

**PURCHASE CONTRACT FOR ONE (1) FORD F-750 BUCKET TRUCK
FROM
NATIONAL AUTO FLEET GROUP**

This Purchase Contract ("Contract"), made and entered into this day of _____, by and between the **CITY OF SAN MATEO**, a municipal corporation existing under the laws of the State of California ("CITY"), and **NATIONAL AUTO FLEET GROUP** ("VENDOR").

RECITALS:

A. CITY desires to purchase certain Ford F-750 bucket truck hereinafter described.

B. CITY desires to engage VENDOR to provide these Ford F-750 bucket truck by reason of its qualifications and experience and VENDOR has offered to provide the required goods on the terms and in the manner set forth herein.

NOW, THEREFORE, IT IS AGREED as follows:

SECTION 1 - PURCHASE

The goods to be purchased from VENDOR under this Contract are described in Exhibit A to this Agreement, which is attached and incorporated by reference.

SECTION 2 - PRICE AND TAXES

All prices shall be as stated in this Contract and are firm and not subject to escalation. This purchase, in the amount not to exceed \$197,832.44, is subject to all California sales tax. Municipalities are exempt from federal excise and transportation taxes. Prices shall exclude these taxes.

SECTION 3 - PAYMENT

Unless otherwise agreed in writing, payment terms shall be net thirty (30) days from date of receipt of invoice or acceptance of goods, whichever occurs last. Invoices must cite the purchase order number to prevent delay in payment. All invoices must be mailed to City of San Mateo, Attn: Accounts Payable, 330 West 20th Avenue, San Mateo, CA 94403.

SECTION 4 - DELIVERY AND PERFORMANCE

Time is of the essence in the performance of this Contract. If delivery of goods cannot be made at the specified time, VENDOR shall promptly notify the CITY of the earliest possible date for delivery. Notwithstanding such notice, if VENDOR for any reason fails to deliver goods within the time specified or to the CITY's satisfaction the CITY may terminate this Contract or any part thereof without liability except for goods previously provided and accepted. The CITY's receipt or acceptance of all or part of a non-conforming delivery shall not constitute a waiver of any claim, right or remedy the CITY has under this Contract or applicable law.

SECTION 5 - SHIPMENT AND INSPECTION

VENDOR assumes full responsibility for all transportation, transportation scheduling, packing, handling, insurance, and other services associated with delivery of all products. No charges for transportation containers, packing, etc., will be allowed the vendor unless so specified in this Contract. All shipments shall be F.O. B 1961 Pacific Blvd, San Mateo, CA 94403. Transportation charges shall be shown as a separate item on the invoice.

The CITY may revise shipping instructions as to any goods not as yet shipped. The CITY shall have the right to inspect any or all of the goods at VENDOR's place of business or upon receipt by the CITY. By reason of its failure to inspect the goods, the CITY shall not be deemed to have accepted any defective goods or goods which do not conform to the specifications provided or to have waived any of the CITY's rights or remedies arising by virtue of such defects or non-conformance. VENDOR shall be responsible for payment of shipping for the return of any defective goods. Shipping documents and invoices must cite the Purchase Order number.

SECTION 6 - WARRANTIES

In addition to any other expressed or implied warranties and unless otherwise agreed in writing, VENDOR warrants that all products delivered hereunder will be new, suitable for use as described, of the grade and quality specified, free from all defects in design, material and workmanship; in conformity with all samples, drawings, descriptions and specifications furnished; in compliance with all applicable federal, state and local laws and regulations, and free of any liens and encumbrances. These warranties shall not be deemed to exclude VENDOR's standard warranties or other rights or warranties which the CITY may have or obtain.

SECTION 7 - INDEMNITY

VENDOR agrees to hold harmless and indemnify CITY, its elected and appointed officials, employees, and agents from and against any and all claims, loss, liability, damage, and expense arising out of VENDOR's performance of this Contract, except for those claims arising out of CITY's sole negligence or willful misconduct. VENDOR agrees to defend CITY, its elected and appointed officials, employees, and agents against any such claims.

SECTION 8 - TERMINATION

This Contract may be terminated by mutual consent of both parties or by the CITY at its discretion. The CITY may cancel an order for goods at any time with written notice to VENDOR, stating the extent and effective date of termination. Upon receipt of this written notice, VENDOR shall stop performance under this Contract as directed by the CITY. If the Contract is terminated, VENDOR shall be paid in accordance with the terms of the Contract for goods delivered and accepted.

SECTION 9 - REMEDIES

In the event of VENDOR's breach of this Contract, City may take any or all of the following actions, without prejudice to any other rights or remedies available to the City by law: (a) require Vendor to repair or replace such goods, and upon VENDOR's failure or refusal to do so, repair or replace the same at VENDOR's expense; (b) reject any shipment or delivery containing defective or nonconforming goods and return for credit or replacement at VENDOR's option, said return to be made at VENDOR's cost and risk; (c) cancel any outstanding deliveries and treat such breach by VENDOR as VENDOR's repudiation of this contract. In the event of the CITY's breach hereunder, VENDOR's exclusive remedy shall be VENDOR's recovery of the goods or the purchase price payable for goods shipped prior to such breach.

SECTION 10 - COMPLIANCE WITH LAW

VENDOR warrants that it will comply with all federal, state, and local laws, ordinances, rules and regulations applicable to its performance under this Contract. VENDOR shall obtain and maintain throughout the life of the Contract all permits or licenses required in connection with the manufacture, sale, and shipment of the products ordered under this Contract.

SECTION 11 - ASSIGNMENT

VENDOR shall not delegate or subcontract any duties and services or assign any rights or claims under this Contract without the CITY's prior written consent.

SECTION 12 - ARTWORK, DESIGNS, PATENTS, COPYRIGHTS AND TRADEMARKS

VENDOR hereby agrees that the sale, use or incorporation into manufactured products of all machines, software, hardware, materials and other devices furnished under this Contract are free and clear of infringement of any valid patent, copyright, or trademark. VENDOR shall hold the CITY harmless from any and all costs and expenses, including attorney fees, liability, and loss of any kind growing out of claims, suits or actions alleging such infringement, and VENDOR agrees to defend such claims, suits or actions.

SECTION 13 - GOVERNING LAW

This Purchase Order and the contract between the parties evidenced hereby or attached thereto shall be deemed to be made in the State of California and shall in all respects be construed and governed by the laws of that state.

SECTION 14 - VENUE

In the event of litigation, venue will be in the County of San Mateo.

SECTION 15 - WAIVER

The waiver of any term, condition or provision hereof shall not be construed to be a waiver of any other such term, condition or provision, nor shall such waiver be deemed a waiver of a subsequent breach of the same term, condition or provision.

SECTION 16 - COSTS AND ATTORNEY FEES

Attorney fees in an amount not exceeding \$85 per hour per attorney, and in total amount not exceeding \$5000, shall be recoverable as costs (by the filing of a cost bill) by the prevailing party in any action or actions to enforce the provisions of this Contract. The above \$5000 limit is the total of attorney fees recoverable whether in the trial court, appellate court, or otherwise, and regardless of the number of attorneys, trials, appeals, or actions. It is the intent of this provision that neither party shall have to pay the other more than \$5000 for attorney fees arising out of an action, or actions to enforce the provisions of this Contract.

SECTION 17 - MEDIATION

Should any dispute arise out of this Contract, any party may request that it be submitted to mediation. The parties shall meet in mediation within 30 days of a request. The mediator shall be agreed to by the mediating parties; in the absence of an agreement, the parties shall each submit one name from mediators listed by either the American Arbitration Association, the California State Board of Mediation and Conciliation, or other agreed-upon service. The mediator shall be selected by a "blindfolded" process.

The cost of mediation shall be borne equally by the parties. Neither party shall be deemed the prevailing party. No party shall be permitted to file a legal action without first meeting in mediation and making a good faith attempt to reach a mediated settlement. The mediation process, once commenced by a meeting with the mediator, shall last until agreement is reached by the parties but not more than 60 days, unless the maximum time is extended by the parties.

SECTION 18 - NOTICES

All notices hereunder shall be given in writing and mailed, postage prepaid, addressed as follows:

To CITY: Eric Bell
 City of San Mateo
 1961 Pacific Blvd.
 San Mateo, CA, 94403

To VENDOR: National Auto Fleet Group
 Attn: Neal Carroll
 490 Auto Center Drive.
 Watsonville, CA 95076

SECTION 19 - AGREEMENT CONTAINS ALL UNDERSTANDINGS; AMENDMENT

This document represents the entire and integrated agreement between CITY and VENDOR and supersedes all prior negotiations, representations, and agreements, either written or oral.

This document may be amended only by written instrument, signed by both CITY and VENDOR.

IN WITNESS WHEREOF, CITY OF SAN MATEO and NATIONAL AUTO FLEET GROUP have executed this Agreement the day and year first above written.

CITY OF SAN MATEO

VENDOR

Azalea Mitch
Acting Public Works Director

Name
Its Authorized Agent
Title

APPROVED AS TO FORM

Gabrielle Whelan, Assistant City Attorney



National Auto Fleet Group

A Division of Chevrolet of Watsonville

490 Auto Center Drive, Watsonville, CA 95076

(855) 289-6572 • (831) 480-8497 Fax

Fleet@NationalAutoFleetGroup.com

1/13/2021

Quote ID# HD – 1427BR (R2)

Ms. Cathy Huffington

City of San Mateo
330 W. 20th Avenue
San Mateo, CA 94403

Dear Cathy Huffington,

National Auto Fleet Group is pleased to quote the following vehicle(s) for your consideration.

One (1) New/Unused (2022 Ford F-750 Diesel (F7D) Reg Cab Base 108" CA 182" WB with Versalift VST-47-MHI,) and delivered to your specified location, each for

	MSRP	Sourcewell Price	Savings	Total Saving
Sourcewell Contract Price	\$ 76,360.00	\$ 65,877.36	13.00%	\$ 10,482.64
Utility Crane Quote		\$ 113,513.00		
Tax (9.50%)		\$ 17,042.08		
Delivery		\$ 1,400.00		
Total		\$ 197,832.44		

-per your attached specifications:

This vehicle(s) is available under the Sourcewell (Formerly known as NJPA) Contract Number 060920-NAF. Please reference this Contract Number on all Purchase Orders to National Auto Fleet Group. Payment terms are Net 20 days after receipt of vehicle.

Thank you in advance for your consideration. Should you have any questions, please do not hesitate to call.

Sincerely,


Ben Rodriguez
HD Contract Manager

HD@Nationalautofleetgroup.com

Office (855) 289-6572

Fax (831) 480-8497



**Utility Crane & Equipment, Inc.**

10160 Redwood Ave

Fontana, CA 92335

(866) 832-4831

QUOTATION**AERIAL BASKETS - DIGGER DERRICKS - UNDERGROUND LINE & WATER LEAK LOCATORS****Date:** 1/12/2021 Revision**Quote Number**

201201

To: National Auto Fleet Group
Ben Rodriguez
Alhambra, CA**Submitted by:** Chip Reed

We submit for your consideration and acceptance the following equipment and prices:

Quantity	Model	Description	Price	Total
1	VST-47-MHI	Versalift VST-47-MHI, body and accessories installed on customer chassis per 201201 Quote letter	\$ 113,513.00	\$ 113,513.00
	Option	Chassis PDI	\$ 135.00	\$ -
1	Delivery	Drive away delivery of completed unit	\$ 1,400.00	\$ 1,400.00
	Note	Delivery the latter of 300 days after receipt of PO, 120 days after approval of body drawings, or not earlier than 120 days after receipt of chassis from manufacturer		
	Note	Due to volatility in the steel and aluminum markets this quote will expire on 5/1/2021. After this date please contact your sales representative for an updated quote.		

Extended Total: \$ 114,913.00**Freight & Delivery:** Included**Taxes:** As applicable**Terms:** Net 15 Days**Remit to:** Utility Crane and Equipment
PO Box 950
Tolleson, AZ 85353

Utility Crane & Equipment

10160 Redwood Ave
Fontana, CA 92335
(866) 832-4831



Date: 1/13/21 Revision
Quote: 201201

Cathy Huffington
City of San Mateo
San Mateo, CA

We are pleased to quote the following: VST-47-MHI Insulated 46 ft. 4 Inches (14.1 m) telescopic/articulating aerial platform lift, including the items listed:

- Manual Jib pole and winch package for up to 1000 lbs. capacity. Includes insulated jib pole that is required by ANSI for live line lifting.
- Platform capacity 500 Lbs. with jib installed, 600 Lbs. without jib installed
- Truguard™ 2.0 dielectric isolating system with Right hand 4-Axis single stick control. All control handles are isolated and Tested per ANSI 92.2 2009. This high-resistive dielectric system is protected from direct environmental and job-related contamination. Truguard™ 2.0 technology incorporates the use of full hydraulic controls with durable metal handles and linkages. Includes 180-degree platform rotator.
- 360-degree continuous rotation.
- Six GPM open center hydraulic system with a 3000-psi operating pressure.
- Side mounted telescopic upper boom allows low stowing of platform. Fiberglass inner boom and meeting ANSI A92.2 requirements for Category C 46KV and below.
- Chassis insulating system (fiberglass lower boom insert) providing 12 in. insulation gap and including accommodations to bridge insulation gap for testing per ANSI 92.2
- Non-lube bearings used throughout, except rotation bearing.
- Individual full pressure controls at the turret actuate all boom functions and is equipped with a selector valve to override upper controls. Also included platform leveling and winch control
- Main modified A-frame outriggers are equipped with pilot operated check valves, internal thermal relief valves, pivot feet, and separate controls.
- Auxiliary modified A-frame outriggers are equipped with pilot operated check valves, internal thermal relief valves, pivot feet, and separate controls.
- Outrigger boom interlock system.
- Integral reservoir with a 17-gallon capacity and dual sight gauges.
- End mounted closed heavy-duty 24 in. X 30 in. X 42 in. fiberglass platform with one-step to curbside.

- Platform cover
- Platform liner
- Backup pump for 12V chassis.
- Upper boom storage cradle with ratchet type tie down strap.
- Tubular rubber platform support.
- Standard white urethane paint applied to all lift components prior to assembly.
- XL Safety harness and lanyard.
- Two operator manuals and service manuals.

2022 Ford F-750 cab and chassis to the following specifications:

- GVWR: 33,000
- Extra Heavy-Duty Front-End Suspension 12,000 Front axle, 21,000 rear axle
- Transmission Power Take-Off Provision
- 108 CA
- Diesel engine
- 6-Speed automatic transmission
- Blue tooth equipped

Steel Line Body 156 inches long x 48 inches high x 94 inches wide

- 20 Inches compartment depth
- 54 Inches load space width
- 30 Inches top of body to the top of the floor
- 24 Inches horizontal compartment height
- 6-inch structural sub frame with opening for unit mounting hardware
- Stainless steel automotive single point latches
- Stainless steel rod and socket door hinges
- Chain stops on all doors
- Rubber fenders
- Automotive type weather stripping
- Composite drop board with brackets at rear of cargo area
- Tread plate tail shelf 24 inches long X 94 inches wide with traffic advisor cutout
- Rear Lighting LED in tail shelf
- LED lights in all body compartments
- Two (2) wheel chock storage locations built into body below curb side horizontal compartment
- Punched steel headache rack with light mounting plates

Street Side Compartments:

1st Vertical:

- 24" Wide x 48" High x 20" Deep
- Outrigger cutouts and covers
- Oxy/Act brackets alongside outrigger cut out
- Two (2) hose hooks

2nd Vertical:

- 24" Wide x 48" High x 20" Deep
- Four (4) adjustable shelves with adjustable dividers
- Vented for Inverter and batteries

3rd Vertical:

- 24" Wide x 48" High x 20" Deep
- Five (5) adjustable shelves with adjustable dividers

Horizontal:

- 60" Wide x 24" High x 20" Deep
- One (1) adjustable shelf with adjustable dividers
- Adjustable dividers in compartment bottom

Rear Vertical:

- 3-2 hooks
- Outrigger cutouts and covers

Curb Side Compartments:

1st Vertical:

- 24" Wide x 48" High x 20" Deep
- Two (2) adjustable shelves with adjustable dividers
- Outrigger cutouts and covers

2nd Vertical:

- 24" Wide grip-strut access steps
- Grab handles
- Rubber belt step
- Composite drop board with brackets

3rd Vertical:

- 24" Wide x 48" High x 20" Deep
- T-Handle Locking Drawer Cabinet
 - Drawer Cabinet with One (1) Fixed Shelf Installed Above
 - T-Handle Dual Latching Drawers Mounted on 250 lb. Roller Bearing Slides
 - Drawers will Latch Closed on RH and LH Side of Drawer
 - Drawers will have Divider Slots on 2" Centers
 - Five (5) Drawer(s) 6" High x 14" Wide x 15" Deep

Horizontal:

- 60" Wide x 24" High x 20" Deep
- One (1) adjustable shelf with adjustable dividers
- Adjustable dividers in compartment bottom

Rear Vertical:

- 3-2 hooks
- Outrigger cutouts and covers

Installation to include the following:

- Install VERSALIFT VST-47-MHI, mounting hardware, outriggers, PTO and pump

- Install body and accessories
- Paint body to match chassis cab
- Install back-up camera supplied with chassis
- Install Traffic advisor (LED Directional Bar) recessed in the tail shelf
- Install combination pintle hitch with ball option, with D-rings and combination 6-pin with 4-pin trailer connector
- Install 5000-watt Pure Sign inverter with dual batteries in 2nd street side compartment
- Six (6) weatherproof GFCI outlets wired to inverter. One (1) at each corner of body and one (1) on each side.
- Two (2) A frame reel stands 18"W x 24H" reels maximum, mounted in bed tandem SS between pedestal and platform.
- Fabricate bracket to install A-frame or other reel holder to handle single 36" diameter x 24" length cable reel. Can be cantilevered off back of truck (preferred) or mounted in bed.
- Fabricate pole rack with rollers, ratchet strap tiedowns installed on street side compartment top
- Fabricate ladder rack installed between pole rack mount uprights
- Fabricate front bumper mounted tilting cone holder
- Fabricate post style cone holder at curb side rear
- Install (2) amber beacons on aerial unit turret with master switch in cab
- Two (2) Go lights mounted on headache rack with handheld remotes and wireless dash mount controllers
- One (1) Go light mounted on top of body compartment at curb side rear with handheld remote and wireless dash mount controller
- Provision TV505-A Back up camera
- Install park brake interlock system
- Install mud flaps
- Install outrigger interlock
- Supply (4) outrigger pads
- Supply (2) wheel chocks
- Supply (1) 5 lbs. fire extinguisher
- Supply (1) 3-piece triangle reflector kit
- Test ride completed unit for one (1) hour
- Test and certify per ANSI A92.2

Thank you for the opportunity to quote. Please call with any questions.

Regards,

Chip Reed
Regional Manager
Utility Crane & Equipment
(916) 413-1911



Prepared by: Jesse Cooper

12/04/2020

Watsonville Ford | 550 Auto Center Drive Watsonville California | 950763728

2022 F-750 Diesel Regular Cab Base (F7D)

Price Level: 215

Selected Equip & Specs

Dimensions

- * **Exterior length: 291.0"**
- Exterior width: 96.7"
- * **Wheelbase: 182.0"**
- Rear track: 72.6"
- Front legroom: 41.4"
- Front hiproom: 67.6"
- * **Cab to axle: 108.0"**
- Exterior height: 94.3"
- Front track: 83.8"
- Rear tire outside width: 96.0"
- Front headroom: 40.7"
- Front shoulder room: 68.0"

Powertrain

- 270hp 6.7L OHV 32 valve intercooled turbo V-8 engine with diesel direct injection
- federal
- Rear-wheel drive
- Fuel Economy Highway: N/A
- Fuel/water separator
- Standard rear differential
- Right mounted horizontal tailpipe
- Recommended fuel : diesel
- 6 speed automatic transmission with overdrive
- Fuel Economy Cty: N/A
- 50.0 gal. rectangular Left front fuel tank
- * **Transmission PTO provision**
- Right mounted horizontal muffler

Suspension/Handling

- Front non-independent leaf spring suspension
- Hydraulic power-assist re-circulating ball Steering
- 11.0R22.5 AS front and rear tires
- Rubber auxiliary rear springs
- Rear rigid axle leaf spring suspension
- Front and rear 22.5 x 8.25 wheels
- Dual rear wheels

Body Exterior

- 2 doors
- Black door mirrors
- Side steps
- Straight front bumper ends
- Front and rear 22.5 x 8.25 white steel wheels with 10 wheel studs
- Driver and passenger , manual folding door mirrors
- Black bumpers
- Clearcoat paint
- Hood mounted grille
- 2 front tow hook(s)

Convenience

- Manual air conditioning
- * **Power front windows**
- * **Driver and passenger 1-touch down**
- Manual tilt steering wheel
- * **Day-night rearview mirror**
- Front cupholders
- * **Back-up alarm**
- Cruise control with steering wheel controls
- * **Driver and passenger 1-touch up**
- * **Power door locks**
- Manual telescopic steering wheel
- Wireless phone connectivity
- Passenger visor mirror
- Dual electric horn

Prices and content availability as shown are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.



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2022 F-750 Diesel Regular Cab Base (F7D)

Price Level: 215

Selected Equip & Specs (cont'd)

- Automatic gearshift steering column lever
- Upfitter switches

* Driver and passenger door bins

Seats and Trim

- Seating capacity of 2
- Fixed passenger seat
- Bucket driver seat, Bucket passenger seat
- Low back seats
- Manual fore/aft seats

- Fixed driver seat
- Driver and passenger armrests
- Driver seat folding back, passenger seat fixed back
- Driver seat with 4 way direction control, passenger seat with 2 way direction control

Entertainment Features

- AM/FM stereo radio
- Steering wheel mounted radio controls
- Streaming audio

- Auxiliary audio input
- 2 speakers
- Fixed antenna

Lighting, Visibility and Instrumentation

- Halogen aero-composite headlights
- Fully automatic headlights
- Speed sensitive wipers
- Front reading lights
- Oil pressure gauge
- Trip computer
- RNDM

- Delay-off headlights
- Variable intermittent front windshield wipers
- Light tinted windows
- Tachometer
- Oil temperature gauge
- Trip odometer

Safety and Security

- 4-wheel ABS brakes
- Hydraulic disc brakes
- * **Power door locks**

- Hill hold control
- ABS traction control
- With stolen vehicle tracking system

Dimensions

General Weights

* Curb	10,176 lbs.
Rear GAWR	21000 lbs.
GCWR	50000 lbs.

Front GAWR	12000 lbs.
GVWR	33000 lbs.

Front Weights

* Front curb weight	6,376 lbs.
* Front spring rating	13,200 lbs.

* Front axle capacity	12,000 lbs.
Front tire/wheel capacity	12,350 lbs.

Rear Weights

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Price Level: 215

Selected Equip & Specs (cont'd)

* Rear curb weight	3,800 lbs.	Rear axle capacity	21,000 lbs.
Rear spring rating	21,000 lbs.	Rear tire/wheel capacity	23,360 lbs.

Fuel Tank type

Left front Fuel tank capacity	50.01 gal.
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Front Frame

Height loaded	35 "	Height unloaded	37 "
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Rear Frame

Height loaded	36 "	Height unloaded	38 "
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Powertrain

Engine Type

Block material	Iron	Cylinders	V-8
Head material	Aluminum	Ignition	Compression
Injection	Diesel direct injection	Liters	6.7L
Orientation	Longitudinal	Recommended fuel	Diesel
Valves per cylinder	4	Valvetrain	OHV
Forced induction	Intercooled turbo		

Engine Spec

Bore	3.90"	Compression ratio	16.2:1
Displacement	406 cu.in.	Stroke	4.25"

Engine Power

Output	270 HP @ 2,400 RPM	Torque	700 ft.-lb @ 1,500 RPM
Governed RPM	3,200		

Alternator

Type	HD	Amps	200
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Battery

Cold cranking amps	1,500	Location	Forward right
Step	Yes	Type	Dual

Transmission

Electronic control	Yes	Lock-up	Yes
Overdrive	Yes	Speed	6
Type	Automatic		

Transmission Gear Ratios

1st	3.974	2nd	2.318
3rd	1.516	4th	1.149
5th	0.858	6th	0.674
Reverse Gear ratios	3.128		

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2022 F-750 Diesel Regular Cab Base (F7D)

Price Level: 215

Selected Equip & Specs (cont'd)

Transmission Torque Converter

Stall ratio 1.85

Transmission Extras

Driver selectable mode Tow/Haul Mode Sequential shift control Yes
Oil cooler Regular duty * PTO provision Yes

Drive Type

Type Rear-wheel

Drive Feature

Traction control ABS

Drive Axle

* Ratio 5.57

Exhaust

Material Aluminized steel System type Single

Emissions

CARB Federal

Engine Retarder

Type Yes

Driveability

Brakes

ABS 4-wheel ABS channels 4
Type Hydraulic disc Vented discs Front and rear

Brake Assistance

Hill hold control Yes

Suspension Control

Ride Regular

Front Suspension

Independence Non-independent Type Leaf

Front Spring

Type Tapered leaf Grade Regular

Front Shocks

Type Regular

Rear Suspension

Independence Rigid axle Type Leaf

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Price Level: 215

Selected Equip & Specs (cont'd)

Rear Spring

Type	Multi-leaf	Grade	Regular
Auxiliary	Rubber		

Steering

Activation	Hydraulic power-assist	Type	Re-circulating ball
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Steering Specs

# of wheels	2
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Exterior

Front Wheels

Diameter	22.5"	Width	8.25"
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Rear Wheels

Diameter	22.5"	Width	8.25"
Dual	Yes		

Front Tires

Aspect	82	Diameter	22.5"
Sidewalls	BSW	Tread	AS
Width	11.0"	LT load rating	G
RPM	497		

Rear Tires

Aspect	82	Diameter	22.5"
Sidewalls	BSW	Tread	AS
Width	11.0"	LT load rating	G
RPM	497		

Wheels

Front track	83.8"	Rear track	72.6"
* Turning radius (to curb)	25'	* Turning radius (to bumper)	26'
* Wheelbase	182.0"	Rear tire outside width	96.0"

Body Features

Front splash guards	Yes	* Rear splash guards	Yes
Body material	Composite/galvanized steel	Side steps	Yes
Front tow hook(s)	2		

Body Doors

Door count	2
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Exterior Dimensions

* Length	291.0"	Body width	96.7"
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Price Level: 215

Selected Equip & Specs (cont'd)

Body height	94.3"	* Cab to axle	108.0"
* Axle to end of frame	70.0"	Frame section modulus	15.1cu.in.
Frame yield strength (psi)	80000.0	Frame rail depth	10.3"
Frame rail width	3.1"	Frame rail thickness	0.4"
Max RBM (in.-lbs.)	1,275,200.0	Frame rail section	9.5"
Front bumper to Front axle	39.0"	Nominal RBM (in.-lbs.)	1,211,200.0

Seating**Passenger Capacity**

Capacity 2

Driver Seat

Type Bucket
 Back type Low
 Fore/aft Manual

Back Folding
 Way direction control 4

Passenger Seat

Type Bucket
 Back type Low
 Fore/aft Manual

Back Fixed
 Way direction control 2

Front Armrest

Driver Yes

Passenger Yes

Front Seat Trim

Material Vinyl

Back material Carpet

Convenience**AC And Heat Type**

Air conditioning Manual

Audio System

Auxiliary audio input Yes
 Radio grade Regular

Radio AM/FM stereo
 Seek-scan Yes

Audio Speakers

Speaker type Regular

Speakers 2

Audio Controls

Steering wheel controls Yes

Streaming audio Yes

Audio Antenna

Type Fixed

Cruise Control

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12/04/2020

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2022 F-750 Diesel Regular Cab Base (F7D)

Price Level: 215

Selected Equip & Specs (cont'd)

Cruise control With steering wheel controls

Convenience Features

Driver foot rest	Yes	12V DC power outlet	2
Wireless phone connectivity	Bluetooth	* Back-up alarm	Yes
Horn	Dual electric	Upfitter switches	Yes

Door Lock Activation

* Type	Power	* Auto locking	Yes
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Instrumentation Type

Display

Analog

Instrumentation Gauges

Tachometer	Yes	Oil pressure	Yes
Engine temperature	Yes	Oil temperature	Yes
Transmission fluid temp	Yes	Engine hour meter	Yes

Instrumentation Warnings

Oil pressure	Yes	Battery	Yes
Lights on	Yes	Key	Yes
Low fuel	Yes	Door ajar	Yes
Service interval	Yes	Brake fluid	Yes
Transmission fluid temp	Yes		

Instrumentation Displays

Clock

In-radio display

Instrumentation Feature

Trip computer	Yes	Trip odometer	Yes
Shift indicator	RNDM		

Steering Wheel Type

Material	Urethane	Tilting	Manual
Telescoping	Manual		

Front Side Windows

* **Window 1st row activation**

Power

Window Features

* 1-touch down	Driver and passenger	* 1-touch up	Driver and passenger
Tinted	Light		

Front Windshield

Wiper	Variable intermittent	Speed sensitive wipers	Yes
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Rear Windshield

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2022 F-750 Diesel Regular Cab Base (F7D)

Price Level: 215

Selected Equip & Specs (cont'd)

Window Fixed

Automatic Gearshift

Location Steering column lever

Interior

Passenger Visor

Mirror Yes

Rear View Mirror

* Day-night Yes

Headliner

Coverage Full Material Cloth

Floor Trim

Coverage Full Covering Vinyl/rubber

Trim Feature

Gear shifter material Urethane

Lighting

Dome light type Delay Front reading Yes

Variable IP lighting Yes

Floor Console Storage

Type Partial

Storage

* Driver door bin Yes Front Beverage holder(s) Yes

Glove box Yes * Passenger door bin Yes

Instrument panel Bin Dashboard Yes

Legroom

Front 41.4"

Headroom

Front 40.7"

Hip Room

Front 67.6"

Shoulder Room

Front 68.0"

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2022 F-750 Diesel Regular Cab Base (F7D)

Price Level: 215

As Configured Vehicle

Code	Description	MSRP
Base Vehicle		
F7D	Base Vehicle Price (F7D)	\$71,345.00
Engines		
99C	6.7L Power Stroke V8 Turbo Diesel - 270 HP @ 2400 RPM Includes Engine Exhaust Brake and manual regen capability. Torque: 700 ft.lbs. @ 1500 rpm. <i>Governed RPM: 3200. Includes CARB clean idle label - may be removed if un-necessary.</i>	STD
425	50-State Emissions	N/C
Transmissions		
44G	Ford TorqShift HD 6-Speed Automatic - Double Overdrive, less PTO Provision, less Park Pawl	STD
41A	Transmission Power Take-Off Provision w/LiveDrive Capability and Tow/Haul	\$895.00
Front Wheels & Tires		
643	Wheels, Front 22.5x8.25 White Powder Coated Steel, 10-Hole <i>(285.75MM BC) hub piloted, flanged nut, metric mount, 8.25 DC rims; with steel hubs.</i>	STD
T2B	Tires, Front Two 11R22.5G Goodyear Fuel Max RSA (497 rev/mile)	STD
Rear Wheels & Tires		
663	Wheels, Rear 22.5x8.25 White Powder Coated Steel, 10-Hole <i>(285.75MM BC) hub piloted, flanged nut, metric mount, 8.25 DC rims; with steel hubs.</i>	STD
R2B	Tires, Rear Four 11R22.5G Goodyear Fuel Max RSA (497 rev/mile)	STD

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2022 F-750 Diesel Regular Cab Base (F7D)

Price Level: 215

As Configured Vehicle (cont'd)

Code	Description	MSRP
Brakes		
67H	Hydraulic Brake System - Bosch HydroMax w/Traction Control <i>Full power with automatic adjustment, 4-channel ABS antilock brake system. Includes 12" x 3" (Bosch) DSSA type rear axle mounted parking brake, Orscheln lever control, right of driver and hand operated park brake lever.</i>	STD
Front Axle and Suspension		
43P	12,000 lb. Cap. Non-Driving - Dana E-12021 - I-Beam Type	\$525.00
61E	Taper-Leaf Springs, Parabolic - 13,200 lb. Cap <i>3-leaf, 62" x 3.15". Also includes, standard duty, dual, double acting shock absorbers.</i>	\$365.00
Rear Axle and Suspension		
475	21,000 lb. Single Reduction - Open - Dana / Spicer 21060S <i>NOTE: When specifying an axle ratio, check performance guidelines for startability and gradeability.</i>	STD
68P	Multi-Leaf Springs - 21,000 lb. Cap <i>11-leaf. Includes 2,000 lb auxiliary springs for load stabilization.</i>	STD
X5D	5.57 Axle Ratio	N/C
Wheelbase		
182WB	182" Wheelbase/108" CA/70" AF/291" OAL	\$210.00
Frame		
535	Single Channel - Straight 'C' 15.14 SM, 80,000 PSI <i>1,211,200 RBM. High strength low alloy steel. 10.250" x 3.092" x 0.375" (260.4mm x 78.5mm x 9.5mm). Includes: - GVWR Limit: 37,000 lbs.</i>	STD
Exhaust		
91G	Under Cab, Right Side Outlet, Switchback-Style <i>Single, horizontal muffler, right side, under cab, outside of frame rail with rear discharge.</i>	STD

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2022 F-750 Diesel Regular Cab Base (F7D)

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As Configured Vehicle (cont'd)

Code	Description	MSRP
Fuel Tanks		
65B	Fuel Tank - LH 50 Gallon Rectangular - Aluminum	STD
12	12 Gal. Single Tank Fuel Fill. Mandatory Charge Applied, Based On Tank Selection	\$0.00
Electrical / Alternator / Battery		
STDALT	Extra Heavy Duty Alternator - 12-Volt, 200 Amp Denso SC5	Included
55M	Jump Start Stud - Remote Mounted	\$90.00
STDBAT	Battery - Two 750 CCA, 1500 Total, Includes Steel Battery Box <i>12Volt, Motorcraft.</i>	STD
17M	Back-Up Alarm - Electric, 102 dBA	\$110.00
962	Daytime Running Lamps (Not Configurable)	\$25.00
Seats		
88A	30/0/30 Fixed Driver & Fixed Passenger w/Console - Vinyl	STD
Cab Interior		
600A	Preferred Equipment Package 600A <i>Includes:</i> <ul style="list-style-type: none"> - Bumper, Front - Black, Full Width - Wheel Seals, Front - Oil lubricated, SKF ScotSeal PlusXL Seals - Wheel Seals, Rear - Oil lubricated, SKF ScotSeal PlusXL Seals - Manual Regen Initiation - Driver Interface in Message Center - Engine Exhaust Brake - Extra Heavy Duty Alternator - 12-Volt, 200 Amp Denso SC5 - Painted Grille - Plastic - Lights - Roof Marker/Clearance - Amber Lenses, 5 Lights - Tow Hooks, Front (2) - Frame-Mounted, Painted Black - Four Body Builder Switches - Mounted in Center Instrument Panel With connector access located in engine compartment. Amperages vary by switch: 10, 15, 25, 25. - Floor Covering - Black Vinyl - Intelligent Oil Life Monitor - Steering Column - Tilt / Telescoping - Steering Wheel - Black PVC w/Integral Cruise Control Switches, includes Audio Controls - Body Builder Wiring - At Back of Cab, Combined <i>Includes sealed connectors for 2 ground circuits, with combined left/stop, combined right/stop, park lamps, back up lamps. Also includes 2 additional pass through wires to cab.</i>	N/C

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As Configured Vehicle (cont'd)

Code	Description	MSRP
90P	Power Equipment Group - (Included in (90A) Appearance Group) <i>Includes power front side windows, power door locks and door trim panel.</i>	\$470.00
588	Radio: AM/FM Stereo w/2 Speakers, USB input, Clock Display and Bluetooth	STD
90M	Interior Rear View Mirror	\$75.00
Cab Exterior		
54H	Mirrors, Dual - Rectangular, XL2020 - 96" Width <i>Integral spot mirror, sail type, manual fold, solid black finish.</i>	STD
166	Mud Flap Holder With Flaps	\$155.00
Ship-Thru		
21A	Pre-Delivery Inspection Selection requires that you also choose either (314) or (31F) or (31V) to have the Inspection performed. Required with any final Ship-To that is not a dealer.	N/C
31F	Ship-Thru - NFS National Fleet Services MAY be selected w/o adding (21A). For MODIFICATIONS ONLY, Dealer must make arrangements directly with NFS (please use CVT Resources for add. Info).	N/C
Miscellaneous		
PAINT	Paint Type - Environmentally Friendly, "3 - Wet System"	STD
Interior Colors		
E_01	Gray	N/C
Primary Colors		
YZ_01	Oxford White	N/C
SUBTOTAL		\$74,265.00

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As Configured Vehicle (cont'd)

Code	Description	MSRP
	Destination Charge	\$2,095.00
TOTAL		\$76,360.00

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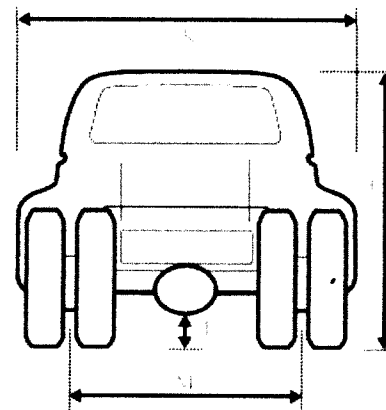
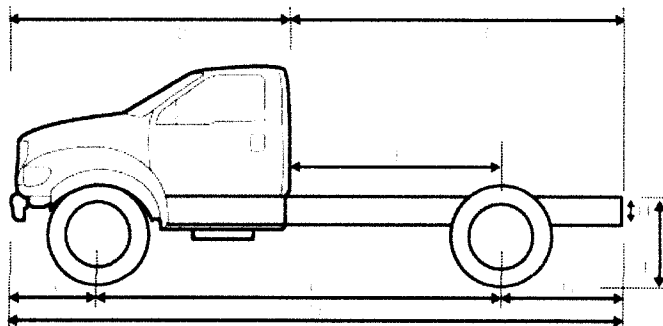
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2022 F-750 Diesel Regular Cab Base (F7D)

Price Level: 215

Vehicle Dimension and Performance Summary

Performance predictions in this report represent an estimate of vehicle performance based on standard operating conditions. Variations in customer equipment, load configuration, ambient conditions, and/or operator driving techniques can cause significant variations in vehicle performance. These values are not representative of results that may be shown in actual dynamometer tests. This report should therefore be used as a guide for comparative vehicle performance.



Dimensions

A	Front of Bumper to Front Axle	39.00 in.
B	Front Bumper to Back of Cab (BBC)	113.00 in.
C	Wheelbase (WB)	182.00 in.
D	Overall Length (OAL)	291.00 in.
E	Back of Cab to Rear Axle (CA)	108.00 in.
F	Back of Cab to End of Frame	178.00 in.
G	Rear Axle to End of Frame (AF)	70.00 in.
H	Frame Section Height	10.30 in.
I	Rear Frame Height Unloaded	38.00 in.
I	Rear Frame Height Loaded	36.50 in.
J	Cab Height	94.30 in.
K	Body Width	96.70 in.
L	Maximum Ground Clearance	N/A
L	Minimum Ground Clearance	N/A
M	Front Tread	83.80 in.
M	Rear Tread	72.60 in.

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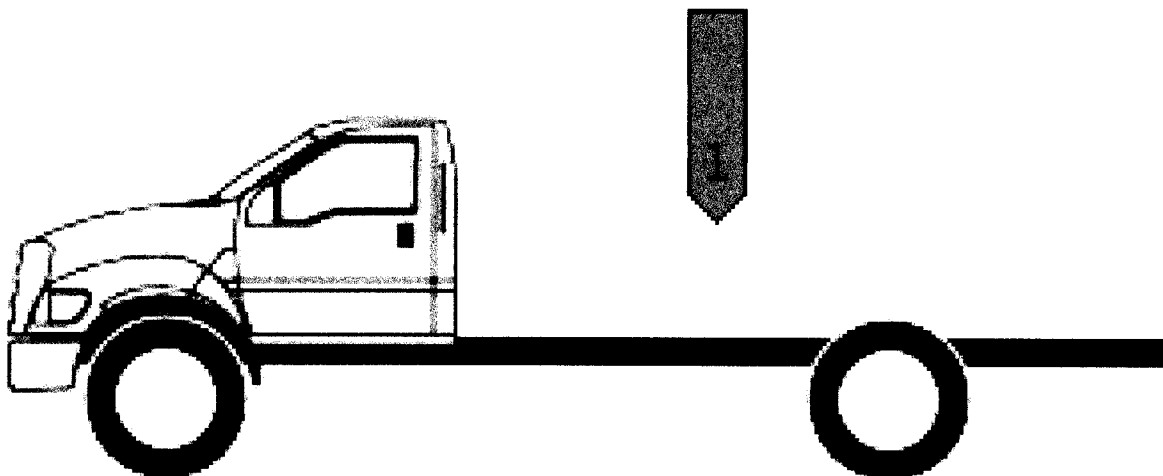
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2022 F-750 Diesel Regular Cab Base (F7D)

Price Level: 215

Vehicle Dimension and Performance Summary (cont'd)



Weight

GVW	Front Axle	Rear Axle	Totals
Chassis	6,376 lbs	3,800 lbs	10,176 lbs
Body	0 lbs	0 lbs	0 lbs
Occupants Weight	200 lbs	100 lbs	300 lbs
1 Max Payload - (Max Payload)	5,424 lbs	17,100 lbs	22,524 lbs
TOTAL	12,000 lbs	21,000 lbs	33,000 lbs

Ratings	Front Axle	Rear Axle	GVWR
GAWR	12,000 lbs	21,000 lbs	33,000 lbs
Wheels/Tires	12,350 lbs	23,360 lbs	
Suspension	13,200 lbs	21,000 lbs	
Axle	12,000 lbs	21,000 lbs	
Legal Axle Limit	0 lbs	0 lbs	

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2022 F-750 Diesel Regular Cab Base (F7D)

Price Level: 215

Vehicle Dimension and Performance Summary (cont'd)

Start, Grade and Speed

Shift Indicator

Vehicle equipped **without** Park Pawl. Shift indicator will display **RNDM**.

Start	Ratio	Desired	Calculated
Start grade capability in 1st gear	3.97	15.00 %	20.17 %
Start grade capability in reverse	3.13	15.00 %	15.88 %
Grade	Ratio	Desired	Calculated
Maximum grade in 4th gear	1.15	3.00 %	6.31 %
Maximum grade in 5th gear	0.86	3.00 %	4.71 %
Maximum grade in 6th gear	0.67	3.00 %	3.70 %
Speed		Desired	Calculated
Top Speed (level grade)		75 mph	103 mph
<i>To meet your requirement you need a maximum axle ratio of 7.64</i>			
Top Speed on 3.0% grade		55 mph	
<i>To meet your requirement you need a maximum of 197 hp</i>			
Cruise Speed		60 mph	74 mph
Engine RPM at desired cruise speed			1,866 rpm

Variables in Use

Rear axle ratio:	5.57/5.57	Governed RPM:	3,200 rpm
Tire size:	11R22.5 (497 rev/mile)	Frontal Area:	57.28 Sq.Ft.
Gross Vehicle Weight (GVW):	33,000 lbs	Cruising RPM	2,300 rpm
Clutch engagement torque:	350 ft.lbs.	Worst road surface	Typical Highway
Torque conversion ratio:	1.85	Final Drive Ratio:	0.67
Peak engine torque:	700 ft.lbs.	Drag Coefficient	0.80
Engine Power:	270 hp @ 2,400 rpm		

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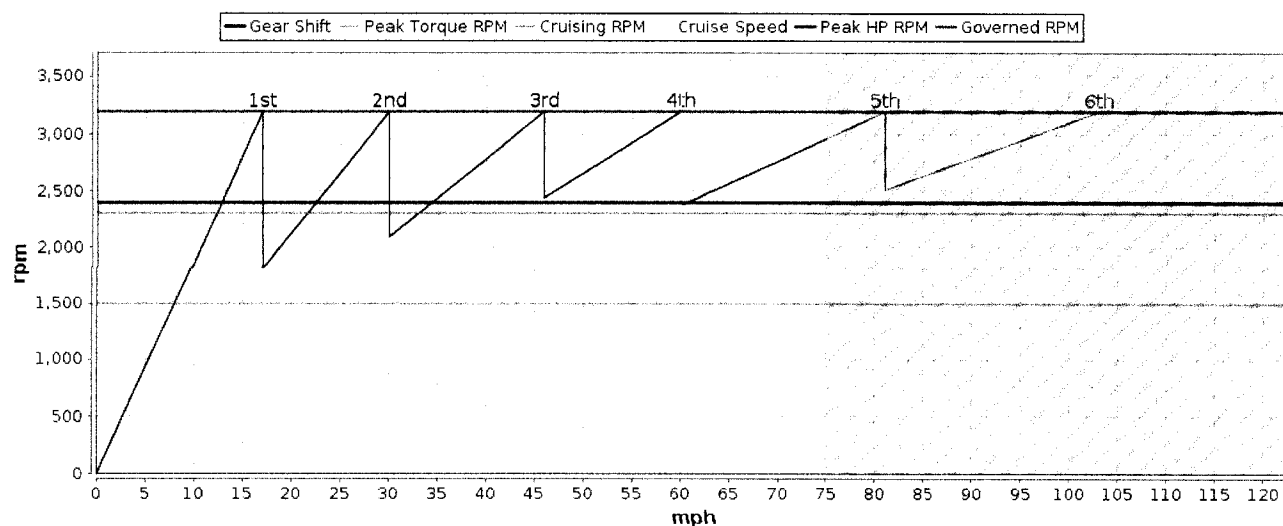
Vehicle Dimension and Performance Summary (cont'd)

Shift Chart

Shift Chart displays mathematical geared speed.

Diesel engines use Governed RPM for shift points.

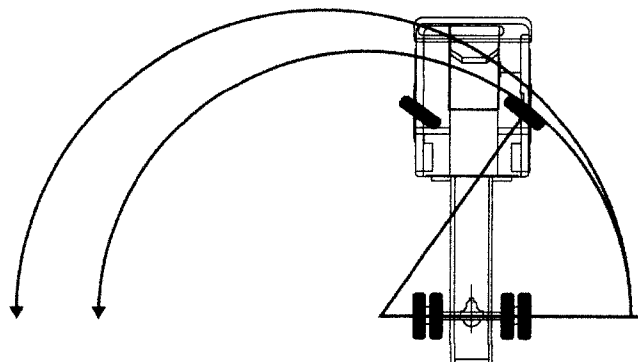
Gas engines use Peak Torque RPM for shift points.



Turning Radius

Turning radius to curb: 24.80 ft

Turning radius to bumper: 26.41 ft



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