







DATE 4/12/2021 QUOTE INFORMATION AVTG20210004245788D VHD64F300 Daycab

PREPARED BY YOUNGS TRUCK CENTER, INC. 3880 JEFF ADAMS DR CHARLOTTE NC 282061259

PREPARED FOR

Qty: 1

Thank you for the opportunity to provide you this quote on your Volvo truck.

This proposal outlines the complete vehicle specification and performance details that have been customized to provide solutions that will help you meet your transportation goals and drive greater business success. The enclosed spec aligns the core values of Volvo Trucks with your business needs by helping you design a solution that drives greater fuel efficiency, driver productivity, safety and uptime.

By partnering with Volvo Trucks, you will benefit from innovative technologies that are incorporated in all we do - from our powertrain components to ensuring your drivers have the ultimate in comfort and convenience - all the while protecting your drivers with our proven safety features.

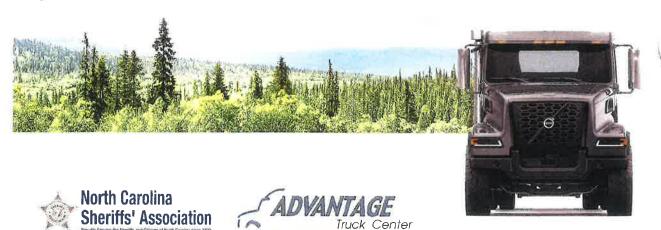
We also stand by our commitment to uptime with Volvo Remote Diagnostics as a standard on all Volvo trucks. With this fully integrated diagnostic package, no additional hardware or software purchase is required to manage your vehicles. By saving your company diagnostic time, your business will reap the benefits of more time spent on the road and less in the shop. With specialized bays for expedited service, Volvo dealerships are dedicated to taking care of your needs quickly and efficiently.

As you review this proposal, please note any questions you may have so that we may discuss them. I look forward to meeting with you soon.

Sincerely,

BRUCE STADLER

YOUNGS TRUCK CENTER, INC.





YOUNGS TRUCK CENTER, INC.



20210104

AVTG20210004245788D 4/12/2021

TECHNICAL SPECIFICATION VHD64F300 Daycab

					WEIGH	T (LB)	
MODE	EL PACKAGE	Phe in Classic and	DESCRIPTION		FRONT	REAR	LIST PRICE
S	007145	MODEL	VHD64F300		7,326	4,681	0
					WEIGH	T (LB)	
VEHIC	CLE ADAPTATI	ON	DESCRIPTION	THE STATE OF THE STATE OF	FRONT	REAR	LIST PRICE
S	2KEZ1X	TRAILER TYPE	WITHOUT TRAILER TY	PE	0	0	0
					WEIGH	T (LB)	l
PASS	IVE AND ACTIV	/E SAFETY	DESCRIPTION		FRONT	REAR	LIST PRICE
	2CXD1X	CAB VERSION	DAY CAB		0	0	0
	WPXB1X	TRACTION CONTROL	6 CHANNEL TRACTION DISABLE	CONTROL WITH LIMITED	0	0	121
					WEIGH	T // D)	ĺ
ENGIN	ie i e e	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	DESCRIPTION			- CANADA DA	LIOT PRIOF
	- 0 12 ×	ENGINE PAGKAGE	The state of the s	DRPM 1250 LBFT - EPA'17	FRONT	REAR	LIST PRICE
S	1017V0	ENGINE PACKAGE	EMISSION LEVEL		0	0	0
					WEIGH	T (LB)	
ENGIN	IE EQUIPMEN		DESCRIPTION		FRONT	REAR	LIST PRICE
S	428001	DIESEL EXHAUST FLUID TANK	18.5 GALLON LEFT HAN (FILLED WITH 10 GALLO LBS)	ND 26", FRAME MOUNTED DNS OF DEF, WEIGHING 91	159	86	0
					WEIGH	T ((D)	ı
TDANIS	SMISSION		DESCRIPTION				LIST DDIOS
S	270707	TRANSMISSION PACKAGE	E TORNACTI HOUSE	FT SEVERE DUTY, AT2612F	FRONT 0	REAR 0	LIST PRICE 0
			DINLOT DRIVE				
PRICELI	IST DATE	QUOTATION DATE	PAGE	CUSTOMER NAME		DEALER N	AME

2 of 16

TECHNICAL SPECIFICATION (cont.)



					WEIGH	IT / B)	
TRAN	NSMISSION		DESCRIPTION		FRONT	REAR	LIST PRICE
S	THXC5X	PROPELLER SHAFT MANUFACTURER		NUF. BY SPICER SPL LIGHT	124	124	0
					WEIGH	IT (LB)	
PRO	GRAMMABLE I	FEATURES	DESCRIPTION		FRONT	REAR	LIST PRICE
S	G4ABGX	VEHICLE OVERSPEED,ALL COND,LOG	VEHICLE OVERSP ABOVE 87MPH (14	EED,ALL COND, TIME LOG IF 0KMH)	0	0	0
					WEIGH	IT (LB)	
FRO	NT AXLE		DESCRIPTION		FRONT	REAR	LIST PRICE
S	370403	FRONT AXLE PACKAGE		00 LB FRONT SPRINGS	20	0	0
S	782014	FRONT BRAKE PACKAGE		NDIX SPICER, NEXT NY DUTY, STANDARD LUBE	42	0	0
S	M0XB1X	STEERING SHAFT TYPE	GREASEABLE STE	EERING SHAFT	-2	0	0
s	371071	FRONT SUSPENSION PACKAGE	PARABOLIC LEAF	FRONT SUSPENSION	78	0	0
					WEIGH	IT (LB)	
REAF	R AXLE		DESCRIPTION		FRONT	REAR	LIST PRICE
s	330684	REAR AXLE PACKAGE	MERITOR MT-40-1 HOUSING) 40,000	4X4D HYPOID (HEAVY DUTY LB CAPACITY	0	0	0
s	TAXCAX	REAR AXLE RATIO	2.64 REAR AXLE R		0	0	0
s	350377	REAR SUSPENSION PACKAGE	40,000 LB VOLVO	Γ-RIDE (2-LEAF FIRM RIDE) 54"	0	386	0
s	YVXA1X	REAR SHOCK ABSORBER	SHOCK ABSORBE	RS, DRIVE AXLES	0	102	0
	*				WEIGH	IT (LB)	
CHAS	SSIS	Carried Colored Colored	DESCRIPTION		FRONT	REAR	LIST PRICE
S	400232	WHEELBASE	232" WHEELBASE		433	433	0
S	402055	OVERHANG	55" OVERHANG		0	206	0
S	8EXB1X	INTERMEDIATE X-MEMBER MATRL	STEEL CROSSMEN	MBER MATERIAL	20	23	0
S	X6XA1X	REAR FRAME TREATMENT	STRAIGHT CUT-OF	F REAR CROSSMEMBER	0	38	0
					WEIGH	T (LB)	
	ISPORT ADAP	TATION ELECTRICAL CONNECTIONS	DESCRIPTION		FRONT	REAR	LIST PRICE
S	L0XB1X	BOC	BODY BUILDER CO	DNNECTIONS BACK OF CAB	3	0	0
CAR	TTENOR -		DECORPTION -		WEIGH	E INCHES	
	EXTERIOR		DESCRIPTION AIR RIDE CAR SUS	PENSION WITH LATERAL	FRONT	REAR	LIST PRICE
s s	2DX30X 3GXC1X	CAB SUSPENSION REAR EXTERIOR MIRROR	DAMPENERS	AXIS MIRROR, BOTH SIDES	-11 3	-2 0	0
Ū	JUNOIN	FEATURES	HEATED, FOWER	WINTON, BOTH SIDES	J	. U .	0
PRICEL	IST DATE	QUOTATION DATE	PAGE	CUSTOMER NAME		DEALER NA	ME

TECHNICAL SPECIFICATION (cont.)



			WEIGH	T (LB)	
SYSTEM		DESCRIPTION	FRONT	REAR	LIST PRICE
73AJ1X	RADIO ANTENNA	SINGLE RIGHT HAND 48 INCH MIRROR MOUNTED RADIO ANTENNA	3	0	0
LYXF1X	STEERING WHEEL SWITCHES	WITH STEERING WHEEL SWITCHES	3	0	0
ersewie inwes			WEIGH	T (LB)	
	MIN THE RESERVE AND ADDRESS OF THE PARTY OF	DESCRIPTION	FRONT	REAR	LIST PRICE
2XX35X	WINDOW LIFT	POWER WINDOW LIFT BOTH DOORS	7	5	0
			WEIGH	T (LB)	
AND WHEELS	FRONT	DESCRIPTION	FRONT	REAR	LIST PRICE
093871	TIRE PACKAGE FRONT	315/80R22.5L BRIDGESTONE M870 (20000 LBS. GAWR) ON/OFF ROAD USAGE (Total for QTY = 2)	336	0	0
084562	RIM/WHEEL PACKAGE FRONT	22.5X9.00 ACCURIDE STEEL POWDER COAT WHITE 286BC 5 HAND HOLES HUB PILOTED (Total for QTY = 2)	208	0	0
	SWESTER OF BUILDING				
AND WHEELS	REAR	Marie Control of the	FRONT	REAR	LIST PRICE
094736	TIRE PACKAGE REAR	11R22.5G BRIDGESTONE R268 (23360 LBS. GAWR) REGIONAL HAUL (STEER/ALL POSITION) (Total for QTY = 8)	0	971	0
085069	RIM/WHEEL PACKAGE REAR	22.5X8.25 ACCURIDE STEEL POWDER COAT WHITE 286BC 5 HAND HOLES HUB PILOTED (Total for QTY = 8)	0	547	0
		FRONT / REAR AXLE WEIGHTS (LB)	8744	7593	
		TOTAL WEIGHT (LB)	16,3		
	73AJ1X LYXF1X CAB EQUIPMEN 2XX35X AND WHEELS 093871 084562 AND WHEELS	73AJ1X RADIO ANTENNA LYXF1X STEERING WHEEL SWITCHES CAB EQUIPMENT 2XX35X WINDOW LIFT AND WHEELS FRONT 093871 TIRE PACKAGE FRONT 084562 RIMWHEEL PACKAGE FRONT AND WHEELS REAR 094736 TIRE PACKAGE REAR	SINGLE RIGHT HAND 48 INCH MIRROR MOUNTED RADIO ANTENNA LYXF1X STEERING WHEEL SWITCHES WITH STEERING WHEEL SWITCHES DESCRIPTION 2XX35X WINDOW LIFT POWER WINDOW LIFT BOTH DOORS AND WHEELS FRONT DESCRIPTION 093871 TIRE PACKAGE FRONT 315/80R22.5L BRIDGESTONE M870 (20000 LBS. GAWR) ON/OFF ROAD USAGE (Total for QTY = 2) 22.5X9.00 ACCURIDE STEEL POWDER COAT WHITE 286BC 5 HAND HOLES HUB PILOTED (Total for QTY = 2) AND WHEELS REAR DESCRIPTION 11R22.5G BRIDGESTONE R268 (23360 LBS. GAWR) REGIONAL HAUL (STEER/ALL POSITION) (Total for QTY = 8) 22.5X8.25 ACCURIDE STEEL POWDER COAT WHITE 86BC 5 HAND HOLES HUB PILOTED (Total for QTY = 8)	PRONT T3AJ1X RADIO ANTENNA SINGLE RIGHT HAND 48 INCH MIRROR MOUNTED RADIO ANTENNA SINGLE RIGHT HAND 48 INCH MIRROR MOUNTED RADIO ANTENNA 3 WEIGH SAB EQUIPMENT DESCRIPTION FRONT 2XX35X WINDOW LIFT POWER WINDOW LIFT BOTH DOORS 7 WEIGH AND WHEELS FRONT DESCRIPTION FRONT 093871 TIRE PACKAGE FRONT 315/80R22.5L BRIDGESTONE M870 (20000 LBS. GAWR) ON/OFF ROAD USAGE (Total for QTY = 2) 22.5X9.00 ACCURIDE STEEL POWDER COAT WHITE 208 WEIGH AND WHEELS REAR DESCRIPTION 11R22 SG BRIDGESTONE R268 (23360 LBS. GAWR) REGIONAL HAUL (STEER/ALL POSITION) (Total for QTY = 8) 085069 RIMWHEEL PACKAGE REAR 2866C 5 HAND HOLES HUB PILOTED (Total for QTY = 8) FRONT / REAR AXLE WEIGHTS (LB) 8744	Table Steeling Single Right Single Right Steeling Stee



Inputs Required	Inputs	UOM
Vehicle Type	Aero Muscle Hood - Roof Fairing (0.60)	MPH
Performance Level	>67 MPH / >108KPH	MPH
Frontal Area	110,0	FEET ²
Accessory Power Loss	11.0	HP

VEHICLE SPECIFICATION SUMMARY

Model

VHD64F300

Gross Combination Weight

NO GROSS COMBINATION WEIGHT PROVIDED

Vehicle Application

ON HIGHWAY, STARTING GRADES <16%

Body/Trailer Type

TRUCK / ASPHALT OR DUMP BODY

Loading/Unloading Surface Type

CONCRETE LOADING AND / OR UNLOADING SURFACE

Engine

VOLVO D11 325HP 2100RPM 1250 LBFT - EPA'17 EMISSION LEVEL

Peak Power

HP

332.0 @ 1400 - 1900

Peak Torque

Newton Meters

1695@1000

Transmission

VOLVO 12 SPEED I-SHIFT SEVERE DUTY, AT2612F DIRECT DRIVE

Rear Axle

MERITOR MT-40-14X4D HYPOID (HEAVY DUTY HOUSING) 40,000 LB CAPACITY

Rear Axle Ratio

Rear Tire

11R22.5G BRIDGESTONE R268 (23360 LBS, GAWR) REGIONAL HAUL

(STEER/ALL POSITION)

Tire Revolutions per **Total Reduction**

Mile

500 2.64

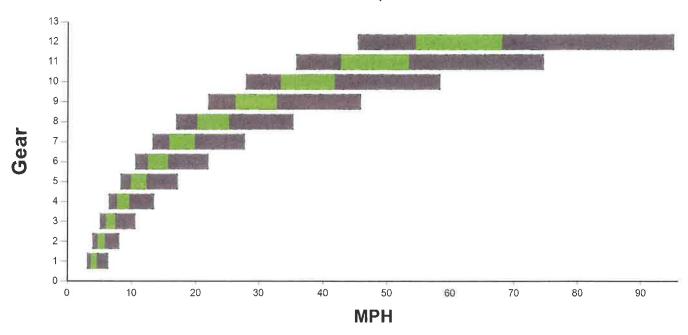
CALCULATED PERFORMANCE SUMMARY							
经证据外国际的	Speed	UOM	RPM	Desired / Recommended Value	Status		
Engine RPM @ 65 MPH	65.2	MPH	1435				
Engine RPM @ Desired Cruise Speed	68.4	MPH	1503	1200 - 1500 rpm	CHECK		
Engine RPM @ Road Speed Limit (RSL)	68.4	MPH	1503	< 2100 rpm	OK.		
Sweet Spot Cruise Speed Range in Top Gear	54,6 - 68,2	MPH	1200 - 1500				
Top Gear Speed Range	45.5 - 95.5	MPH	1000 - 2100	64.6 MPH	OK		
Minimum Practical Speed In Reverse	1.6	MPH	600				
Maximum Practical Speed in Reverse	5.5	MPH	2100				
Minimum Practical Speed In Lowest Forward Gear	1.8	MPH	600				
Maximum Practical Speed In Lowest Forward Gear	6.4	MPH	2100				
	Conc	rete / Asphalt	UOM	网络金色色色	A STATE OF THE STA		
Wheel HP Required at (65 MPH) Cruise Speed	24	1.8 / 263.3	HP				
Wheel HP Required at (75 MPH) Road Speed Limit	24	1.8 / 263.3	HP				
Wheel HP Required at (92 MPH) Top Speed	53	8.9 / 573.4	HP				



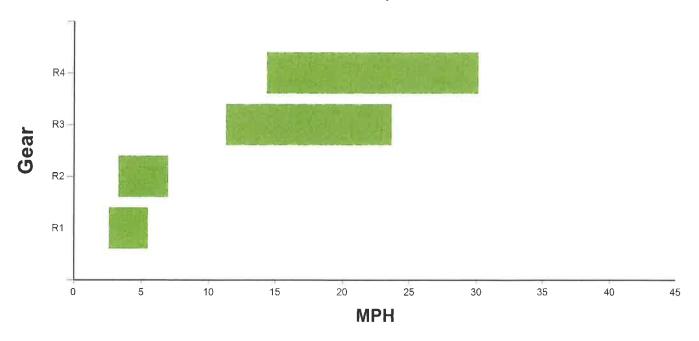
	VEHICLE SPECIFICATION SUMMARY		
Gradeability		Recommended Min. Gradeability in Top Gear	
Maximum in Top Gear (Concrete)	1.6%	0.0%	O.K.
Maximum in Top Gear (Asphalt)	1.4%	0.0%	OK
Startability	A STATE OF THE STATE OF THE STATE OF	Recommended Min. Startability	
In Lowest Gear	36.1%	16,0%	IOK.
Loading/Unloading Surface Type	CONCRETE LOADING AND / OR UNLOADING SURFACE		
		Recommended Speed on 1.5% Grade	
Speed on a 1.5% Grade (Concrete)	48.9 MPH	>67 MPH	CHECK
	@1075 rpm in 12th gear	PL5	
Suggested Value for Gear Down Vehicle Speed	RSL - 10		
Driveability Rating	Status		District to
100% Max Power available after shift	CAUTION!		
>95% Very Good >90% Acceptable			
Performance Level	Recommended Speed on 1.5% Grade	Min. Gradeability in Top Gear	
PL5 - High Performance	>67 MPH	1.9%	
PL4 - Performance	61 - 67 MPH	1.7%	
PL3 - Economy	54 - 60 MPH	1.5%	
PL2 - Fleet / Construction	47 - 53 MPH	1.3%	
PL1 - Heavy Haul	40 - 46 MPH	1.1%	



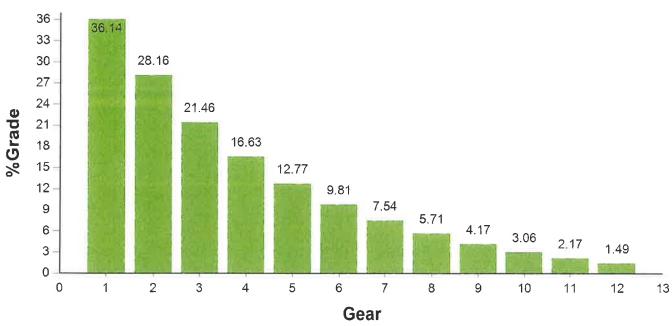




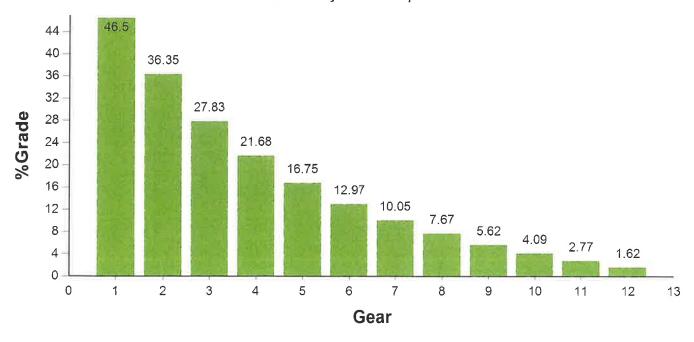
Reverse Geared Speed

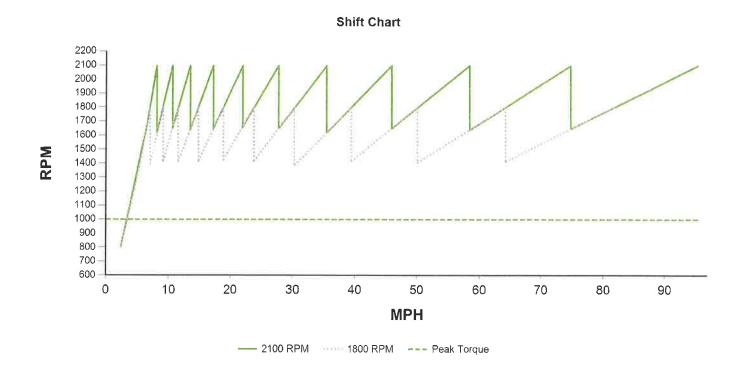




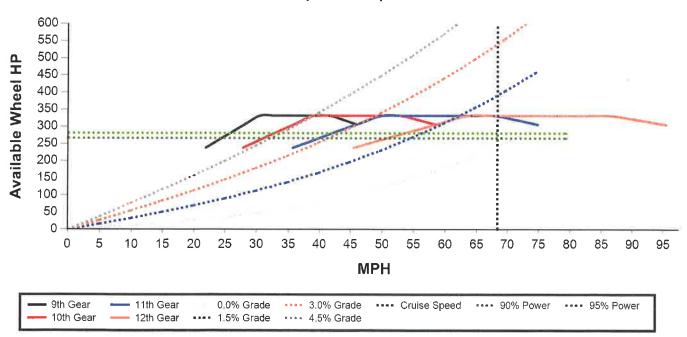


Gradeability at Max Torque





Horsepower VS. Speed



RPM at 65 MPH



RPM at Cruise Speed



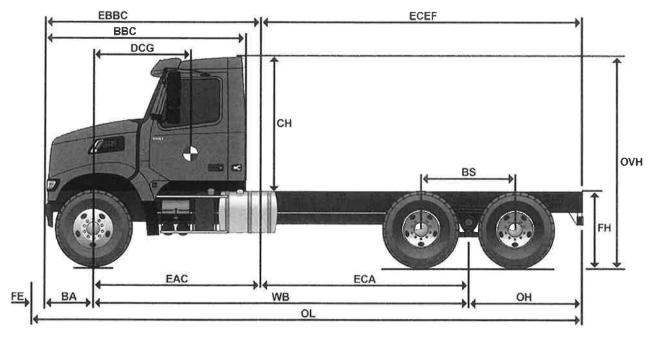




	MPH	RPM
Minimun of Engine Range	45.5	1000.00
Minimum of Economy Range	54.6	1200.00
Cruise Speed	68.4	1503.30
Maximum of Economy Range	68.2	1500.00
Road Speed Limit	68.4	1503.30
Maximum of Engine Range	95.5	2100.00

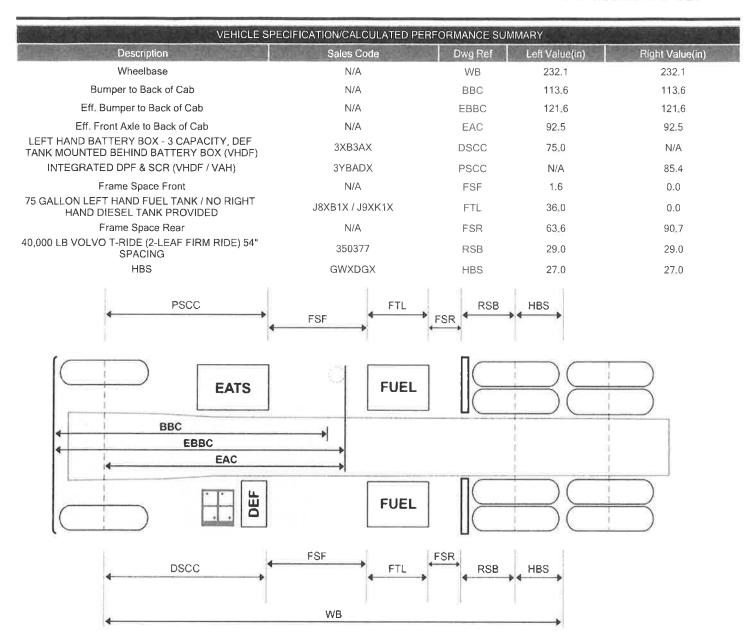


VEHICLE SPECIFICATION/CALCULATED PERFORMANCE SUMMARY							
Description	Sales Code	Dwg Ref	Length	MOU			
Front Frame Extension	N/A	FE	0.0	INCHES			
Bumper to Front Axle	N/A	BA	29.1	INCHES			
Wheelbase	N/A	WB	232.1	INCHES			
Rear Overhang	N/A	ОН	55.5	INCHES			
Overall Length	N/A	OL	316,7	INCHES			
Bumper to Back of Cab	N/A	BBC	113.6	INCHES			
Eff. Bumper to Back of Cab	N/A	EBBC	121.6	INCHES			
Eff. Cab to Rear Axle	N/A	ECA	139,6	INCHES			
Eff. Front Axle to Back of Cab	N/A	EAC	92.5	INCHES			
Eff, Cab to End of Frame	N/A	ECEF	195,1	INCHES			
Unladen 5th Wheel Height	E5BZ1X	5W	0.0	INCHES			
Unladen Frame Height	N/A	FH	42.4	INCHES			
Cab Height	N/A	CH	74.3	INCHES			
Overall Height	N/A	OVH	149.8	INCHES			
Driver CG	N/A	DCG	64.5	INCHES			
Second Front Axle Spacing		SFAS	0.0	INCHES			



AVTG20210004245788D 4/12/2021

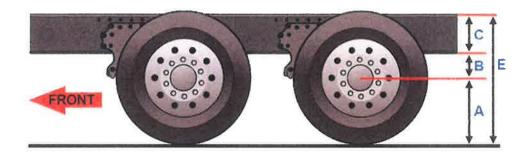




Top View image is intended for illustration purposes only and is not presented to scale. Wheelbase, Axle Spacing and After frame are not shown as specified, but are a representation. Customer Adaptation (CA) options and relocated components are not represented in these images. Most CA options impact the variation of the image, thus an image may not populate. Calculations are approximate to a tolerance of ± 4 inches due to component mounting variation. Certain chassis component options are NOT represented in the Top View image, such as, but not exclusive to, Front Frame Extensions, Fuel Water Separators, Air Dryers, PTOs, Fifth Wheels, Chassis Fairings, Toolboxes, Trailer Connections. For further information on these items and their respective locations on your specification, please refer to the data sheets associated with those items in the configurator.

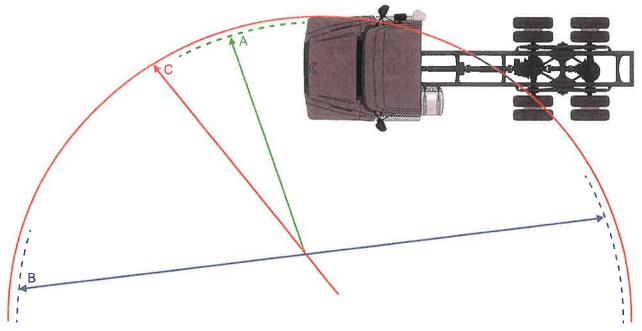


VEHICLE SPECIFICATION/CALCULATED PERFORMANCE SUMMARY							
Rear Market Control of the Control o							
Description	Sales Code	Dwg Ref	Unladen	Laden	MOU		
Requested Fifth Wheel Height	E5BZ1X		0.0	0.0	INCHES		
Tire Radius	094736	Α	20.8	19.3	INCHES		
Suspension Height	350377	В	9.8	9.4	INCHES		
Frame Depth	403006	С	11.8	11.8	INCHES		
Closest Available Fifth Wheel Leg Height	N/A	D	0.0	0.0	INCHES		
Total Height	N/A	E	42.4	40.5	INCHES		





VEHICLE SPECIFICATION/CALCULATED PERFORMANCE SUMMARY						
Description	Sales Code	Dwg Ref	Length	UOM		
SAE Turning Radius	N/A	A*	41.8	FEET		
Adjusted Turning Radius	N/A	Α	46.4	FEET		
Curb-to-Curb Diameter	N/A	В	93.9	FEET		
Wall-to-Wall Diameter	N/A	С	99.6	FEET		



Tests have shown that the true location of the turning center is further to the rear than midway between drive axle sets (where applicable)

The actual location of the turning center depends on:

- Whether the drive tire equipment is single or dual.
- The overall load distribution for the vehicle (front/rear, between drive axles) in a loaded condition
- Manufacturing tolerances within the steering components



Inputs Required	Inputs	UOM
Driver Weight	201	LB
Total Body Length	16.4	FEET
Body Tare Weight	3501	LB
Front of Body to Body CG	96.0	INCHES
Additional Clearance from Back of Exhaust to Front of Body	6.0	INCHES

VEHICLE SPECIFICATION SUMMARY							
Description	Description	Dwg Ref	Length	UOM			
Bumper to Front Axle	N/A	BA	29.1	INCHES			
Wheelbase	N/A	WB	232.1	INCHES			
Rear Overhang	N/A	ОН	55.5	INCHES			
Bumper to Back of Cab	N/A	BBC	113.6	INCHES			
BOC Exhaust Space	230046	N/A	8.0	INCHES			
Driver CG from Front Axle	N/A	DCG	64.5	INCHES			
First Pusher Axle Spacing			0,0	INCHES			



CALCULATED PERFORMANCE SUMMARY							
Tare Weights	Front Axle	Rear Axle (s)	Total	UOM			
Chassis	8744	7593	16337	LB			
Driver	145	56	201	LB			
Fuel	304	209	513	LB			
Body/Trailer	567	2935	3501	LB			
Total Tare	9759	10792	20551	LB			
Payloads	246	West to the		West All			
First Body Payload	5510	28540	34050	LB			
Total - Lift Axles Down	15269	39332	54600	LB			
GAWR	14600	40000	54600	LB			



		VEHICLE SPECIFICATION/CALCULATED PERFORMANCE SUMMARY		
Sub-Category	Sales Code	Sales Code Description	Value	UOM
Front Axle	370403	VOLVO VF14 14,600 LB FRONT SPRINGS		LB
Front Suspension	370403	VOLVO VF14 14,600 LB FRONT SPRINGS		LB
Front Tires	093871	315/80R22.5L BRIDGESTONE M870 (20000 LBS. GAWR) ON/OFF ROAD USAGE		LB
Front Wheels	084562	22.5X9.00 ACCURIDE STEEL POWDER COAT WHITE 286BC 5 HAND HOLES HUB PILOTED		LB
		Front GAWR	14600	LB
Rear Axle	330684	MERITOR MT-40-14X4D HYPOID (HEAVY DUTY HOUSING) 40,000 LB CAPACITY	40000	LB
Rear Suspension	350377	40,000 LB VOLVO T-RIDE (2-LEAF FIRM RIDE) 54" SPACING		LB
Rear Tires	094736	11R22.5G BRIDGESTONE R268 (23360 LBS. GAWR) REGIONAL HAUL (STEER/ALL POSITION)	46720	LB
Rear Wheels	085069	22.5X8.25 ACCURIDE STEEL POWDER COAT WHITE 286BC 5 HAND HOLES HUB PILOTED	59200	LB
		Rear GAWR	40000	LB
		Truck GVWR	54600	LB
		Gross Combination Weight Rating	0	LB
		Tax Value GVWR (USA FET Only)	54600	LB



Volvo Trucks. Driving Progress

