

February 18, 2025

City of Thibodaux
City Hall
310 West Second Street
Thibodaux, LA 70301

Re: Sealed Bid: One (1) Vac-Con V390 Dual Engine, Combo Jet/Vacuum
Cleaner or Equivalent

Dear Sirs and Madams;

Covington Sales & Service, Inc., is pleased to provide you with the attached bid. We take no exceptions to your advertised specifications. We will be furnishing the following:

One (1) New Vac-Con Model V390H/1000 LHA Combination Jet
Vacuum Cleaner mounted on a New Freightliner Model 114SD
Chassis as specified.

Thank you for allowing us the opportunity to submit our bid.

Sincerely,

Covington Sales & Service, Inc.



Chris Kinchen
President

Listing Information/Advertisement:

NOTICE TO BIDDERS

ELECTRONIC BIDS for the purchase of one (1) Vac-Con V390 Dual Engine, Combo Jet/Vacuum Cleaner with Fan Style Vacuum System and 50 gpm @3000 psi Jet Rodder System, or equivalent, will be received by the City of Thibodaux until 10:00 A.M. local time, on Tuesday, February 25, 2025, at which time bids will be retrieved from the Central Auction House (CAH) website and read aloud in the City Council meeting room on the second floor of City Hall located at 310 West Second Street, Thibodaux, LA. Only electronic bids submitted on www.centralbidding.com will be accepted.

Bid Documents are available for download and examination beginning at 8:00 A.M. on Friday, February 7, 2025 only at CAH's website at www.centralbidding.com. To view the bidding documents, download, and receive notices by e-mail, you must register with CAH. For information about the electronic submittal process, contact Central Auction House at (225) 810-4814.

/s/Jennifer Morvant_____
Jennifer Morvant
Council Administrator

Publications: February 7 and 14, 2025



CENTRALBIDDING
FROM CENTRAL AUCTION HOUSE

**Vac-Con V390 Dual Engine, Combo Jet/Vacuum Cleaner, or Equivalent
City of Thibodaux**

Project documents obtained from www.CentralBidding.com

07-Feb-2025 03:50:42 PM

PROPOSAL FORM

Dealer Name COVINGTON SALES & SERVICE, INC.

Address 7868 FLORIDA BLVD.

DENHAM SPRINGS, LA 70726

Contact Name CHRIS KINCHEN

Email PAT@COVINGTONSALES.COM

Phone No 225-664-7427

Make VAC-CON

Model V390

Selling Price \$ 539,872.⁰⁰

Shipping Charges \$ 00.00

Shipping charges shall be the total charge to have item shipped to:

Thibodaux Public Works Barn
1219 Henry S. Thibodaux St.
Thibodaux, LA 70301

NOTE: The City is exempt from the payment of any sales and use tax.
City Tax ID # 72-6001396



CENTRALBIDDING
FROM CENTRAL AUCTION HOUSE

Vac-Con V390 Dual Engine, Combo Jet/Vacuum Cleaner, or Equivalent
City of Thibodaux

Project documents obtained from www.CentralBidding.com
07-Feb-2025 03:24:02 PM

The City of Thibodaux is requesting bids for a **Vac-Con V390 dual engine, Combo Jet/Vacuum Sewer Cleaner with fan style vacuum system and 50gpm @ 3,000psi jet rodder system** or an approved, by the City of Thibodaux, equivalent with delivery to Public Works Department, 1219 Henry S. Thibodaux Rd, Thibodaux, LA 70301 to be included in bid.

General:

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 will be equipped with a self-contained, non-corrosive, nonmetallic water tank supply as the water source for the high-pressure pump.

The machine is capable of being operated by one man, with all operating controls for high-pressure water pump, and hose reel located at the front of the machine for safety. The machine shall have a total of 510 available horsepower to insure performance and longevity of life-cycle. Please state here if unit offered is single engine or dual engine DUAL. The auxiliary engine, water pump, vacuum compressor, debris body and boom support assembly shall be mounted to a single unitized welded sub-frame.

VEHICLE REQUIREMENTS:

CHASSIS SPECIFICATIONS

2025 or Newer Freightliner 114SD plus 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: Aftertreatment, 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

Alternator: DR 12V 160 AMP 28-SI Quadramount 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 Drivemaster 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 Goldseal Longstroke 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

ADDITIONAL CHASSIS WARRANTY AND REQUIREMENTS

Extended Warranty: Towing Extended/Roadside Service Warranty, 2 Year/ Unlimited

Miles/KM, \$550 Cap

Federal Emissions: 2013 OBD/2010 EPA/CARB/GHG14 Escalator

SEWER CLEANER BODY:

DEBRIS TANK

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 has a five-year warranty. A copy of the 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.

CENTRIFUGAL COMPRESSOR (FAN DESIGN)

☒ Yes ☐ No

The centrifugal vacuum compressor shall be of 3-stage construction (i.e. 3-27" minimum diameter fans in tandem). The centrifugal compressor (fans) shall be constructed of Corten steel. The compressor's outer housing shall be spun from one piece of 3/16" steel for strength and provide proper airflow in operation. 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 piston pump and motor. 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 bypass valve. Hydrostatic loop filtration shall be accomplished by a 10 Beta micron return filter and a 10-micron Absolute (no bypass) charge filter.

To maximize long term durability by reducing the load on one side of the compressor, the compressor shaft shall extend through the compressor and shall be additional stabilized by using two high speed bearings, one at each side of the shaft. No exceptions will be allowed to this requirement.

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

of the machine is provided.

A centrifugal separator located in the inlet chamber to the fans with cleanout box is provided. The separator removes particles from the air stream, thus enabling unit to vacuum wet or dry material. The separator is separate from the debris body. The centrifugal compressor (fan) system is capable of producing 90% vacuum with no airflow. This feature allows material to be vacuumed under the water surface, i.e. lift stations, plugged manholes, etc.

Unit must be capable of vacuuming under water 16.6' (200") without air induction. A manometer/vacuum test may be required to demonstrate the system performance.

The centrifugal compressor fans have a 5-year replacement 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 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 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
- 1 - 6' Aluminum Pipe Extension

1 - 5' Aluminum Pipe Extension

1 - 3' Aluminum Pipe Extension

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 landfills.

The water tanks carry a ten-year replacement warranty.

AUXILIARY ENGINE (WATER PUMP DRIVE ENGINE) 140 HP Tier IV Diesel ☒ Yes ☐ No

The auxiliary engine shall be used to drive the water pump. An electronic digital diagnostic and fault monitoring panel shall be mounted on the front of the unit at the operator's station and be able to display various engine operation conditions including but not limited to engine rpm, hours, coolant temp and oil pressure. A standard integrated safety shutdown system shall be provided in the engine ecu and will shut the engine down in the event of low oil pressure or excessive coolant temperature. The ignition system start stop switch will be located at the operator's station. The auxiliary engine shall be shrouded and have a hinged door on the driver's side of the unit. The engine oil dipstick shall be accessed from the ground level on the driver's side.

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 handgun system.

A continuous duty flow of 50 g.p.m. and 3000 p.s.i shall be provided.

High-pressure relief valves are provided for both the high-pressure system and handgun 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 1,000' x 3/4" hose. The hose reel is hydraulically powered in both directions by means of a double chain and sprocket drive. The controls for operating the motor has a flow control device to regulate the rotational speed of the reel in both directions. All hydraulic hoses. 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 hydraulic outrigger leg that is controlled hydraulically 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

600' x 3/4" jet rodder hose will be supplied rated for 3000 psi working pressure and 7500 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 (HANDGUN)

☒ 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 handgun pressure relief valve set at 600 p.s.i. shall be provided. One full functioning handgun 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 handgun 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 handgun 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 toolboxes will be provided.

1 Debris body power flush out system

1 Air purge system

1 1/4 turn ball valve water drain

1 Lazy Susan Pipe Rack (4 pipes)

1 Storage box behind cab, 16" x 42" x 96"

1 Hose footage counter, standard - drivers 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 10' leader hose

1 Water pump remote oil drain

2 Traffic Camera with one color monitor, 1 on front hose reel, 1 on rear door of debris tank

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

1 LED Boom Mounted Flood Light - Whelen NP6BB Worklight

PAINT

☒ Yes ☐ No

Unit paint surfaces are shot blasted, Ambershield zinc primed, sanded and sealed with epoxy primer. Hose reel spool, debris tank and sides of mainframe painted with PPG Delfleet single stage polyurethane paint. All other paintable surfaces coated in PPG Ambershield textured black paint.

Unit shall have reflective White or Blue

Chassis shall be painted manufacturers standard white.

with DuPont Imron 5000 polyurethane paint.

Unit shall have reflective White or Blue

Chassis shall be painted manufacturers standard white.

TRAINING AND MANUALS

☒ Yes ☐ No

Operator training will be conducted by a factory-trained representative for a minimum of one day at the time of delivery. 2 copy(ies) 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

☒ Yes ☐ No

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:

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

NO VARIATIONS, NO EXCEPTIONS, NO DEVIATIONS

Covington Sales & Svc. Inc.
P. O. Box 1144
Denham Springs, LA 70727
(225) 664-7427 (800)349-8000

POWERFULLY PRECISE, SUPERIOR PERFORMANCE. DUAL ENGINE COMBINATION MACHINE



909 Hall Park Road | Green Cove Springs, FL 32043 | USA
PHONE (904) 284-4200 | FAX (904) 284-3305
www.vac-con.com | vms@vac-con.com

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**TOUGH, INNOVATIVE, AND EFFICIENT
- DESIGN YOUR DUAL ENGINE
COMBINATION MACHINE TO MEET
ALL YOUR NEEDS.**

**SOME COMPONENTS SHOWN ARE NON-STANDARD.*

AS SHOWN:

1. 180° Articulating Hose Reel, 600 ft. x 1 in.
2. Omnibus™ Precision Power
3. Manual Level Wind Guide
4. Cross-Linked Polyethylene Water Tanks
5. Diesel Auxiliary Engine
6. 3-Stage Fan with Centrifugal Separator
7. Hydraulic Reservoir
8. Aluminum Tool Boxes
9. Positive Seal Vacuum Breaker
10. 10 ft. Telescopic Boom with 270° Rotation
11. Hinged Boom Tie Down
12. Debris Body Dump Controls
13. Corten® Steel Debris Tank
14. External Load Level Indicator
15. Lateral Line Cleaning Kit
16. Water Pump with Suction Strainer

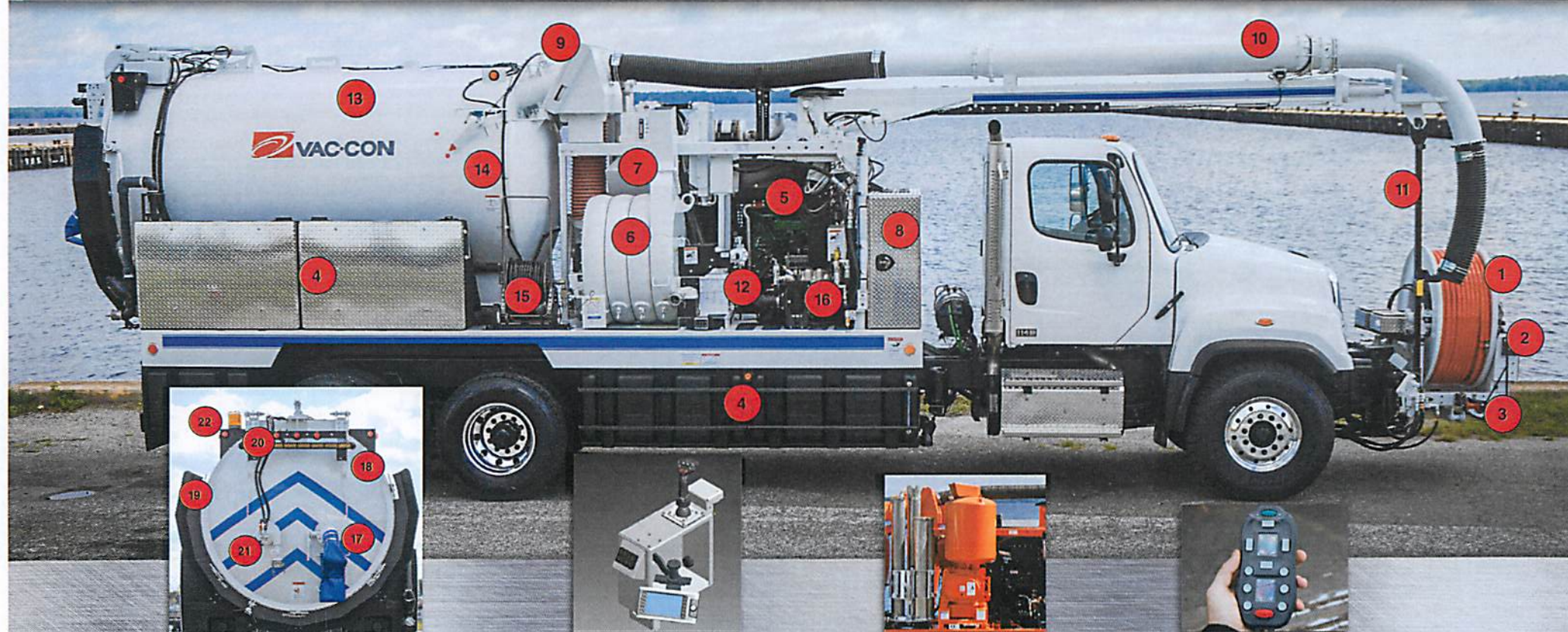
REAR DOOR:

17. 5 in. Butterfly Decant Valve
18. Full-Opening Rear Door with Hydraulic Locks
19. Splash Shield
20. Arrow Stick Lighting
21. Hydraulic Pump Off
22. Strobe Light

OPTIONS

- A. Omnibus™ Precision Power
- B. PD Blower
- C. Wireless Remote
- D. Mainframe Deck Coating
- E. Hydro-Excavation Package
- F. Safety Light Packages
- G. 5yd to 16yd Debris Tank
- H. 500 to 1500 gal. Water Capacity
- I. Hi-Dump

Consult Factory/Dealer for Additional Options



Rear Door

Operator friendly rear door features 5 in. Butterfly Decant Valve, Hydraulic Locks, and Splash Shield.

Omnibus™ Precision Power

The Omnibus Precision Power Control System provides complete control of machine functions from one centralized location, all with real-time diagnostics.

PD Blower

PD Blower with multiple ratings up to 27" Hg and 5,775 CFM.

Wireless Remote

An integrated, enhanced control system that vastly improves usability and efficiency.

PowerTech™ PWL

4045HFC04 Diesel Engine

Industrial Engine Specifications

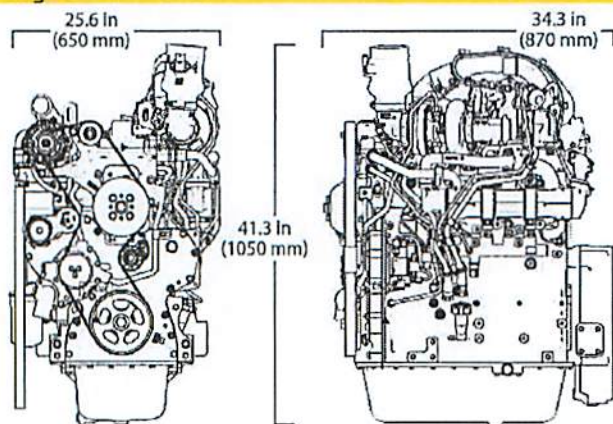


4045HFC04 shown

Certifications

CARB
EPA Tier 4
EU Stage IV

Engine dimensions



*4045HFC09 shown

Dimensions may vary according to options selected. Call your distributor for more information.

General data

Model	4045HFC04	Length – mm (in) to rear of block	870 (34.3)
Number of cylinders	4	Width – mm (in)	650 (25.6)
Displacement – L (cu in)	4.5 (275)	Height – mm (in)	1050 (41.3)
Bore and stroke – mm (in)	106 x 127 (4.2 x 5.0)	Weight, dry – kg (lb)	~ 553 (1220)
Engine type	In-line, 4-cycle		
Aspiration	Turbocharged and air-to-air aftercooled		

Performance data range

Application ratings	Intermittent	Heavy Duty	Continuous
Rated power/Rated speed	100 – 104 kW (135 – 140 hp) @ 2200 – 2400 rpm	86 – 93 kW (115 – 125 hp) @ 2200 – 2400 rpm	63 – 84 kW (85 – 100 hp) @ 2200 – 2400 rpm
Peak power	104 kW (139 hp) @ 2200 rpm	86 – 94 kW (115 – 125 hp) @ 1900 – 2400 rpm	63 – 80 kW (84 – 107 hp) @ 1900 – 2400 rpm
Power bulge	0-4% @ 2200 rpm	0%	0-8% @ 2000 – 2200 rpm
Peak torque	540 N.m (398 ft-lb) @ 1600 rpm	461 – 536 N.m (340 – 395 ft-lb) @ 1600 rpm	333 – 427 N.m (246 – 315 ft-lb) @ 1600 rpm
Torque rise	20 – 36%	33 – 36%	30 – 33%

The Industrial Intermittent engine power rating is for applications that operate at varying loads and speeds, and do not fit the Industrial Heavy-Duty rating definition.

Some applications require Industrial Heavy-Duty engine power ratings. Please contact your John Deere Power Systems engine distributor for more information.

The Industrial Continuous engine power rating is for applications that operate with constant load and speed, except for short periods during startup or shutdown.

Power output is within + or – 5% at standard SAE J 1995 and ISO 3046.

Exhaust filter dimensions

Size	2
Diameter – mm (in)	260.71 (10.26)
Length – mm (in)	572.59 (22.54)
Weight – kg (lb)	19.96 (44)

SCR catalyst dimensions

Size	3
Diameter – mm (in)	322.58 (12.7)
Length – mm (in)	673.1 (26.5)
Weight – kg (lb)	34.02 (75)

See your John Deere Power Systems engine distributor for more information on available filter size options.

Features and benefits

Wastegated turbocharger

- Wastegated turbochargers are designed to develop more airflow at lower engine speeds to improve low-speed torque. The wastegate control device bleeds off a portion of the exhaust flow at higher engine speeds. Wastegated turbos deliver improved transient response and higher peak torque without compromising engine envelope size. They also provide the lowest installed cost across a given power range.

Cooled exhaust gas recirculation (EGR)

- EGR cools and mixes measured amounts of cooled exhaust gas with incoming fresh air to lower peak combustion temperatures, thereby reducing NOx.

Diesel oxidation catalyst (DOC)

- PowerTech PWL 4.5L engines for Final Tier 4/Stage IV produce near-zero levels of particulate matter (PM) without a filter, thanks to an optimized combustion system and engine calibration. Remaining PM and other hydrocarbons are oxidized passively in a flow-through DOC without the need for regeneration.

Selective catalytic reduction (SCR)

- John Deere engines feature an SCR system that utilizes a urea-based additive, sometimes referred to as diesel exhaust fluid (DEF). The ammonia in the urea mixes with engine exhaust gases in the SCR catalyst to reduce NOx — converting it to nitrogen and water vapor.

High-pressure common-rail (HPCR) and engine control unit (ECU)

- The HPCR fuel system provides variable common-rail pressure and higher injection pressures up to 1,975 bar (29,000 psi). It also controls fuel injection timing and provides precise control for the start, duration, and end of injection.

4-valve cylinder head

- The 4-valve cylinder head provides excellent airflow resulting in greater low-speed torque and better transient response time by utilizing a cross-flow design.

Air-to-air aftercooled

- This is the most efficient method of cooling intake air to help reduce engine emissions while maintaining low-speed torque, transient response time, and peak torque. It enables an engine to meet emissions regulations with better fuel economy and the lowest installed costs.

Compact size

- Simplifies installation
- Mounting points are the same as previous models

Engine performance

- Multiple rated speeds to further reduce noise and improve fuel economy
- Higher level of peak torque
- Optional power bulge equal to or better than Interim Tier 4/Stage III B

John Deere electronic engine controls

- Faster engine control unit (ECU) manages both the engine and the aftertreatment system
- Four times the memory, twice the RAM, and double the processing speed
- The input/output capability has increased 40%
- Premium software option integrates with equipment or vehicles to reduce engineering and installation costs

Additional features

- Gear-driven auxiliary drives; 500-hour oil change; self-adjusting poly-vee fan drive; optional factory installed variable-speed fan drive improves fuel economy and reduces noise levels; R.H. and L.H. engine-mounted final fuel filters; optional low-pressure fuel system with electrical transfer pump and “auto-prime” feature.

John Deere Power Systems
3801 W. Ridgeway Ave.
PO Box 5100
Waterloo, IA 50704-5100
Phone: 800.553.6446
Fax: 319.292.5075

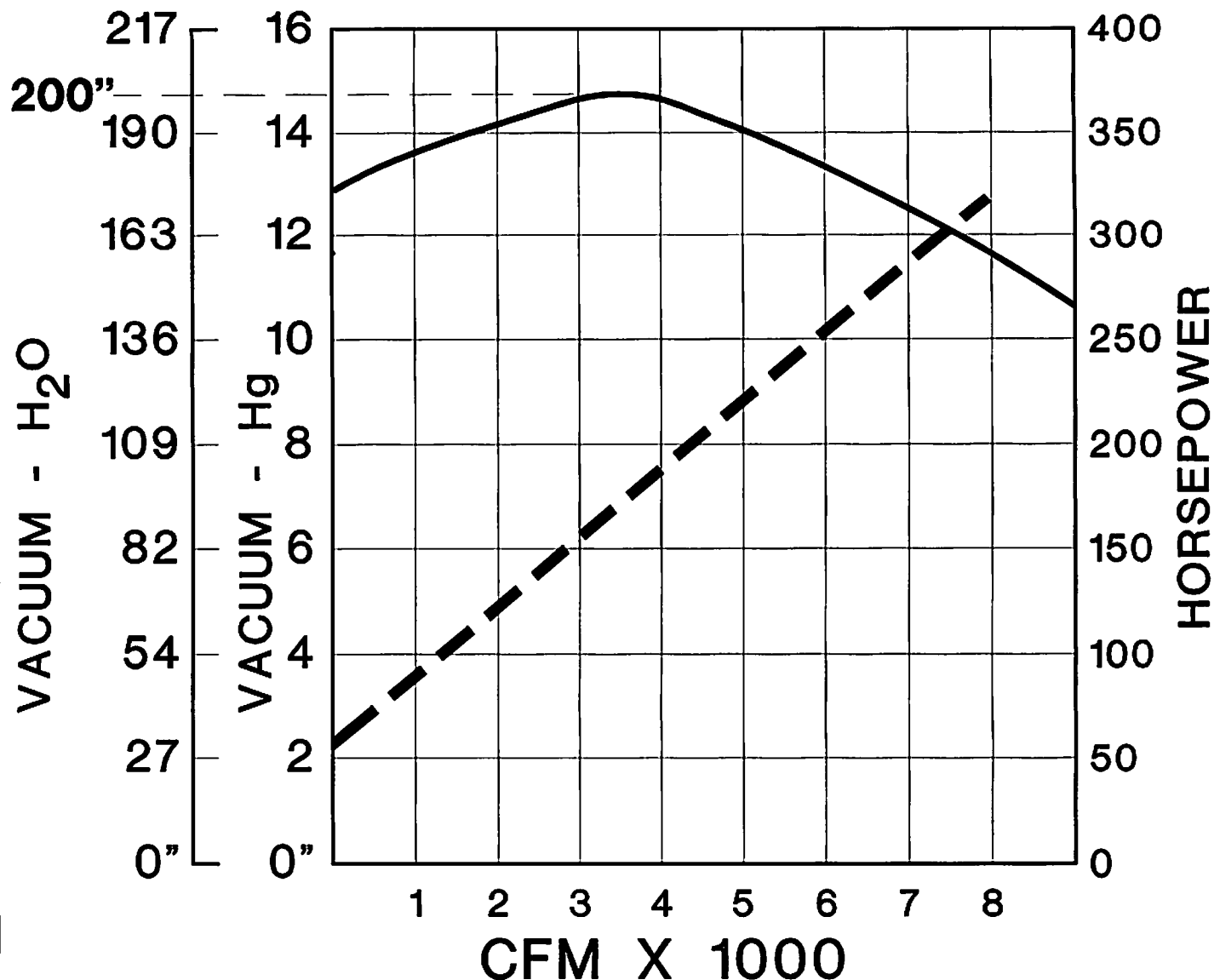
John Deere Power Systems
Usine de Saran
La Foulonnerie - B.P. 11.13
45401 Fleury les Aubrais Cedex
France
Phone: 33.2.38.82.61.19
Fax: 33.2.38.82.60.00

*All values at rated speed and power with standard options unless otherwise noted.
Specifications and design subject to change without notice.*

Litho in U.S.A. (14-01) © 2014 JOHN DEERE



LET	REVISION	DATE
A	SUPERSEDES DWG SAME # DATED 5-87	8-30-93
B	ADDED 200" SCALE	8-20-98



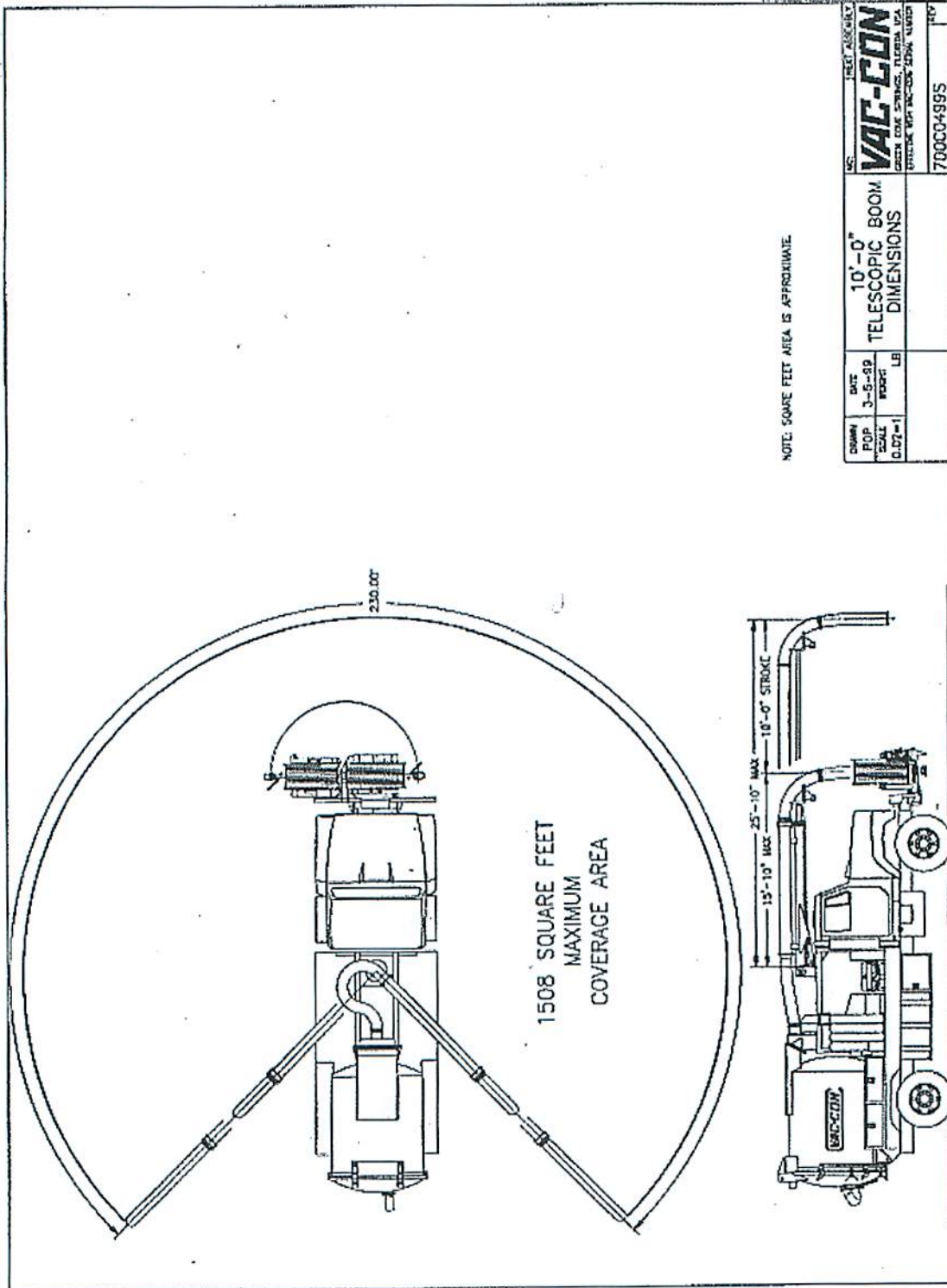
4800 RPM MAX (AS TESTED)

———— VACUUM - - - - HORSEPOWER

Fan curve adjusted for standard air (0.075 lbm/ft³, 29.92 in/hg, 70°F, sea level).

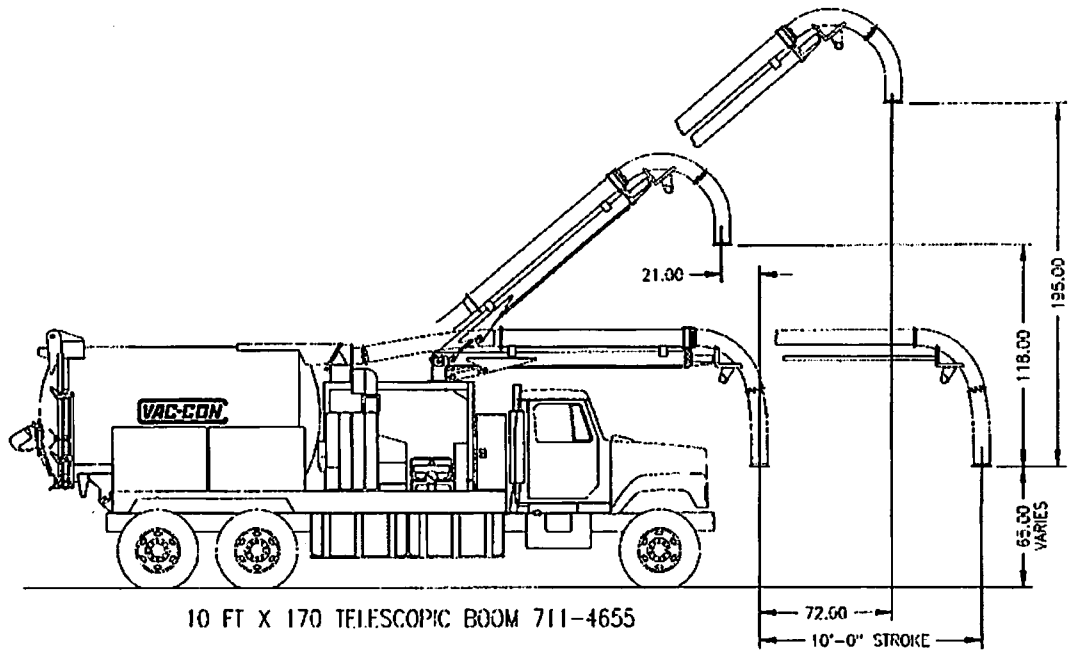
TEST CONDUCTED AND CERTIFIED BY FRANK BLEIER, CERTIFIED INDUSTRIAL PHYSICIST AND PROFESSIONAL ENGINEER REGISTERED ILLINIOS NUMBER 8526, DATED 2-8-63.

DRAWN POP	DATE 8-30-93	3 STAGE FAN VAC COMPRESSOR OPERATING CURVE	NEXT ASSEMBLY	QTY
SCALE 1=1	WEIGHT LB		VAC-CON GREEN COVE SPRINGS, FLORIDA USA EFFECTIVE WITH VAC-CON SERIAL NUMBER	
		MATERIAL	700A0024S	
				REV B



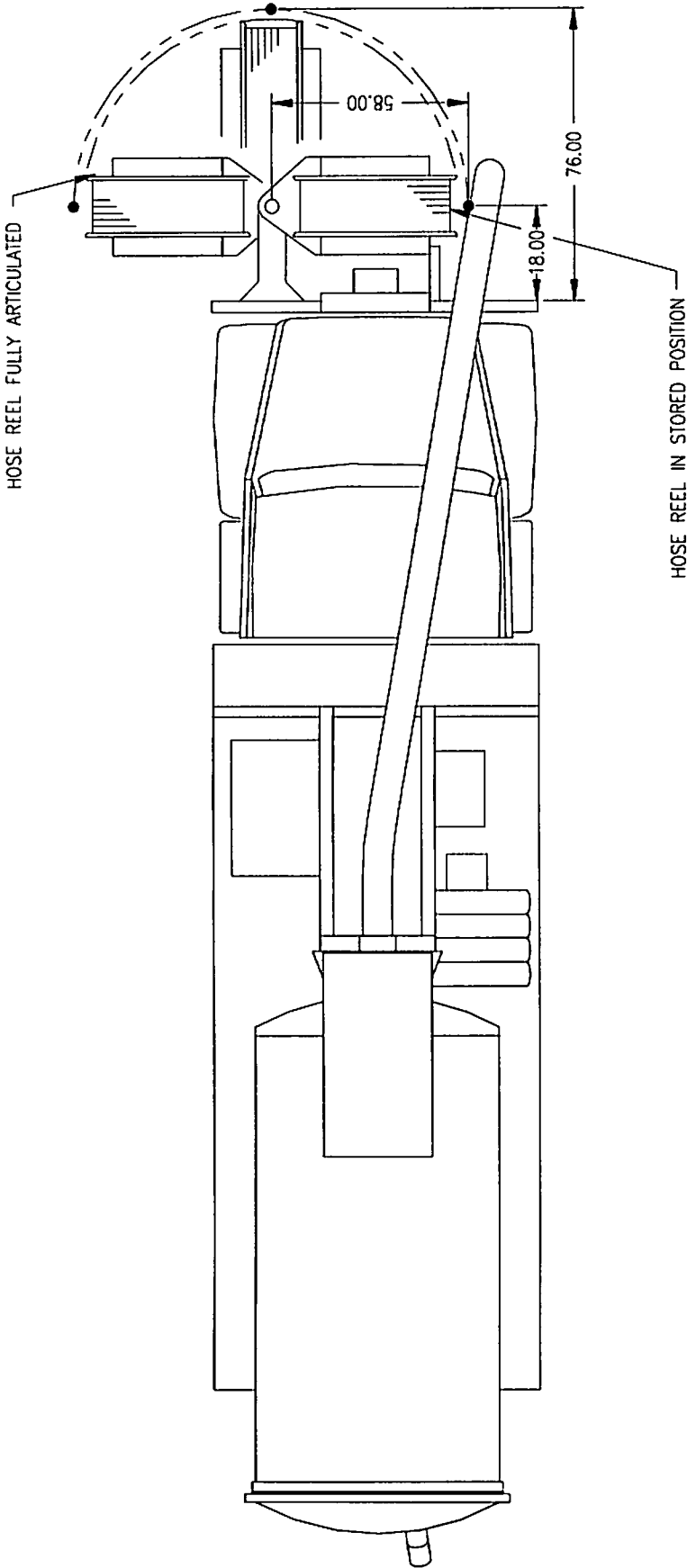
DATE	3-5-89	10'-0"	TELESCOPIC BOOM	10'-0"
SCALE	1"=10'-0"	LB	DIMENSIONS	
0.07=1'				
VAC-CON				700C04995
GREEN COKE SPRINGS, FLORIDA USA				
OFFICIAL VAC-CON SIGNATURE				

G:\700\0532S.DWG: THU APR 26 11:52:41 2007



DRAWN POP	DATE 9-29-93	10'-0" TELESCOPIC BOOM DIMENSIONS	UC:	NEXT ASSEMBLY
SCALE 0.02=1	WEIGHT LB		VAC-CON	
			GREEN COVE SPRINGS, FLORIDA USA EFFECTIVE WITH VAC-CON SERIAL NUMBER	
			700B0532S	REV

LET	REVISION	DATE
A	SUPERSEDES A SIZE DWG DATED 5-25-89	2-16-94
B	ADDED DIMENSIONS	5-14-97



DRAWN POP	DATE 2-16-94	MC:	NEXT ASSEMBLY
SCALE 0.03=1	WEIGHT LB	VAC-CON GREEN COVE SPRINGS, FLORIDA USA EFFECTIVE WITH VAC-CON SERIAL NUMBER	
		ARTICULATING HOSE REEL DRIVER SIDE PIVOT	
		700B0120S	REV B



General Warranty

Specific written warranty statement provided with each new truck shall take precedence over this or any other warranty statement.

COVERAGE:

VAC-CON, as seller, warrants Combination Sewer Cleaning, Xcavators, and Hot Shot equipment manufactured by it, 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.

VAC-CON, as seller, warrants all Industrial Vacuum Machine equipment manufactured by it, shall be free from defects in material and workmanship, under normal use and service as determined by us, for a period of (6) six 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 accident, careless handling, or improper applications shall have injured the unit 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. Fabricated rectangle poly water tanks are warranted by their manufacturer.

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 fan blades, 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 freshwater tanks two hundred and eighty five (285) gallon capacity and less 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.

HOT SHOT WATER TANKS:

One (1) YEAR WARRANTY: VAC-CON warrants that the fresh water tank shall be free from defects in material and workmanship, under normal use and service as determined by the manufacturer, for a period of twelve (12) months (not pro-rated) from the date the unit is first placed into service

FABRICATED RECTANGLE WATER TANKS:

These tanks are warranted by the original manufacturer of the tank to be free from defects in material and workmanship under a warranty administered by the original manufacturer of the tank.

This warranty is not transferable.

WARRANTY REGISTRATION:

Warranty must be registered with Vac Con upon delivery to the first retail purchaser in order to be in effect. Failure to do so will result in the original invoice date becoming the inception date of warranty coverage. Vac Con is not responsible or liable for loss of warranty coverage due to failure to register the warranty in a timely manner.

SPECIFIC EXCLUSIONS:

Normal and routine maintenance as specified in the specific manuals as indicated by the manufacturer's official Operator's Manual. Travel time, meals, lodging, transportation expenses, rental units, and work unrelated to a covered event. Certain parts are deemed consumable or expendable items. These parts are consumed with routine usage of the equipment and are not covered by equipment warranty. Excluded items include, but are not limited to: Nozzles, Nozzle skids, Sewer Cleaning Hoses, Ball Valves, Gate Valves, Knife Valves, Needle Valves, Hose Guides, Rotary Unions, Hand Guns, Unloader Valves, Water System Relief Valves, Hydrant Fill Hoses, Water Pump Packings, Water Pump Check Valves, all Belts, Vacuum Hoses, Boom Suction Elbows, Telescoping Boom Tubes, Suction Tubes, Catch Basin Tubes, Tube Clamps, Rear Door Wear Plate, Lay Flat drain hoses, All Bearings, All Seals and Gaskets, All Fluids, All Filters, Fuses, Electrical Switches, Electric bulbs and lenses.

LIMITATIONS:

Warranty claims must be filed within thirty (30) calendar days from date of repair. Claims submitted more than forty-five (45) days after date of repair, labor will not be considered. Claims submitted more than ninety (90) days after date of repair will not be considered.

Freightliner SD Vocational Coverage



SD Vocational Coverage is not available for vehicles in these vocations: Logging, Mining, Oil field	
Category Determinants	
Road Surface- most severe in-transit between sites	<30% off-highway Rough, maintained concrete/asphalt; maintained gravel/crushed rock; maintained dirt or soft soil (Class C or D Roads)
GCW	92,000 lb/41 730 kg or less
Engines	Cummins ISB, ISC, or ISL engines only
Axles and Their Manufacturer's GVW Rating	
2-axle unit	46,000 lb/20 865kg or less
3-axle unit	66,000 lb/29 937kg or less
4-axle unit	N/A
5-axle unit	N/A

FTL SD Vocational Coverages		
Description	Time ^a	Distance ^a
Basic Vehicle	2 Years	Unlimited
Battery	1 Year	100,000 mi/161 000 km
Brightwork	6 Months	Unlimited
Cab Corrosion/Perforation	5 Years	Unlimited
Cab Structure	5 Years	Unlimited
Corrosion	6 Months	Unlimited
Crossmembers	5 Years	Unlimited
Diesel Emission 2010 ^b	5 Years	100,000 mi/161 000 km
Drivetrain	2 Years	Unlimited
Frame Rails	5 Years	Unlimited
Paint	1 Year	100,000 mi/161 000 km
Paint, Chassis	6 Months	Unlimited

a. Time or distance, whichever comes first

b. Applies to vehicles equipped with EPA 2010 compliant diesel engines

JOHN DEERE NEW OFF-HIGHWAY ENGINE WARRANTY



JOHN DEERE

Warranty Duration

Unless otherwise provided in writing, John Deere* makes the following warranty to the first retail purchaser and each subsequent purchaser (if purchase is made prior to expiration of applicable warranty) of each John Deere new off-highway engine marketed as part of a product manufactured by a company other than John Deere or its affiliates and on each John Deere engine used in an off-highway repower application:

- 12 months, unlimited hours of use, or
- 24 months and prior to the accumulation of 2000 hours of use

Note: In the absence of a functional hourmeter, hours of use will be determined on the basis of 12 hours of use per calendar day.

Warranty Coverage

This warranty applies to the engine and to integral components and accessories sold by John Deere, and delivered to the first retail purchaser on or after 1 January 2007.

All John Deere-warranted parts and components of John Deere engines which, as delivered to the purchaser, are defective in materials and/or workmanship will be repaired or replaced, as John Deere elects, without charge for parts or engine repair labor, including reasonable costs of labor to remove and reinstall non-engine parts or components of the equipment in which the engine is installed, and, when required, reasonable costs of labor for engine removal and reinstallation, if such defect appears within the warranty period as measured from the date of delivery to the first retail purchaser.

Emissions Warranties

Emissions warranties appear in the operation and maintenance instructions furnished with the engine/machine.

Obtaining Warranty Service

Warranty service must be requested of the nearest authorized John Deere engine service outlet before the expiration of the warranty. An *authorized* service outlet is a John Deere engine distributor, a John Deere engine service dealer, or a John Deere equipment dealer selling and servicing equipment with an engine of the type covered by this warranty.

Authorized service outlets will use only new or remanufactured parts or components furnished or approved by John Deere.

Authorized service locations and the name of the John Deere division or subsidiary making this warranty are listed in the *Parts and Service Directory for John Deere Engines*.

At the time of requesting warranty service, the purchaser must be prepared to present evidence of the engine's delivery date.

John Deere reimburses authorized service outlets for limited travel expenses incurred in making warranty service repairs in non-John Deere applications when travel is actually performed. The limit, as of the date of publication of this statement, is US\$400.00 (US\$500.00 if engine is marine) or equivalent. If distances and travel times are greater than reimbursed by John Deere, the service outlet will charge the purchaser for the difference.

* "John Deere" means John Deere Power Systems with respect to users in the United States, John Deere Limited with respect to users in Canada, and Deere & Company or its subsidiary responsible for marketing John Deere equipment in other countries where the user is located.

Purchaser's Responsibilities

The cost of normal maintenance and depreciation.

Consequences of negligence, misuse, or accident involving the engine, or improper application, installation, or storage of the engine.

Consequences of service performed by someone other than a party authorized to perform warranty service, if such service, in John Deere's judgment, has adversely affected the performance or reliability of the engine.

Consequences of any modification or alteration of the engine not approved by John Deere, including, but not limited to, tampering with fuel and air delivery systems.

The effects of cooling system neglect as manifested in cylinder liner or block cavitation ("pitting", "erosion", "electrolysis").

Any premium for overtime labor requested by the purchaser.

Costs of transporting the engine or the equipment in which it is installed to and from the location at which the warranty service is performed, if such costs are in excess of the maximum amount payable to the service location where the warranty service performed at the engine's location.

Costs incurred in gaining access to the engine; i.e., overcoming physical barriers such as walls, fences, floors, decks or similar structures impeding access to the engine, rental of cranes or similar, or construction of ramps or lifts or protective structures for engine removal and reinstallation.

Incidental travel costs including tolls, meals, lodging, and similar.

Service outlet costs incurred in solving or attempting to solve non-warrantable problems.

Services performed by a party other than an authorized John Deere engine service dealer, unless required by law.

Charges by dealers for initial engine start-up and inspection, deemed unnecessary by John Deere when operation and maintenance instructions supplied with the engine are followed.

Costs of interpretation or translation services.

No Representations or Implied Warranty

Where permitted by law, neither John Deere nor any company affiliated with it makes any guaranties, warranties, conditions, representations or promises, express or implied, oral or written, as to the nonoccurrence of any defect or the quality or performance of its engines other than those set forth herein, and DOES NOT MAKE ANY IMPLIED WARRANTY OR CONDITIONS OF MERCHANTABILITY OR FITNESS otherwise provided for in the Uniform Commercial Code or required by any Sale of Goods Act or any other statute. This exclusion includes fundamental terms. In no event will a John Deere engine distributor or engine service dealer, John Deere equipment dealer, John Deere or any company affiliated with John Deere be liable for incidental or consequential damages or injuries including, but not limited to, loss of profits, loss of crops, rental of substitute equipment or other commercial loss, damage to the equipment in which the engine is installed or for damage suffered by purchaser as a result of fundamental breaches of contract or breach of fundamental terms, unless such damages or injuries are caused by the gross negligence or intentional acts of the foregoing parties.

Remedy Limitation

The remedies set forth in this warranty are the purchaser's exclusive remedies in connection with the performance of, or any breach of guaranty, condition, or warranty in respect of new John Deere engines. In the event the above warranty fails to correct purchaser's performance problems caused by defects in workmanship and/or materials, purchaser's exclusive remedy shall be limited to payment by John Deere of actual damages in an amount not to exceed the cost of the engine.

No Seller's Warranty

No person or entity, other than John Deere, who sells the engine or product in which the engine has been installed makes any guaranty or warranty of its own on any engine warranted by John Deere unless it delivers to the purchaser a separate written guaranty certificate specifically guaranteeing the engine, in which case John Deere shall have no obligation to the purchaser. Neither original equipment manufacturers, engine or equipment distributors, engine or equipment dealers, nor any other person or entity, has any authority to make any representation or promise on behalf of John Deere or to modify the terms or limitations of this warranty in any way.

Additional Information

For additional information concerning the John Deere New Off-Highway Engine Warranty, see booklet *Engine Owner's Warranty – Worldwide*.

License No. SV-2024-00143
DPS Code: SDCF

2024-2026

Not Transferable
Valid Only at Address Below

Louisiana Motor Vehicle Commission

This Certifies that

Covington Sales & Service, Inc.
7868 Florida Boulevard
Denham Springs, LA 70726
Chris Kinchen, Dealer-Operators

is duly licensed as a
Specialty Vehicle Dealer
of the following

Conversion(s): ARM Leaf Collectors, CUES, Duraco, Labrie Expert, Labrie Automizer, Leach
Wittke, LeeBoy Brands, Palfinger Epsilon A-Frame, Palfinger Epsilon L-Boom
Palfinger Epsilon Z-Boom, NewWay, PB Loader, PipeHunter, Schwarze, VAC-CON

For the period ending May 31, 2026, 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.

LOUISIANA MOTOR VEHICLE COMMISSION

Dated July 25, 2024
Signed, Sealed and Attested

Issue Date: 07/25/2024


Executive Director

(To be prominently displayed in place of business)

