel: Alcoa 82362 22.5x12.25 aluminum, with Lvl One [TM] finish, hub pilot mount. 11400lb. maximum rating. Super single. Standard track axles may be over 102 in. w/425 tires. Air disc brake compatible.	-10
Rear wheel: Alcoa 88367 22.5x8.25 aluminum with Lvl One [TM] finish, hub pilot mount. 7400 lb. maximum rating. Air disc brake compatible. Code is priced per pair of wheels.	-88
Rear Wheel/Rim Quantity: 4	0

#### Frame & Equipment

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Description	Weight
<b>Frame Rails: 10-3/4 x 3-1/2 x 3/8in. Steel 337in.</b> to 416 in. Truck frame weight is 3.48 lb.-in. per pair of rails. Section modulus is 17.80, RBM is 2,132,000 in-lbs per rail. Frame rail availability may be restricted based upon application, axle/suspension capacity, fifth wheel setting, or component/dimensional specifications. The results of the engineering review may result in a change to the requested frame rail. If a change is required Kenworth Application Engineering will advise the dealer of the appropriate material specification for a substitute rail.	612
<b>Full Steel Insert: for 10-5/8 in. or 10-3/4 in.</b> Steel 337 in. to 416 in. or 2nd insert for 11-5/8 in. steel frame. Adds 1,149,000 in-lb to main rail RBM. Truck insert weight is 2.05 lb.-in. per pair of rails. Full frame insert length is equal to wheelbase plus rear frame cutoff plus dimension forward of front axle by model: T660 and T800 = 21.26 in., C500B = bumper setting minus 0.79 in., W900B = 5.27 in., W900L = 1.50 in., W900S = 3.27 in., T440/T470 50 in. bumper setting = 21.26 in., T470 73 in. bumper setting = 72.3 in.	818
<b>Delete bumper: Requires a bumper setting code.</b>	-94
<b>73 in. Bumper setting. Requires a bumper code.</b>	0
<b>T470 W/ extended front frame rail. Must code</b> for rail separately.	0
<b>Mudflaps, Front: Extra wide for use w/ tires that</b> are wide base singles.	6
<b>Battery box cantilever aluminum BOC w/</b> fiberglass cover.	8
<b>Battery box location: LH Side.</b>	0
<b>T470,C5, T6, T8 non-polished DPF/SCR or CNG cover</b> diamond plate w/ step. For use w/ 2010 or later exhaust systems. For T8, use extended length non-polished battery box on opposite rail to match the length of under cab components.	30
<b>Do not drive: Bumper is deleted. Unit may be</b> decked. Transporter review delivery options. Requires code 6309910 or 6309912.	0
<b>Component Restriction: Do Not Drive- Unit may be</b> decked.	0
<b>Rear mudflap arms: Betts B-25 standard-duty,</b> straight. Includes B1732 mounting brackets as standard.	0
<b>Rear mudflap shields: White plastic antisail w/</b> Kenworth logo.	0
<b>Square end-of-frame w/ crossmember; non-towing.</b>	30
<b>Fuel Tanks &amp; Equip</b>	
<b>Fuel Tank: 100 US gallon 24.5in. aluminum under</b> replace. Class 8 fuel tanks w/ o locking caps include an anti-siphon device on the filler neck.	-23

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Description	Weight
<b>DEF tank 6.9 clear BOC [CBOC], requires LH under cab fuel tank.</b> This tank has 6.9 gallons of useable volume. The tank will be located inboard of the LH under cab fuel tank. There is no frame space required to locate this tank. Not for use on sleeper chassis. Standard capacity is calculated by fuel capacity of the vehicle and will accommodate two diesel fill-ups for every DEF fill-up. For 1:1 DEF fuel fill ratio, add 7889204.	-23
<b>Standard DEF to fuel fill ratio: 2:1 or greater.</b>	0
<b>Anti-siphon device swaged in place.</b> For any number of fuel tanks.	1
<b>DEF tank location is on the LH.</b>	0
<b>Location: 100 gal fuel tank LH under cab</b>	0

**Cab & Equipment**

<b>Cab: Curved Glass Conventional.</b> Cab Includes aluminum & fiberglass fully hucked cab w/ all aluminum bulkhead doors & continuous stainless steel piano-style door hinges. Single electric horn standard. Incandescent exterior lights include diagnosable bulb detection and warning. Trailer cable on tractors includes integrity detection. Standard features include multiplex wiring for interior lights, automated pre-trip inspection, short and open check diagnostics. Warning alarm will sound when lights are left on.	0
<b>Hood: T470 Sloped Hood for straight rail.</b> Includes radiator mounted grille, split fenders, mudflaps, & separate bumper.	0
<b>Cab heater: W/integral defrosters &amp; A/C 45,000</b> btu cab heater. No sleeper heater/AC. Includes 5 mode rotary control. T660 include filter media.	0
<b>Steering wheel: 18 in. 4-spoke.</b>	0
<b>Adjustable telescoping tilt steering column.</b>	10
<b>Information for customer-installed PTO Chelsea</b> 277. 10-bolt. Available only with Allison 3000/4000 series transmissions.	0
<b>Switch &amp; Wiring for Customer-Installed PTO.</b> Electric over hydraulic PTO. Includes switch guard. Wiring is routed to LH frame for connection to the customer installed PTO. No air controls are provided with this code.	0
<b>Two spare switches: Wired to power.</b>	0
<b>KW Driver Information Center: Includes fuel economy, RPM display, trip information, truck information, diagnostics, gear display, alarm clock.</b>	0

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Description	Weight
<b>Instrument package: Includes speedometer,</b> tachometer, fuel gauge, engine coolant temperature gauge, engine oil pressure, voltmeter. Class 8 also includes primary & secondary air reservoir gauges & an air application gauge. DEF level gauge and warning lamp are included with 2010+ engines. Engine hour meter and outside air temperature readouts are standard. Primary read out will be MPH. Add 8240620 to switch primary scale to KPH in Canada.	0
<b>Large flat panel on dash For customer-installed</b> controls. Reduces gauge count by 6.	0
<b>Cab Interior: Summit. T440/T470 Only. Includes</b> smooth upholstered side & back panels w/stitched accent lines, upholstered door pads, full vinyl headliner, black dash panels & black rubber floor mats.	0
<b>Interior color: Slate Gray w/trim Dark Slate Gray</b>	0
<b>Driver seat: Kenworth Air cushion Plus HB vinyl.</b> Standard features includes 7 in. fore and aft slide adjustment w/isolator, 6-23 degree recline, air suspension with cover, dual armrests, and single chamber air lumbar support. Seat cushion is 20 inches wide w/ 2-position tilt and 2-position front cushion extension. Seat material has a horizontal stitch pattern and is 2-tone in color. Seat back is carpeted and includes a map pocket. Seat is manufactured by National. Includes inside visor and retractable 3-point matching seat belts. Grey seat belts.	0
<b>Rider seat: Kenworth Toolbox Plus HB vinyl.</b> Standard features include fixed base and backrest, tool box seat base w/ door, and dual armrests. Seat cushion is 19.5 inches. Seat material has a horizontal stitch pattern and is 2-tone in color. Seat back is carpeted with a map pocket. Seat is manufactured by National. Includes inside visor and retractable 3-point matching seat belts. Grey seat belts.	0
<b>Seat color: Dark Slate Gray.</b>	0
<b>Under dash center console: Includes one cupholder</b> & two 12V outlets. For use w/Autoshift, Ultrashift, & Allison Gen IV only.	0
<b>Non-self cancelling turn signal: W/column-mounted</b> headlight dimmer switch & intermittent wiper control.	0
<b>Electric LH &amp; RH door locks.</b>	0
<b>Cab access contoured grabhandles, LH/RH.</b>	0
<b>Grabhandle LH inside door frame above dash.</b>	0
<b>Grabhandle RH inside door frame above dash.</b>	0
<b>DAYLITE DOOR: LH/RH INCL RH PEEPER WINDOW</b>	0
<b>Single air horn under cab.</b>	0
<b>Look-Down, Pass. Door, Stainless 8.5x4.4</b>	0
<b>Mirror: Dual Prutsman mirror 7 in. x 16 in.</b> polished stainless steel, and non-heated.	0
<b>Mirror brackets 8-1/2 ft load width.</b>	0
<b>Rear Cab Stationary Window 17 in. x 36 in.</b>	0

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Description	Weight
<b>Manual LH &amp; electric-powered RH door window.</b> Switch located on door.	0
<b>One-piece windshield, w/ curved glass.</b>	0
<b>2 in. rubber wheelwell fender extension.</b>	8
<b>Link Cabmate suspension.</b>	22
<b>Lights &amp; Instruments</b>	
<b>Headlamps: Halogen Projector Low Beam, Halogen</b> Complex Reflector High Beam	0
<b>Marker Lights: with small round base,</b> Five cab roof mounted.	0
<b>Turn Signal Lights: Mounted on fender</b>	0
<b>Combination Stop, Tail, Turn &amp; Backup Lights RH</b> & LH.	0
<b>Daytime Running Lamps.</b>	0
<b>Marker Lights: Interrupter Switch.</b> Included in Turn Signal For All Models Except T3. The T3 Switch Is In The Dash.	0
<b>Wiring Only: For customer-installed backup</b> alarm.	0
<b>Circuit Breakers: Replacing fuses. Does not</b> apply to any 5-amp fuse box position. Breakers include stop/brake/turn, tail lamp, high & low beams, marker/clearance lamps, horn, fuel heat, gauges, air dryer, HVAC controls, panel lamps. Some circuits will remain fuses.	0
<b>Air Equipment</b>	
<b>Air Dryer: Bendix AD-IS heated.</b>	0
<b>Moisture ejection valve w/ pull cable drain.</b>	0
<b>Nylon air tubing in frame &amp; cab, excluding hoses</b> subject to excessive heat or flexing.	0
<b>Extended Warranty</b>	
<b>Standard Warranty.</b>	0
<b>Miscellaneous</b>	
<b>Specify Ship Destination by Narrative.</b>	0
<b>GHG Secondary Manufacturer: Does Not Apply</b>	0
<b>Paint</b>	
<b>Paint color number.</b> N97020 A - L0006 WHITE N97200 FRAME N0001 BLACK	0
<b>Day Cab Standard Paint</b>	0

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Description	Weight
<b>1 - Color Paint - Day Cab</b> Color will be White if no other color is specified.	0
<b>Base coat/clear coat.</b> The Kenworth Color Selector contains additional instructions, as well as information on Kenworth paint guidelines and surface finish applications. Kenworth is standard with Dupont Imron Elite paint.	0
Total Weight	14390 lb

**Prices and Specifications Subject to Change Without Notice.**

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## Request for Taxpayer Identification Number and Certification

Give Form to the  
 requester. Do not  
 send to the IRS.

Print or type See Specific Instructions on page 2.	1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank. <b>KENWORTH OF SOUTH LOUISIANA, LLC</b>	
	2 Business name/disregarded entity name, if different from above	
	3 Check appropriate box for federal tax classification; check only one of the following seven boxes: <input type="checkbox"/> Individual/sole proprietor or single-member LLC <input checked="" type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶ <u>S</u> <small>Note. For a single-member LLC that is disregarded, do not check LLC; check the appropriate box in the line above for the tax classification of the single-member owner.</small> <input type="checkbox"/> Other (see instructions) ▶	
	4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) _____ Exemption from FATCA reporting code (if any) _____ <small>(Applies to accounts maintained outside the U.S.)</small>	
	5 Address (number, street, and apt. or suite no.) <b>1001 EDWARDS AVE</b>	Requester's name and address (optional) <b>**PLEASE REMIT TO: P.O. BOX 1450 GRAY, LA 70359</b>
	6 City, state, and ZIP code <b>HARAHAN, LA 70123</b>	
	7 List account number(s) here (optional)	

**Part I Taxpayer Identification Number (TIN)**

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

**Note.** If the account is in more than one name, see the instructions for line 1 and the chart on page 4 for guidelines on whose number to enter.

Social security number													
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9	0	-	0										
1	9	6	3										
7	1												

**Part II Certification**

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- I am a U.S. citizen or other U.S. person (defined below); and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

**Certification instructions.** You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 3.

Sign Here	Signature of U.S. person ▶ <i>Karen C. Ymarwant</i>	Date ▶ <i>1/25/2016</i>
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**General Instructions**

Section references are to the Internal Revenue Code unless otherwise noted.

**Future developments.** Information about developments affecting Form W-9 (such as legislation enacted after we release it) is at [www.irs.gov/fw9](http://www.irs.gov/fw9).

**Purpose of Form**

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following:

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)

- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See *What is backup withholding?* on page 2.

By signing the filled-out form, you:

- Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
- Certify that you are not subject to backup withholding, or
- Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income, and
- Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct. See *What is FATCA reporting?* on page 2 for further information.



**KENWORTH**  
THE WORLD'S BEST



**T440**

## MAKING DELIVERIES OR WORKING CONSTRUCTION, GET HEAVY-DUTY PERFORMANCE FOR MEDIUM-DUTY APPLICATIONS

When “medium duty” just doesn’t seem heavy duty enough for the job you have in mind, here’s a great idea: Kenworth T440. A workhorse solution for more demanding regional haul, pickup and delivery, municipal and vocational applications, the T440 far outpaces other trucks in this category.

Available as a straight truck or tractor in GVW ratings from 33,000 lbs to 68,000 lbs, the T440 features modern aerodynamic styling, excellent visibility and maneuverability, superior ergonomics, and a fuel efficient powertrain – all, in a robust chassis design meant to deliver a lot more value over the long haul.

Featuring a set-back front axle, a tight turning radius and an optional automatic transmission, the T440 is agile, comfortable and easy to drive for new and experienced drivers alike – even in congested urban situations.



**KENWORTH.**  
**The World’s Best.®**

Perfect for the toughest jobs, the T440 features clear frame rails and a variety of exhaust packages to easily support a wide range of bodies and chassis-mounted equipment. It comes standard with the powerful yet economical-to-operate PACCAR PX-8 engine, or the optional Cummins ISL engine.

Standard equipment includes best-in-class forward lighting with Halogen projector headlamps, multiplexed dash incorporating Kenworth’s Driver Information Center and a productive, doghouse-free premium interior.

Optionally, Kenworth offers its spacious Extended Day Cab with an additional six inches of length and five inches of cab height, a 38-inch Kenworth AeroCab sleeper, an aluminum or 3-piece aerodynamic bumper and high intensity discharge (HID) lighting. The T440 can also be ordered with an air ride cab, factory-installed power take-off (PTO) and one lift axle.



*The T440 is available in three cab/sleeper configurations, standard day cab and the optional extended cab and 38” AeroCab sleeper. Clean frame rails and an exhaust-free back of cab clear the way for quick and efficient installation of a wide range of bodies and chassis-mounted equipment. A weather-tight pigtail simplifies final wiring assembly. These attributes provide cost effective body installations.*



*The T440 incorporates the same highly reliable and ergonomic multiplexed dash installed in Kenworth’s Class 8 product line. The popular Driver Information Center helps drivers optimize vehicle performance. Shown with optional Kenworth’s NavPlus™ business tool incorporating truck route navigation, vehicle monitoring, Bluetooth, diagnostics, telematics, SIRIUS Satellite Radio®, an MP3 player, a back-up camera option and much more. NavPlus offers laptop computer functionality right in the dash.*

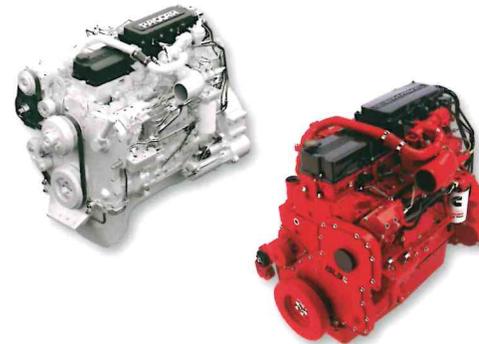


## SAVING MONEY ON MAINTENANCE STARTS RIGHT HERE

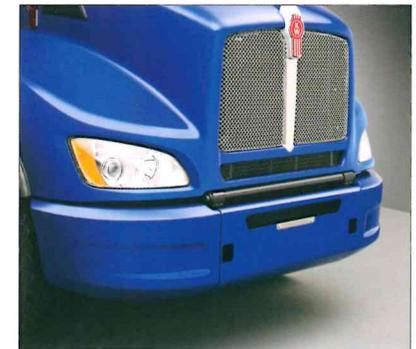


On a Kenworth T440, things are quicker to get to, less strenuous to take apart and faster to put back together which means less downtime and lower repair bills. Even daily inspections have been simplified with all fluid level checks – coolant, oil, power steering and windshield washer reservoir – located in one easy-to-reach place.

At the heart of the T440 is a fully optimized and integrated drivetrain featuring the quality and proven reliability of the PACCAR PX engine. Expect longer service intervals, increased uptime, lower operating costs and higher resale value.



*To meet your specific job requirement, you can choose between the rugged PACCAR PX-8 engine rated at 350 HP and 1,000 lb-ft of torque or the Cummins ISL at 380 HP and 1,300 lb-ft of torque.*



*The stylish grille is made of aluminum mesh for enhanced strength and long lasting good looks. An advanced forward lighting system provides up to 30% more down-road coverage than conventional sealed beam designs. The bumper is constructed of three pieces for easier, less expensive repair.*

# OF COURSE YOU HAVE CHOICES. THIS IS YOUR KENWORTH.

Your T440 is available with plenty of job-specific and appearance options. Here are just a few of them.



*The fully-trimmed standard Summit interior shown with optional Kenworth Air Cushion Plus high back driver seat and Kenworth Toolbox Plus low back passenger seat.*



*Optional center console with two power ports, cup holder and convenient storage makes the perfect in-cab workstation.*



*Easy-to-reach and operate dash control panel for Allison automatic transmissions. Also incorporates a handy cup holder.*



*DEF tanks in three sizes complement your choice of fuel tank size and provide fill interval options appropriate for your application. Fuel tanks in 22" and 24.5" range in size from 56 to 150 gallon, to offer clear back of cab configurations.*



*Cab corner windows greatly enhance visibility in tight places.*



*To add a distinctive look to your T440, Kenworth offers a wide variety of chrome and polished options. Polished aluminum wheels, fuel tanks and DEF tank covers are just few.*



*An advanced forward lighting system provides up to 30% more down-road coverage than conventional sealed beam designs. Choose the standard halogen or optional HID Xenon lamps.*



*Heated and electronically-controlled aerodynamic mirrors minimize road spray, keeping visibility at a maximum.*

## HEAVY-DUTY SUPPORT WHENEVER – AND WHEREVER – YOU NEED IT

The reliability and moneymaking potential of your business relies on the dependability of your support system – another great reason to invest in a Kenworth.

*The minute you take delivery of your Kenworth, you gain 24/7 access to one of the most extensive and reliable parts and service organizations in the trucking industry. People who know your truck inside out and can show you how to lower operating expenses, maximize uptime, optimize truck performance and profit from your investment. Comprehensive preventive maintenance programs, expedited servicing, complimentary roadside assistance and cost management service cards are among the valuable programs available through Kenworth PremierCare®.*

**KENWORTH**  
**PremierCare®**  
**Parts & Service**



*Perhaps you'd prefer to focus your attention and resources on your core business, save interest expense and improve cash flow. PacLease offers a number of truck rental and leasing programs that can be tailored to fit your operating requirements precisely. [www.paclease.com](http://www.paclease.com)*

*Start with a lender who understands your business. PACCAR Financial has served owner-operators and fleets for nearly 50 years, matching individual requirements with customized financing packages at attractive and competitive rates. Financing has never been this easy. [www.paccarfinancial.com](http://www.paccarfinancial.com)*

**PACCAR**  
**FINANCIAL**

# T440 SPECIFICATIONS - GVW 33,000 TO 68,000 LBS.

## Engine

- PACCAR PX-8 Engine, 260 HP, 660 lb-ft of Torque
- PACCAR PX-8 ratings up to 350 HP, up to 1,000 lb-ft of Torque
- Cummins ISL Engine ratings up to 380 HP, up to 1,300 lb-ft of Torque
- Cummins ISL-G Natural Gas Power, 320 HP
- Fire Truck Ratings Available
- CARB Emission Reduction Feature Available

## Starting & Charging

- Electrical System with Centralized Power Distribution Incorporating Plug-In Style Relays & Circuit Protection for Serviceability
- 160 Amp Bosch Alternator
- 130 and 270 Amp Alternator Options
- PACCAR 12 Volt Starter
- Two PACCAR Dual Purpose Batteries
- 3 Dual purpose, 2 Starting and 2 or 3 Deep Cycle Optima Batteries

## Exhaust Options

- DPF & SCR RH Under with Vertical Tailpipe RH Side of Cab
- DPF & SCR RH Under with Vertical Tailpipe RH Back of Cab
- Vertical Independent SCR/DPF RH/LH Back of Cab
- Vertical Independent Muffler RH Back of Cab (ISL-G Only)

## Transmission

- Eaton Fuller FS6406A 6-Speed
- Clutch - Eaton Fuller
- 6, 9, 10, 11 and 13 Speed Eaton Fuller Transmissions
- Allison Automatic 5 and 6 Speed HS, RDS and EVS

## Frame / Axle / Suspension / Brakes

- Frame - 10 5/8" x 3 1/2" x 5/16" Steel - 120,000 psi - Heat Treated
- Frame - 10 3/4" x 3 1/2" x 3/8", 10 11/16" x 3 1/2" x 1/2", 11 5/8" x 3 7/8" x 3/8"
- 49.4" Bumper Setting
- Full Frame Insert for 10 5/8" and 10 3/4"
- Partial Inserts for 10 5/8" and 10 3/4"
- Front Axles - Dana Spicer, 12,000 lb.
- Front Axles - Dana Spicer, 13,200 to 22,000 lb.
- Front Axles - Meritor, 12,000 to 20,000 lb.
- Front Springs - Taperleaf w/Shocks, 12,000 lb.
- Front Springs - Taperleaf w/Shocks, 13,200 to 22,000 lb.
- Single Rear Axle - Dana Spicer, 21,000 lb.
- Single Rear Axles - Dana Spicer, 22,000 to 30,000 lb.
- Dual Rear Axles - 40,000 to 46,000 lb.
- Rear Suspension - Reyco 21,000 lb.
- Rear Suspension - 23,000 to 46,000 lb. - Kenworth, Reyco, Hendrickson, Neway & Chalmers
- Single Pusher Axle
- Single Tag Axle
- ABS System - Bendix

## Wheels / Tires

- Wheels - Steel 22.5"
- Aluminum 22.5" & 24.5"
- Alcoa Dura-Bright Aluminum Wheels
- Tires - Bridgestone
- Up to 425 Series

## Fuel Tanks

- Aluminum - 56 Gallon, 22" Round Aluminum
- Round Aluminum 22" and 24.5" from 75 to 150 gallons

## Battery Boxes / Bumpers

- Aluminum & Steel Battery Box with Aluminum Diamond Plate Cover
- In Cab Battery Box Under Passenger Seat
- Bumper - Tapered Steel Channel - Painted
- Bumper - Tapered Aluminum Channel
- Bumper - Steel Channel - Chrome
- Bumper - 3-Piece Aerodynamic

## Cab / Hood / Interior

- Cab - Aluminum and Composite
- Extended Day Cab
- 38" AeroCab FlatTop Sleeper
- Hood - Sloped Aerodynamic
- Interior - Smooth Gray Vinyl with Black Dash Trim
- Power Door Locks
- Passenger-side Electric Window
- Kenworth Air Cushion High Back Driver Seat
- Kenworth Intermediate and High Back, Air and Toolbox Rider Seats
- 2-Person Bench Seat
- Sears Driver and Rider Seats
- Rear Cab Corner Windows
- Kenworth Multifunction Driver Information Center
- 9 Gauge Instrumentation
- 7.5" x 5" Body Builder Instrument Panel
- 4 Additional Gauge Locations
- Workstation Between Seats
- Halogen Projector Headlamps
- Xenon Headlamps
- Kenworth NavPlus™

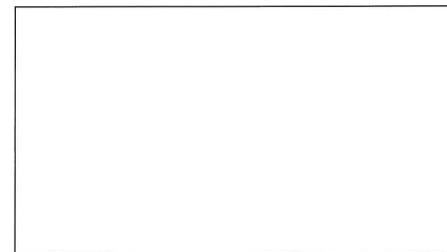
## Special Equipment & Options

- Aerodynamic Heated Mirrors
- Heavy Duty Crossmembers
- Factory Installed PTO's
- Quiet Cab® Package
- Switch & Wiring for Customer Installed Fog Lights & Floodlights
- Left & Right Cab Mounted Halogen Spotlights
- Single and Dual Beacon Lights
- Factory Installed BOC Floodlights
- Daytime Running Lights
- Multi-function Engine Connector for Body Builder Interface
- Bodybuilder Harness
- Adjustable Telescoping Tilt Steering Column
- Remote Keyless Entry
- Bumper Delete

Optional Items in Italics

Note: Equipment and specifications shown in this brochure are subject to change without notice.

Consult with your Kenworth dealer at time of ordering for standard and optional equipment.



A PACCAR COMPANY

KENWORTH TRUCK COMPANY

P.O. Box 1000

Kirkland, Washington 98083-1000

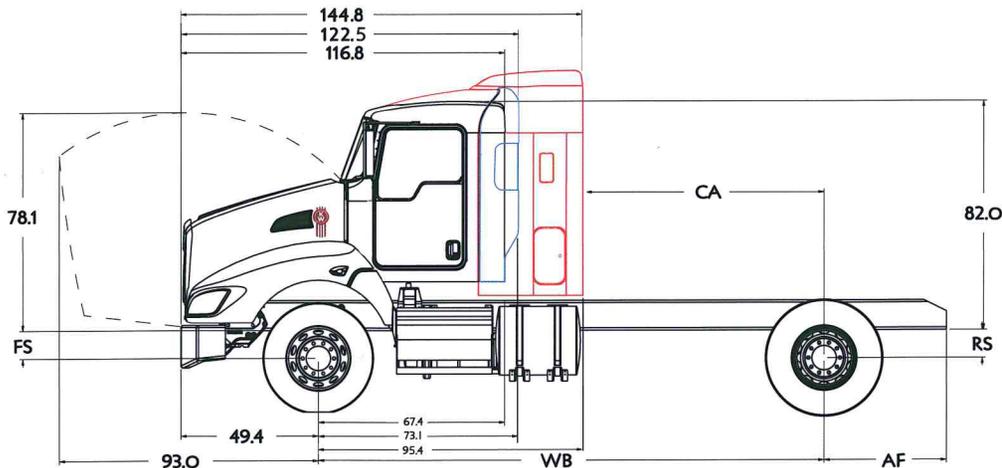
(425) 828-5000

CANADIAN KENWORTH COMPANY

6711 Mississauga Road, Suite 500

Mississauga, Ontario L5N 4J8

(905) 858-7000





# JEFFERSON PARISH

Department of Purchasing

Michael S. Yenni  
Parish President

Brenda J. Campos  
Director

August 12, 2016

ADDENDUM # 1



Bid No.: 50-00117338

Bid Opening Date: August 25, 2016

For: Purchase of Combination Vacuum Sewer Cleaner Truck for the Jefferson Parish Department  
of Public Works

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ADDITIONS.

Attached are the specifications for the chassis.

Sincerely,

*Misty A. Camardelle*

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Misty A. Camardelle, Buyer II  
Jefferson Parish Purchasing Department

Bidders must acknowledge all addenda on the bid form. Bidder acknowledges receipt of this addendum on the bid form as indicated. Failure to do so will result in bid rejection.

This addendum is a part of the contract documents and modifies the original bidding documents and specifications. The contents of this addendum shall be included in the contract documents. Changes made by this addendum shall take precedence over the documents of earlier date.

## CHASSIS SPECIFICATIONS

### GENERAL SUMMARY

114sd 4x2 auto

Gvwr: 43000 lbs., front: 20000 lbs., rear: 23000 lbs.

Wb: 252" ca: 168.5" af: 75"

Engine, diesel: cum isl 370 hp @ 2000rpm, 2100 gov rpm, 1250 lb./ft. @ 1400rpm

Transmission, automatic: Allison 3000 rds with pto provision

Axle, front non-driving: Detroit da-f-20.0-5 20000 lbs. fl1 71.0 kpi/3.74 drop single front axle

Axle, rear, single: rs-23-160 23000-lb capacity, ratio 5.63

### ELECTRONIC PARAMETERS

Governor: PTO governor ramp rate – 200 rpm per second

### ENGINE EQUIPMENT

Cummins isl 370 hp @ 2000rpm, 2100 gov rpm, 1250 lb./ft. @ 1400rpm

Air compressor: Cummins turbocharged 18.7 cfm with internal safety valve

Exhaust system: single, vertical tailpipe & guard

Muffler/tailpipe: after treatment, under step mounted

Switch, exhaust: Cummins exhaust brake integral with variable geometry turbo with on/off dash switch

Jump start: positive and negative posts located on frame next to starter

AlternatorDr 12v 160 amp 28-sissi Quadra mount pad with remote battery volt sense

Battery system: (2) Alliance model 1231, group 31, 12 volt maintenance free 2250 cca threaded stud batteries

Battery box with cover: non-polished

Fuel filter: Cummins spin on type

Fuel filter/ water separator: alliance with primer pump

Oil filter, engine: combination full flow/bypass

Fan drives: Horton 2-speed drive master polar extreme fan drive

Radiator: 1300 sq.” aluminum

Anti-freeze: antifreeze to -34f, noat extended life coolant

Hose clamps, radiator hoses: gates blue stripe or equivalent, constant tension hose clamps for coolant hoses

Air cleaner: Donaldson, side of hood air intake with firewall

Starting motor: Delco 38mt HD 12v with integrated magnetic switch

### **TRANSMISSION EQUIPMENT**

Allison 3000rds automatic transmission with PTO provision

Transmission oil pan: magnetic

Transmission shift control: push button, electronic, dash mounted

Allison vocational package 223 – available on 3000/4000 product families with vocational models rds, hs, mh, and trv

Shift control parameters: primary and secondary – lowest gear 1, start gear 1, highest gear 6

PTO effects, engine front: mounted rh side of main transmission

Wiring, chassis: vehicle interface wiring with body builder connector mounted back of cab

### **FRONT AXLE AND EQUIPMENT**

Detroit da-f-20.0-5 20000 lbs. fl1 71.0 kpi/3.74 drop single front axle

Brakes, front, air-cam: Meritor 16.5x6 q+ cast spider cam

Slack adjusters, automatic: Meritor, front

Dust shields: front brake

Steering gear: trw thp-60 with rch45 auxiliary gear

Power steering: 4 quart power steering reservoir

### **FRONT SUSPENSION**

Suspension, front: 20000lbs capacity, with shock absorbers

Spring pins: graphite bronze bushings with seals

### **REAR AXLE AND EQUIPMENT**

Axle, rear, single: rs-23-160 23000 lbs. capacity, ratio 5.63

Rear axle drain plug: magnetic for single rear axle

Dust shields: rear brake

Slack adjusters, automatic: Meritor, rear

Brake chambers, rear axle: haldex gold seal long stroke 1-drive axle spring parking chambers

Brakes, rear, air-cam: Meritor 16.5x7 q+ cast spider cam rear brakes, double anchor, fabricated shoes

### **REAR SUSPENSION**

Suspension, RR, spring-2.25" axle spacer

Suspension, rear, single: 30000 lbs. capacity, standard U-bolt pad, fore/aft control rods

### **BRAKE SYSTEM**

Brake system: wabco 4s/4m abs without traction control

Brake lines: reinforced nylon, fabric braid, and wire braid chassis airlines

Drain valves: standard brake system valves

Parking brake valve: for truck, standard

Air brake, abs: {wabco antilock brake system}

Air dryer: bw ad-ip with heater

Air dryer location: mounted outboard on rh rail back of cab, maximum 20" back of cab protrusion

### **FUEL TANKS**

Fuel tank: 100 gallon, aluminum-lh, 25" diam., plain aluminum/painted steel fuel/hydraulic tank(s) with painted bands

Fuel filter/water separator: alliance, with primer pump

## **TIRES**

Tire, front: Michelin xzy-3 425/65r22.5 20 ply radial

Tire, rear: Michelin xde m/s 11r22.5 14 ply radial

## **WHEELS**

Wheels, front: Alcoa lvl one 82462x22.5x12.25 10-hub pilot 4.68 inset 10-hand aluminum disc, with pre-set bearing iron front hubs

Wheels, rear: Alcoa lvl one 88367x22.5x8.25 10-hub pilot aluminum disc, with pre-set bearing iron rear hubs

## **CAB EXTERIOR**

Glass: all windows tinted

Grab handle: lh and rh sides

Grille: stationary, black finish

Front end: fiberglass hood

Headlights: integral headlight/marker assembly

Horn: single, electric

Parking light: integral with led stop/tail/turn/backup lights

Running light: daytime – low beam only

Stop, turn, tail & b/u lights: Grote #54332, grommet mounted with separate Grote #62401 led backup lights

Mirrors: dual west coast molded-in color, door mounted, lh and rh 8" molded-in color convex mirrors mounted under primary mirrors

## **CAB INTERIOR**

Cab: conventional, opal gray vinyl

Arm rests: lh and rh integral door panel

Clearance/marker lights: led aerodynamic marker lights

Cup holders: (2) cup holders lh and rh dash

Dome light: 3-way switch activated by lh and rh doors

Cigar lighter: with ash tray, dash mounted

Seat, driver: basic high back air suspension seat with mechanical lumbar and integrated cushion extension

- Seat belt: 3-point fixed d-ring retractor

Seat, passenger: basic high back non-suspension seat

- Seat belt: 3-point fixed d-ring retractor

Air conditioner: heater and defroster

- Clamps, heater: standard heater plumbing

HVAC: standard HVAC ducting

Console, overhead: forward roof mounted console with upper storage compartments without netting

Door trim panels: molded plastic driver and passenger door panels

Floor covering: black mats with single insulation

Instrument panel: molded plastic, gray driver and center

Storage pocket: in dash storage bin

Sun visor: driver and passenger interior sun visors

Steering column: fixed

Steering wheel: 4 spoke 18" diam

Electrical system: 12 volt negative ground system

### **INSTRUMENTS AND CONTROLS**

Instrument panel: gray driver and center

Hazard switch: integral electronic turn signal flasher with hazard lamps overriding stop lamps

Headlight dimmer: integral with self-cancelling turn signal handle

Starter switch: electric key operated

Turn signal switch: self-cancelling for trucks

Turn signals, front: integral electronic flasher with hazard lamps overriding stop lamps

Windshield wiper, switch: integral with turn signal handle

Windshield wiper: single electric motor with delay

Radio: AM/FM/WB radio with front auxiliary input, dash mounted

- Speakers: (2) speakers in cab
- Antenna: AM/FM mounted on forward lh roof

Cruise control: electronic with switches in lh switch panel

Engine shutdown: ignition controlled engine stop with control mounted at firewall

Gauge, air pressure: low air pressure light and buzzer

Gauge cluster: 2" electric fuel gauge, electric engine oil pressure gauge, electronic 3000 rpm tachometer, digital voltage display

Odometer display: trip/hour/diagnostic/voltage /26 warning lamps

#### **COLOR AND DESIGN**

Paint schematic: l0006eb white elite

Paint type: high solids polyurethane chassis paint

#### **WARRANTY**

Extended warranty: towing extended/roadside service warranty, 2 year/ unlimited miles/km,

Federal emissions: 2013 obd/2010 epa/carb/ghg14 escalator