

Peterbilt of Richmond (H830) 2800A Deepwater Terminal Richmond, Virginia 23212

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# Vehicle Summary

	Unit			Chassis
Model:		Model 537	Fr Axle Load (lbs):	10000
Туре:		Full Truck	Rr Axle Load (lbs):	21000
Description 1:		537 Chassis	G.C.W. (lbs):	31000
Description 2:				
	Application		Road Conditions:	
Intended Serv.:		City Delivery	Class A (Highway)	100
Commodity:		Other Commodity	Class B (Hwy/Mtn)	0
			Class C (Off-Hwy)	0
_	Body		Class D (Off-Road)	0
Туре:		Flatbed	Maximum Grade:	6
Length (ft):		24	Wheelbase (in):	175
Height (ft):		13.5	Overhang (in):	60
Max Laden Weight (lbs):		1000	Fr Axle to BOC (in):	67.5
			Cab to Axle (in):	107.5
	Trailer		Cab to EOF (in):	167.5
No. of Trailer Axles:		0	Overall Comb. Length (in	n): 275
Туре:				
Length (ft):		0	S	pecial Req.
Height (ft):		0		
Kingpin Inset (in):		0		
Corner Radius (in):		0		
	Restrictions			
Length (ft):		40		
Width (in):		102		
Height (ft):		13.5		
Approved by:			Date	

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



Sales Code	Std/ Opt	Description	\$ List	Weight
Base Mo	odel			
0005371	S	<b>Model 537</b> The Peterbilt Model 537 is highly versatile to take on the big jobs. It is available as a Class 7 truck or tractor with a GVW up to 33,000 lbs. With a full range of suspensions and an available all-wheel-drive configuration, the 537 is the perfect match for applications such as wrecker, tanker, beverage delivery, and municipal utilities just about any job you can throw at it.	98,059	9,870
0091200	S	Other Commodity	0	0
0093340	S	<b>City Delivery</b> Truck or tractor which hauls freight, typically operating within a 100-mile radius, on public streets and highways and other paved surfaces. Typically includes package and freight delivery.	0	0
0095020	0	Flatbed	0	0
0098170	S	<b>United States Registry</b> Canadian Registry PackageRequires Air Conditioning Excise Tax Canada, Speedometer to be KPH ipo MPH, Daytime Running Lights and Rubber Battery Pad in Bottom of Battery Box.	0	0
Configu	ration			
0200700	S	Not Applicable Secondary Manufacturer	0	0
Frame 8	. Equi	pment		
0515030	S	<b>10-5/8" Steel Rails to 285"</b> 10.625 x 3.45 x .313 Dimension, 1,776,000 RBM; Yield Strength: 120,000 psi. Section Modulus: 14.8 cubic inches. Weight: 1.44 lbs/inch pair	0	74
0611300	0	Heavy Duty 5-Piece Crossmember BOC IPO Standard Class 5, 6, 7	17	20
0611350	S	1-Piece Steel Frame Rail Xmbr Excludes Suspension	0	0
0612035	S	175" Wheelbase	0	0
0644090	S	<b>EOF Square without Crossmember</b> End-of-frame square without crossmember. For use with body builder installed crossmember.	0	0
0651090	S	Omit Rear Mudflaps and Hangers	0	0
Front A	cle & E	Equipment		
1014130	0	Hendrickson SteerTek NXT 10,000 lb 3.32" Drop	6	0
1111190	0	Taper Leaf Springs, Shocks 12,000 lbHendrickson taper leaf springs, shocks for 12,000 lbs.	204	169
1243040	S	Power Steering Sheppard HD94	0	0



Sales Code	Std/ Opt	Description	\$ List	Weight
		Sheppard HD94 power steering gear is a light weight version of heavy duty line-haul power steering gear. For use with 10,000 to 13,200 lb. axle ratings.		
1250180	0	<b>Power Steering Reservoir Frame Mounted</b> The power steering reservoir is a steering system that eases drivability by applying hydraulic pressure to the steering gear.	0	0
1353540	0	<b>PHP10 Aluminum PreSet PLUS Hubs</b> PHP10 aluminum PreSet PLUS hubs have a fully integrated spindle nut design, an optimized wheel spacer, magnetic fill plug on drive and trailer hubs for inspection of metal particles in lubricant, with a long life oil seal and bearings are pre-adjusted. Use with Front Axle.	36	-18
1380260	S	Bendix Air Cam Front Drum Brakes 16.5x5 For use with 10,000 lbs to 14,600 lbs steer axles. Includes automatic slack adjusters & outboard mounted brake drums.	0	0
1380550	0	Hendrickson Wide Track IPO Standard Hendrickson Wide Track in place of standard front axle 71" KPI IPO 69" front axle for improved turning radius.	0	15
1391410	S	Gusseted Cam Brackets, Steer Axle	0	0
		quipment		
1511940	S	Meritor MS21-14X 21,000 LB MS-14X single rear drive axles have hypoid-generoid gearing options that offer long life and increased durability. Rigid differential cases offer precise gear alignment and durability. Optional driver-controlled differential lock (DCDL) maximizes traction and spinout protections in slippery conditions.	0	0
1616290	0	PHP10 Aluminum PreSet PLUS Hubs	52	0
1680490	0	Gusseted Cam Brackets, Drive Axle(s)	26	2
1680500	S	<b>SBM Valve</b> Full trucks require a spring brake modulation (SBM) system for emergency braking application. This system requires an SBM valve and a relay valve with spring brakes on the rear axles. The SBM valve allows the foot valve to operate the rear axle spring brakes if a failure exists in the rear air system.	0	0
1680950	S	Stability System Not Selected Or Not Available	0	0
1682430	S	Anti-Lock Braking System (ABS) 4S4M ABS-6. Includes air braking system.	0	0
1684200	S	Synthetic Axle Lubricant All Axles Peterbilt heavy duty models include Fuel Efficient Cognis EMGARD FE75W-90 which provides customers performance advantages over current synthetic lubricants with reduced gear wear and extended maintenance intervals, resulting in increased uptime. In addition, the lubricant provides improved fluid flow to protect gears in extreme cold conditions and withstand the stress from high temperatures, extending component life.	0	0
1687010	S	Bendix Air Cam Rear Drum Brakes 16.5x7	0	0



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		Bendix Air Cam Rear Drum Brakes to fit all heavy haul, contruction, refuse and highway truck and tractor applications. Includes Automatic Slack Adjusters & Outboard Mounted Brake Drums.		
1706140	0	Ratio 6.14 Rear Axle	0	0
1816140	S	Reyco 79KB Taper Leaf 21,000 lb	0	0
Engine	& Equi	pment		
2073116	S	PACCAR PX-7 200@2400 GOV@2600 520@1600 Efficiency (2021 Emissions) N21350 C121 75Maximum Accelerator Pedal Ve N21370 C128 75Maximum Cruise Speed (P059) N21460 C132 1400Max PTO Speed (P046) N21520 C133 5Timer Setting (P030) N21610 C188 39Low Ambient Temperature Thre N21620 C189 60Intermediate Ambient Tempera N21630 C190 80High Ambient Temperature Thr N21550 C206 35Engine Load Threshold (P516) N21340 C209 120Hard Maximum Speed Limit (P1 N21510 C225 YESEnable Idle Shutdown Park Br N21450 C231 NOGear Down Protection (P026) N21570 C233 NOIdle Shutdown Manual Overrul N21440 C234 NORegine Protection Shutdown ( N21440 C238 NOAuto Engine Brake in Cruise N21470 C239 NOCruise Control Auto Resume ( N21430 C333 0Reserve Speed Limit Offset ( N21410 C334 0Maximum Cycle Distance (N202 N21590 C382 YESEnable Hot Ambient Automatic N21500 C395 0Expiration Distance (N209) N21530 C396 YESEnable Impending Shutdown Wa N21540 C397 60Timer For Impending Shutdown Wa N21540 C401 10Maximum Active Distance (N200 N21330 C402 0Expiration Distance (N207)	0	0
2091130	S	VMUX Electronics Architecture	0	0
2091305	0	Engine Idle Shutdown Timer Enabled	0	0
2091315	0	Enable EIST Ambient Temp Overrule	0	0
2091372		Eff EIST NA Expiration Miles	0	0
2091640		Effective VSL Setting NA	0	0
2092016	0	Typical Operating Speed 62 MPH	0	0
2092033	0	Powertrain Optimized for Balance	0	0



Sales Code	Std/ Opt	Description	\$ List	Weight
		Best analysis for vehicles where service includes frequent start and stop cycles.		
2140220	S	CARB Engine Idling Compliance DECLINED By Dealer/Customer	0	0
2140670	0	EPA Emission Warranty	0	0
2513060	S	PACCAR 160 Amp Alternator, Brushed PACCAR 160 AMP alternator, brushed producing 160 Amps at road speed and 100 Amps at idle.	0	0
2522160	S	PACCAR 12V Starter PX-7 Engine Only	0	0
2538030	S	<b>2 PACCAR Premium 12V Starting Batteries 2000 CCA</b> Threaded stud type terminal. Stranded copper battery cables are double aught (00) or larger to reduce resistance.	0	0
2539430	0	Batteries In RH Box U/C	0	0
2621090	S	<b>DM Advantage ON/OFF Fan Clutch</b> Horton DM Advantage Two-Speed Fan Clutch On/Off for heavy-duty, medium-duty and a variety of off-highway equipment.	0	0
2723210	S	<b>18.7 CFM Air Compressor</b> N/A X15. Furnished on engine. Teflon lined stainless steel braided compressor discharge line.	0	0
2812210	S	VGT Exhaust Brake (Variable Geometry Turbo). Provides approximately 90-100 HP of retardation and is part of the turbocharger.	0	0
2921110	S	PACCAR Fuel/Water Separator Standard Service PACCAR Fuel/Water separator standard service intervals. High efficiency media protects critical engine components.	0	0
2921210	S	No Fluid Heat Option for Fuel Filter	0	0
2921310	S	No Electric Heat Option for Fuel Filter	0	0
3114270	S	High Efficiency Cooling System Cooling module is a combination of steel and aluminum components, with aluminum connections to maximize performance and cooling capability. Silicone radiator & heater hoses enhance value, durability, & reliability. Constant tension band clamps reduce leaks. Chevron Delo Extended Life Coolant (NOAT) extends maintenance intervals reducing maintenance costs. Anti-freeze effective to -30 degrees F helps protect the engine. Low coolant level sensor warns of low coolant condition to prevent engine damage. Radiator Size by Model: 579/367 FEPTO 1325 sq in, 567/365/367: 1440 sq in, 365 FEPTO: 1184 sq in, 389/367 HH: 1669 sq in, 348: 1000 sq in, 520: 1242 sq in.	0	0
3211140	S	(1) Air Cleaner Engine Mounted	0	0
3365290	S	Exhaust Single RH Horizontal DPF/SCR RH Under Frame. & Equipment	0	0



Sales Code	Std/ Opt	Description	\$ List	Weight
4058010	S	PACCAR TX-8AP560 Automatic 8-Speed, No Cooler	0	0
4210930	S	SPL100 Driveline, 1 Midship Bearing	0	0
4252610	S	Column Mounted Shifter RH Side	0	0
4256365	S	TP-650 Torque Converter PACCAR 8 Speed Transmission	0	0
Air & Tr	ailer E	quipment		
4510190	S	<b>Bendix AD-HF Air Dryer, Heater</b> Bendix AD-HF air filters protects the life of your engine system and components. Proven PuraGuard oil coalescing technonlgy in the the air dryer catridge. This oil coalescing filter ensures the removal of oil and oil aerosols before they can contaminate the moisture removing desiccant.	0	0
4540420	S	Nylon Chassis Hose	0	0
4543320	S	<b>Steel Painted Air Tanks</b> All air tanks are steel with painted finish except when Code 4543330 Polish Aluminum Air Tanks is also selected (then exposed air tanks outside the frame rails will be polished aluminum). Peterbilt will determine the optimal size and location of required air tanks. Narratives requesting a specific air tank size or location will not be accepted for factory installation. See ECAT to determine number or location of air tanks installed.	0	0
Tires &	Wheel	S		
5004210	S	FF: CN 14ply 295/75R22.5 Conti HSL3	0	0
5169710	0	<b>RR: BR 14ply 295/75R22.5 M760 Ecopia</b> Efficiency Rating: Poor Diameter = 40.7 inches; SLR = 19.0 inches	352	36
5190004	0	Code-rear Tire Qty 04	0	0
5211020	S	FF: Accur Stl Armor 51455PK 22.5X8.25 PHP10-5 hand holes.	0	0
5311020	S	RR: Accur Stl Armor 51455PK 22.5X8.25 PHP10-5 hand holes.	0	0
5390004	0	Code-rear Rim Qty 04	0	0
Fuel Tai	nks			
5584040	0	<b>D-Shaped Aluminum 50 Gallon Fuel Tank LH U/C</b> Non-slip step LH under cab	79	-10
5602050	0	Location LH U/C 50 Gallon	0	0
5652890	S	<b>DEF Tank Mounted LH BOC</b> Models 220 and 520 mounted left hand back-of-cab.	0	0



Sales Code	Std/ Opt	Description	\$ List	Weig
5652990	0	DEF To Fuel Ratio 2:1 Or Greater	0	
5655019	S	DEF Tank Small, HD 14 Gal 2.1M MD 5.5 Gal	0	
Battery	Box &	Bumper		
6020040	0	MD Battery Box, Non-Slip Step RH Under Cab	122	
6030150	0	Rubber Battery Pad In Bottom of (1) Battery Box Mat in box that holds batteries only	11	
6030630	0	Aluminum Battery Box Cover	123	
6121790	S	Aero Bumper Molded One Piece Gray ***Warning*** Due to a new legal regulations, all New Medium Duty trucks require headlights to be located in the bumper when the chassis height is GREATER than the following chassis height:	0	
		Measurement to bottom of frame at front of frame: for the 107 Aero Hood 32.6, for the 109 Aero Hood 31.4, for the 109 Vocational Hood 26.7. Work with applications if your chassis height is unacceptable.		
Cab & E	quipm			
6510150	S	Aerodynamic 107in BBC Aluminum Cab & SMC Hood With molded gray crown.	0	
6917320	S	Seats Inc. Driver Seat	0	
6923160	S	(2) Person Passenger Seat	0	
6939110	S	Toolbox Under Passenger Seat Non-Suspension Seat	0	
6939400	S	Air Ride Driver	0	
6939430	S	Mid Back Driver	0	
6939470	S	Vinyl Driver	0	
6939510	S	Non-Air Ride Passenger	0	
6939540	S	Low Back Passenger	0	
6939570	S	Vinyl Passenger	0	
7001520	S	Adjustable Steering Column - Tilt/Telescope	0	
7001620	S	Steering Wheel With Peterbilt Logo Steering Wheel with embossed Peterbilt logo over horn button.	0	
7036140	S	Probilt Interior Gray/Black - Flat Roof	0	



Sales Code	Std/ Opt	Description	\$ List	Weight
7210540	S	<b>Day Cab Rear Window</b> Day cab rear window flush to back of cab.	0	0
7210550	S	1-Piece Glass Rear Cab Window Fixed	0	0
7230060	S	1-Piece Curved Windshield	0	0
7230360	S	Power Door Locks and Power Window Lifts Standard	0	0
7322010	S	<b>Combo Fresh Air Heater/Air Conditioner</b> With radiator mounted condenser, dedicated side window defrosters, Bi-Level Heater/Defroster Controls, 54,500 BTU/HR, and silicone heater hoses.	0	0
7510070	S	Aero Rear View Mirror Housing, Molded Black	0	0
7514050	S	Look Down Mirror Over Passenger Door with Black Housing	0	0
7514090	S	Peterbilt Aero Rear View Mirror, Non-Motorized Includes top mirror with non-motorized, adjustable dual axis non-heated glass. Bottom mirror is an integrated convex surface. Includes black textured arms with breakaway feature.	0	0
7610250	S	Air Horn None Furnished	0	0
7725720	S	No Head Unit or Audio Speakers Selected	0	0
7851480	S	Peterbilt Electric Windshield Wipers With Intermittent Feature.	0	0
7852060	S	Solid Rear Day Cab Mounts	0	0
8021380	S	Air Restriction Indicator Mounted on air cleaner, intake piping, or firewall	0	0
8070860	S	Main Instrumentation Panel Digital Cluster 7" Display includes: Physical (Analog) - Speedometer, Tachometer, Oil Pressure, Coolant Temp and Display Gauges - Fuel Level, DEF Level, DPF Filter Status, Fuel Economy, Volts Telltale, OAT and Primary Air Pressure, Secondary Air Pressure for air brake trucks.	0	0
8111110	S	Headlights Composite Fender Mounted Integral park, turn, and side marker	0	0
8120980	S	(5) Marker Lights, Aero LED	0	0
8134160	S	Self-Canceling Turn Signal	0	0
8140080	S	LED Stop/Turn/Tail/Backup Bracket mounted left-hand / right-hand end of frame	0	0
8140850	S	Moveable EOF Crossmember For Mounting Tail Lights Square end of frame with or without end of frame crossmember	0	0
Paint				
8500710	0	Standard Paint Color Selection	-200	0



Sales Code	Std/ Opt	Description	\$ List	Weight
8530770	S	(1) Color Axalta Two Stage - Cab/Hood Base Coat/Clear Coat N85020 A - L0006EY WHITE N85500 CAB ROOF L0006EY WHITE N85300 FENDER L0006EY WHITE N85200 FRAME L0001EA BLACK N85400 HOOD TOP L0006EY WHITE	0	0
Shippin	g Dest	ination		
Options	Not S	ubject To Discount		
9400091	S	Peterbilt Class 7 Standard Coverage 1 year/Unlimited Miles/km	0	0
9400093	S	PACCAR PX-7 Standard Coverage 3 years/Unlimited Miles/Unlimited hrs	0	0
9407103	0	Prepaid Freight Increase For 2022 Delivery	-500	0
9408703	0	Base Warr: Emissions 5YR/100K MI-EPA Engine	0	0
Miscella	neous	<b>i</b>		
9409043	S	Aero Hood (MODEL 537)	0	0
9409096	0	State Registry: Virginia	0	0
Promoti	ons			

Order Comments



Total List Price (W/O Freight & Warranty & Surcharges) Marketing and Service Support Fee Prepaid Freight Total Surcharge/Options Not Subject To Discount

**Total Weight** 

\$98,887 \$670 \$2,800 \$-500

10,166

## Prices and Specifications Subject to Change Without Notice.

Unpublished options may require review/approval. Dimensional and performance data for unpublished options may vary from that displayed in CRM.

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### **Shipping Destinations**

#### Intermediate Destination: NONE

Final Destinations	Quantity