



MHC Kenworth O994
1301 South Hamilton Circle

Johnson County Kansas
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Prepared for: Brian Dowling

Vehicle Summary

	Unit		Chassis	
Model:	T400 Series Conventional.		Fr Axle Load (lbs):	14000
Type:	FULL TRUCK		Rr Axle Load (lbs)	23000
Description:	JOCO 2019 bid 34000 gwvr		G.C.W. (lbs):	37000
	Application		Road Conditions:	
Intended Serv.:	Construction. Vehicles used in the construction		Class A (Highway)	89
Commodity:	Other building materials		Class B (Hwy/Mtn)	10
	Body		Class C (Off-Hwy)	01
Type:	End dump		Class D (Off-Road)	00
Length (ft):	12.0		Maximum Grade:	6
Height (ft):	13.5		Wheelbase (in):	163
Max Laden Weight (lbs):	4000		Overhang (in):	60
	Trailer		Fr Axle to BOC (in):	67
No. of Trailer Axles:	0		Cab to Axle (in):	96
Type:			Cab to EOF (in):	156
Length (ft):	0.0		Overall Comb. Length (in):	295
Height (ft):	0.0			
Kingpin Inset (in):	0		Special Req.	
Corner Radius (in):	0		U.S. Domestic Registry, 50-State	
	Restrictions			
Length (ft):	120			
Width (in):	102			
Height (ft):	13.5			

Approved by: _____

Date: _____

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

	Ask your dealer for a quote today, or visit our website @ www.paccarfinancial.com .
	PACCAR Financial offers innovative finance, lease and insurance programs customized to meet your needs.

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Effective Date:	Jul 1, 2017		Quote/DTPO/CO:	Q24899246
Prepared by:	ID: jwentzel		Version Number:	40.30



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Data	Code	Description	Weight
Model			
0000410	O	T400 Series Conventional.	11,511
0070071	O	T470 4x2 Medium Duty	0
0072000	O	Chassis operation will not include a stationary application. Stationary operation is defined as running the engine under load while stationary at a substantial fraction of engine gross horsepower (60% or greater) for an extended period of time (longer than 5 - 10 minutes).	0
0080050	O	CARB Idle Emissions Reduction Feature for PX-7 and PX-9	0
0090063	O	T470 4x2 Medium Duty	0
0091040	O	Other building materials	0
0093130	O	Construction. Vehicles used in the construction industry, other than those listed above. Use typically involves operating on the jobsite, to pick up or deliver construction materials, or to position the vehicle for its intended use at the construction site. Includes such activities as delivery of precast concrete, concrete pumpers, flatbeds or roll-offs for delivery of construction materials or equipment, etc. Typically includes some operation off of paved roads. Road usage: any combination, which includes some Class C.	0
0095010	O	End dump	0
0098025	O	U.S. Domestic Registry, 50-State	0

Engine & Equipment

0129461	S	PACCAR PX-9 260 2017 260@2200 720@1300 Includes turbo exhaust brake, no code is used. Diagnostic Plug for data link, Oil Cooler, Aluminum Flywheel Housing. N09200 N205 75...Standard Maximum Speed Limit [LSL] N09220 N207 0...Expiration Distance N09260 P14 65...Maximum Accelerator Pedal Vehicle Speed N09300 P19 65...Maximum Cruise Speed N09360 N203 252..Reserve Speed Function Reset Distance N09380 N202 0...Maximum Cycle Distance N09400 N206 10...Maximum Active Distance N09420 N201 0...Reserve Speed Limit Offset N09440 P11 NO...Engine Protection Shutdown N09460 P06 NO...Gear Down Protection N09480 P26 1400.Max PTO Speed N09500 P02 YES..Cruise Control Auto Resume	0
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		N09520 P04 YES..Auto Engine Brake in Cruise	
		N09540 N209 0....Expiration Distance	
		N09560 P520 YES..Enable Idle Shutdown Park Brake Set	
		N09580 P32 5....Timer Setting	
		N09600 P233 YES..Enable Impending Shutdown Warning	
		N09620 P234 60...Timer For Impending Shutdown Warning	
		N09640 P516 35...Engine Load Threshold	
		N09680 P33 NO...Idle Shutdown Manual Override	
		N09720 P230 YES..Enable Hot Ambient Automatic Override	
		N09740 P46 40...Low Ambient Temperature Threshold	
		N09760 P56 60...Intermediate Ambient Temperature Threshold	
		N09780 P47 80...High Ambient Temperature Threshold	
1000157	O	Prospector Version 42.1 Replaces 42.0	0
1000684	O	Effective VSL Setting NA	0
1000858	O	Engine Idle Shutdown Timer Disabled	0
1000859	O	Enable EIST Ambient Temp Override	0
1000860	O	Enable EIST in PTO Mode Use only with MX and Cummins engines	0
1000891	O	Eff EIST NA Expiration Miles Use only with MX and Cummins engines	0
1002060	S	Air compressor: Cummins 18.7 CFM For Cummins And PACCAR PX engines.	0
1051092	S	Engine mount Powercore air cleaner. w/constant torque SS clamps, pop-up air restriction indicator. Pop-up indicator is standard.	0
1105230	O	Fan Hub: Horton 2-Speed for ISL9, ISL-G, PX-8 or PX-9	0
1121200	O	Cooling module: 1000 square inches T170/T270/T370/T470. Includes metal surge tank on T170/T270/T370.	0
1247166	S	Exhaust: 2017 EPA RH Under DPF/SCR w/ RH side of cab vertical tailpipe w/ daycabs, extended daycabs, or modular sleepers.	0
1290136	S	Tailpipe: 5 in. single 36 in. 45 degree curved.	0
1321145	O	Fuel Filter:Fleetguard FS1003 Fuel/Water Separator for PX-9	0
1321200	O	Run Aid:None *For Fuel Filter	0
1321300	O	Start Aid:None *For Fuel Filter	0
1500029	O	Kenworth Fuel Cooler Required for Cummins engines with a single fuel tank. Required for PACCAR MX-13 engine with a single fuel tank and stationary use: High RPM, low vehicle speed, sustained for longer than 1 hour. Optional for all other applications.	6

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1504006	O	Block heater, PACCAR 1750 watt 120V for PX-6 and PX-7, 1000 watt for PX-8 and PX-9 or ISL9 engines .	2
1816260	O	Alternator: PACCAR 160 amp, brush type	0
1821225	O	Batteries: 2 PACCAR GP31 threaded post (1000) 2000 CCA starting.	4
1836100	S	Starter: PACCAR 12 volt electrical system. W/ centralized power distribution incorporating plug-in style relays. Circuit protection for serviceability, 12-volt light system w/circuit protection circuits number & color coded.	0
1900082	O	Multi-function engine connector for body builder interface for Cummins.	0
1900996	O	Jump start terminals under hood.	12

Transmission & Clutch

2011205	O	Transmission: Allison 3000RDS 6-speed w/PTO drive gear. 5th Gen controls. Includes heat exchanger & oil level sensor. Rugged Duty Series for vocational applications. Transynd transmission fluid is standard on all Allison 1000, 2000, 3000 & 4000 series transmissions. Requires a push button shift control code. Oil temperature gauge is standard on class 8 models.	291
2401405	O	Driveline: 2 Dana standard-duty; 1 centerbearing. *Standard duty is 1710 series.	0
2410018	O	Torque converter included w/Allison Transmission.	0
2410151	O	Pushbutton control center console mounted. Class 8 with Allison Transmission.	0
2410204	O	Delete Allison Fuel Sense	0
2410244	O	J1939 Park Brake Auto Neutral	0
2429038	O	PTO adapter for front engine PTO.	8
2429100	O	Chassis will be fitted w/ LH transmission PTO. (Prevents ECU F/Interfering w/ PTO Only).	0
2429101	O	Chassis will be fitted w/RH transmission PTO. (Prevents ECU F/Interfering W/PTO Only)	0

Front Axle & Equipment

2513014	O	Meritor MFS14 14.6K 3.5in. drop standard track.	39
2621310	O	Front Brakes: 14.6K Bendix ES s-cam 16.5x5 in.	-62
2659047	O	Front dustshield: for drum brakes: all front axles.	6
2690002	O	Front Brake Drums: 14.6K 16.5x5 in. cast.	78
2707050	S	Front Hub: 14,600 lbs. aluminum hub pilot 10-bolt, 11-1/4 in. bolt circle .	0
2741970	S	ConMet PreSet Plus Hub package; front axle.	0

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2750001	S	Hubcap: front vented.	0
2765001	O	Front Auto Slack Adjuster.	0
2864019	O	Front Springs: Taperleaf 14.6K w/shock absorbers 2-leaf. With maintenance-free elastomer spring pin bushings. Standard with rubber pins. Not available on W900L or W900S.	25
2893881	O	Single power steering gear: 16K TRW TAS85 W9B available, but not available W9S, W9L or T3.	18
2899336	O	Power Steering Cooler:Radiator Mounted Air-to-Oil	11

Rear Axle & Equipment

3042160	O	Single Meritor R23-160 rear axle rated at 23K.	3
3200391	O	Rear Axle Ratio - 3.91.	0
3330004	S	Single Rear Brakes 16-1/2x7 in. Bendix ES- extended service S-cam.	0
3392007	S	Single Rear Brake Drums: cast.	0
3401010	S	Single Rear Hubs: Aluminum hub pilot 23K; 11-1/4 in. bolt circle.	0
3441971	S	ConMet PreSet Plus Hub package; single rear axle.	0
3465001	S	Single Rear axle automatic slack adjusters.	0
3485009	S	Spring Brake: 3030 high output single.	0
3490047	O	Dustshields for drum brakes: all rear axles.	11
3495226	S	Bendix 4S/4M anti-lock brake system.	0
3636480	O	Rear suspension: single Reyco 79KB taperleaf 23K. Steel crossmembers & gussets, Kenworth longlife spring w/helper. Unladen Height: 11.0 in. Laden Height: 9.3 in. Not available with shocks or swaybars.	68

Tires & Wheels

4038860	O	Front tires: Goodyear Endurance RSA 12R22.5 16PR	56
4217125	O	Rear tires: Michelin XDN2 12R22.5 16PR. 42.9in. Diameter. drive tire. 20 in. SLR. Code is priced per pair of tires.	136
4900004	O	Rear Tire Quantity: 4	0
5042285	O	Front Wheel: Accuride 50344 22.5x8.25 steel Steel Armor[TM] powder coat, hub-pilot mount.heavy-duty 5 hand-hole hub pilot mount.	20
5242285	O	Rear Wheel: Accuride 50344 22.5x8.25 steel Steel Armor[TM] powder coat, hub-pilot mount. Heavy-duty 5 hand-hole hub pilot mount. Code is priced per pair of wheels.	40
5853906	O	Powder coat white steel wheel. Use in conjunction with front, dual front, rear, spare or lift axle wheel code(s). All wheels on chassis must have same finish color.	0
5900004	O	Rear Wheel/Rim Quantity: 4	0

Frame & Equipment

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Data	Code	Description	Weight
6056400	O	Frame Rails: 10-3/4 x 3-1/2 x 3/8in. Steel 285in. to 336 in. Truck frame weight is 3.48 lb.-in. per pair of rails. Section modulus is 17.80, RBM is 2,132,000 in-lbs per rail. Frame rail availability may be restricted based upon application, axle/suspension capacity, fifth wheel setting, or component/dimensional specifications. The results of the engineering review may result in a change to the requested frame rail. If a change is required Kenworth Application Engineering will advise the dealer of the appropriate material specification for a substitute rail.	250
6302460	S	Bumper: Tapered painted steel channel. Requires a bumper setting code.	0
6319073	O	73 in. Bumper setting. Requires a bumper code.	0
6321005	O	Removable Front Tow Hooks: 2.	15
6390033	O	T470 W/ extended front frame rail. Must code for rail separately.	0
6390103	S	Front mudflaps.	0
6390304	S	Brackets, Front Drive: Aluminum up to 15,999 lbs.	0
6390312	O	Brackets: Iron front spring drive. Included with front spring capacity of 16,000 lbs or greater; code not required.	47
6391201	O	Custom Frame Layout: one chassis	0
6405048	S	Battery box module: Short length aluminum parallel under cab, aluminum diamond plate cover w/ step. Up to 2 air tanks may mount to bottom of box. Batteries will be oriented perpendicular on rail.	0
6409901	O	Battery box location: LH Side.	0
6451090	S	T470,C5, T6, T8 non-polished DPF/SCR or CNG cover diamond plate w/ step. For use w/ 2010 or later exhaust systems. For T8, use extended length non-polished battery box on opposite rail to match the length of under cab components. End plates will be painted standard black frame color.	0
6721102	S	Rear mudflap arms: Betts B-25 standard-duty, straight. Includes B1732 mounting brackets as standard.	0
6722000	S	Rear mudflap shields: White plastic antisail w/ Kenworth logo.	0
6742009	S	Square end-of-frame w/o crossmember; non-towing.	0

Fuel Tanks & Equip

7014075	O	Fuel Tank: 75 US gallon 22in. aluminum BOC replace. Class 8 fuel tank includes an anti-siphon device on the filler neck.	7
7722011	O	Small round DEF tank. 11 gallons of usable volume. The DEF tank will be located on the side you specified. If you have specific configuration or body builder concerns, please utilize the Custom Frame Layout option. Standard capacity is calculated by fuel capacity of the vehicle and will accommodate two diesel fill-ups for every DEF fill-up. For 1:1 DEF fuel fill ratio, add 7889204.	0

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7889203	O	Standard DEF to fuel fill ratio: 2:1 or greater.	0
7889604	O	DEF tank location is on the LH.	0
7930075	O	Location: 75 gal fuel tank RH behind cab	0
Cab & Equipment			
8024310	S	Cab: Curved Glass Conventional. Cab Includes aluminum & fiberglass fully hucked cab w/ all aluminum bulkhead doors & continuous stainless steel piano-style door hinges. Single electric horn standard. Incandescent exterior lights include diagnosable bulb detection and warning. Trailer cable on tractors includes integrity detection. Standard features include multiplex wiring for interior lights, automated pre-trip inspection, short and open check diagnostics. Warning alarm will sound when lights are left on.	0
8090410	O	Hood: T470 Sloped Hood for straight rail. Includes radiator mounted grille, split fenders, mudflaps, & separate bumper.	0
8108010	S	Cab heater: W/integral defrosters & A/C 45,000 btu cab heater. No sleeper heater/AC. Includes 5 mode rotary control. T660 include filter media.	0
8201013	S	Steering wheel: 18 in. 4-spoke.	0
8220106	O	Gauge: Dash mounted air filter restriction gauge.	0
8282004	S	KW Driver Information Center: Includes fuel economy, RPM display, trip information, truck information, diagnostics, gear display, alarm clock.	0
8282009	S	Instrument package: Includes speedometer, tachometer, fuel gauge, engine coolant temperature gauge, engine oil pressure, voltmeter. Class 8 also includes primary & secondary air reservoir gauges & an air application gauge. DEF level gauge and warning lamp are included with 2010+ engines. Engine hour meter and outside air temperature readouts are standard. Primary read out will be MPH. Add 8240620 to switch primary scale to KPH in Canada.	0
8282107	S	Large flat panel on dash For customer-installed controls. Reduces gauge count by 6.	0
8331140	S	Cab Interior: Summit. T440/T470 Only. Includes smooth upholstered side & back panels w/stitched accent lines, upholstered door pads, full vinyl headliner, black dash panels & black rubber floor mats.	0
8343304	S	Interior color: Slate Gray w/trim Dark Slate Gray	0
8410191	O	Driver seat: Kenworth Air cushion Plus HB vinyl. Standard features includes 7 in. fore and aft slide adjustment w/isolator, 6-23 degree recline, air suspension with cover, dual armrests, and single chamber air lumbar support. Seat cushion is 20 inches wide w/ 2-position tilt and 2-position front cushion extension. Seat material has a horizontal stitch pattern and is 2-tone in color. Seat back is carpeted and includes a map pocket. Seat is manufactured by National. Includes inside visor and retractable 3-point matching seat belts. Grey seat belts.	0

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8480180	O	Rider seat: Kenworth Toolbox Plus IB vinyl. W/dual armrests.	-4
8490110	S	Seat color: Dark Slate Gray.	0
8601420	O	Kenworth Radio with AM/FM/WB	4
8700108	O	Under dash center console: Includes one cupholder & two 12V outlets. For use w/Autoshift, Ultrashift, & Allison Gen IV only.	0
8700168	S	Non-self cancelling turn signal: W/column-mounted headlight dimmer switch & intermittent wiper control.	0
8700186	S	Electric LH & RH door locks.	0
8800200	S	Cab access contoured grabhandles, LH/RH.	0
8800400	S	Grabhandle: LH inside door frame above dash.	0
8800401	S	Grabhandle: RH inside door frame above dash.	0
8832115	O	Daylite Door: LH/RH includes RH peeper window	0
8841411	S	Single air horn under cab.	0
8850300	S	Look-Down, Pass. Door, Stainless 8.5x4.4	0
8866100	O	Mirror: Dual Prutsman fixed heated mirrors 7 in. x 16 in. includes 7-1/2 in. convex mirror, RH.	0
8869005	S	Mirror brackets 8-1/2 ft load width.	0
8871438	S	Rear Cab Stationary Window 17 in. x 36 in.	0
8879200	S	Manual LH & electric-powered RH door window. Switch located on door.	0
8890100	S	One-piece windshield, w/ curved glass.	0

Lights & Instruments

9010801	S	Headlamps: Halogen Projector Low Beam, Halogen Complex Reflector High Beam	0
9022135	O	Marker Lights: Five rectangular.	0
9030010	S	Turn Signal Lights: Mounted on fender	0
9070138	S	Combination Stop, Tail, Turn & Backup Lights RH & LH.	0
9090027	O	Headlamps to turn on when wipers are active.	0
9090039	S	Marker Lights: Interrupter Switch. Included in Turn Signal For All Models Except T3. The T3 Switch Is In The Dash.	0
9090126	O	Electric Backup Alarm: Meets SAE J994 & OSHA requirements.	4
9090845	O	Circuit Breakers: Replacing fuses. Does not apply to any 5-amp fuse box position. Brakers include stop/brake/turn, tail lamp, high & low beams, marker/clearance lamps, horn, fuel heat, gauges, air dryer, HVAC controls, panel lamps. Some circuits will remain fuses.	0

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Air Equipment			
9101215	S	Air Dryer Bendix AD-IS heated Puraguard	0
9102009	O	Moisture ejection valve: Midland automatic use w/ AD-IS only.	2
9140020	S	Nylon air tubing in frame & cab, excluding hoses subject to excessive heat or flexing.	0
9140286	O	Air tanks: clear of left side of transmission area. This code requires the use of a custom frame layout code.	0
Extended Warranty			
9200008	O	Base Warranty - PACCAR PX-9 Engine 24 months / 250,000 miles / 402,336 km / 6250 hours.	0
9200021	O	Base Warranty - Standard Service Heavy Duty 12 months / 100,000 miles / 160,000 km.	0
Miscellaneous			
9400072	O	Ship to Dealer.	0
9409852	O	GHG Secondary Manufacturer: Does Not Apply	0
Paint			
9700000	O	Paint color number(s). N97020 A - L0006 WHITE N97200 FRAME N0001 BLACK N97700 BUMPER N0001 BLACK	0
9943014	O	Steel Bumper Painted Frame Color	0
9943050	O	Day Cab Standard Paint	0
9944820	O	1 - Color Paint - Day Cab Color will be White if no other color is specified.	0
9965510	S	Base coat/clear coat. The Kenworth Color Selector contains additional instructions, as well as information on Kenworth paint guidelines and surface finish applications. Kenworth is standard with Dupont Imron Elite paint.	0
Total Weight			12608 lb

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