# PALFINGER

## PAL Pro 72 SERIES MECHANICS PACKAGE



## CHASSIS: 2020 Kenworth T270 Regular Cab, 4x2 Automatic 2NKHHM6XXLM413024

#### Palfinger model PCB72-11CS Crane body:

-11' long heavy duty galvanealed steel body

-Master locking system

- -Gas shock door retainers on all vertically hinged doors
- -(8) Recessed cargo tie down rings
- -(2) Grab handles on rear of body
- -14" double panel slam type tailgate
- -30" workbench bumper with through compartment and flexible step -Electronic back-up alarm
- -5/16" Top plate bumper with integrated 2" receiver tube hitch and 7 way trailer plug
- -52" sidepacks with curbside 1st and 2nd compartments raised to 60" to allow for oxygen and acetylene bottles
- -Sealed automotive style wiring harness with easy access power distribution panel
- -FMVSS 108 LED light and reflector kit
- -LED Strip lighting in all compartments

-(2) Work lights on rear of body with wiring harness for up to an additional (4) work lights

- -Entire body E-coat primered in 12 step process
- -Compartment interiors painted with multicolor spray finish
- -Understructure and bottom of compartments undercoated Shelving arrangement as follows:

-Streetside front vertical compartment- DU36281812 Aluminum Drawer Unit with  $2 - 8^{"}$ ,  $1 - 6^{"}$ ,  $3 - 4^{"}$  drawers

-Streetside second vertical compartment- (2) Adjustable divider trays (Includes (4) adjustable dividers per tray)

-Streetside horizontal compartment- (1) Adjustable divider tray (Includes (4) adjustable dividers)

-Streetside rear vertical compartment- (2) Adjustable divider trays (Includes (4) adjustable dividers per tray)

-Curbside front vertical compartment- Vented compartment with oxygen and acetylene tank holders and 60" high interior partition kit with (3) Adjustable shelves

-Curbside second vertical compartment- (2) Adjustable divider trays (Includes (4) adjustable dividers per tray)

-Curbside horizontal compartment- (1) Adjustable divider tray (Includes (4) adjustable dividers)

- -Curbside rear vertical compartment- (1) Hose reel mounting shelf -Reinforce spring pack on rear axle to level truck (Unless air ride equipped)
- -Line-X protective coating on entire front of body, compartment backs, tops, cargo floor, inside tailgate and workbench bumper -ICC safety kit located in cab

#### -Installed and painted to match cab

#### Palfinger model PSC6229 telescopic crane:

- -62,000 ft./lb. rating
- -400 degree rotation
- -29' hydraulic reach
- -10,800 lb. maximum lift capacity (Double Line)
- -Load holding valves on all cylinders
- -Overload protection system
- -Anti two block system located on winch in lieu of boom tip
- -Radio remote control
- -Crane hook and snatch block
- -Hexagonal boom
- -Boom support
- -Power out (crane side only) / Power down outriggers
- -Stabilizers on each front corner
- -30 gallon bulkhead mounted oil reservoir

#### Palfinger PRC60V Rotary screw air compressor:

- -60 CFM @ 150 PSI
- -100% duty cycle
- -Cold Start Protection
- -Automatic air pressure blowdown
- -Integrated hydraulic oil and air coolers
- -High temperature shutdown
- -Limited Lifetime warranty
- -1/2" x 50' Air hose reel located in curbside rear vertical com-
- partment and routed through rear wall with guide
- -1/2" moisture separator/regulator/oiler
- -22 Gallon air tank mounted between frame rails at rear

## Body S/N: 100450687 Crane S/N: 100448382 Compressor S/N: H600007CHK003

## Price \$147,743

NOTE: Picture for reference only, actual specs may vary

## Vehicle Summary

	Unit	Chassis	
Model:	T270 Series Conventional	Fr Axle Load (lbs):	10000
Type:	FULL TRUCK	Rr Axle Load (lbs)	16000
Description:	New Pres124113	G.C.W. (lbs):	26000
Description.	Application	Road Conditions:	
Intended Serv.:	Local pickup & delivery. Vehicles which haul	Class A (Highway)	28
Commodity:	General freight	Class B (Hwy/Mtn) Class C (Off-Hwy)	70 02
	Body	Class D (Off-Road)	00
Туре:	Service body	Maximum Grade:	6
Length (ft):	11.0	Wheelbase (in):	157
Height (ft):	12.0	Overhang (in):	70
Max Laden Weight (	1000	Fr Axle to BOC (in):	68
Max Laden Weight	(190).	Cab to Axle (in):	89
	Trailer	Cab to EOF (in):	159
No. of Trailer Axles:	0	Overall Comb. Length (in):	267
Туре:	0.0	Special Reg.	
Length (ft):	0.0	U.S. Domestic Registry, 50-State	
Height (ft):	0.0	0.5. Domestic Registry, 50-State	
Kingpin Inset (in):	0		
Corner Radius (in):	0		
	Restrictions		
Length (ft):	120		
Width (in):	102		
Height (ft):	13.5		

	Description	\$ List	Weight
Model	<b>T270 Series Conventional</b> Electric Door locks LH/RH; Ignition & doors keyed alike; Single electric horn; Single-piece windshield; Electric windshield wipers, 2-speed plus intermittent; Electric windshield washers; Steering wheel 18in. 4-spoke; Glovebox door with locking latch; Dash-mounted cruise control with switches;Turn signal switch with column-mounted dimmer; Standard dash panels include gray w/ burl wood accents; Slate Gray interior primary color; Dark Slate Gray seat color; Floormat; Inside sunvisor, LH/RH; Door courtesy lights; Under-dash center console with 1 cup holder, 1 ashtray & 1 lighter.	86,705	9,514
	T270 Class 6: medium-duty Conventional.	0	(
	CARB Idle Emissions Reduction Feature for PX-7 and PX-9	100	
	Class 6 4x2 automatic.	0	
	General freight	0	8
	Local pickup & delivery. Vehicles which haul freight, typically operating within a 100-mile radius, on public streets & highways, & other paved surfaces, including limited Class C roads. Includes package & freight delivery, as well as fuel oil or petroleum distribution, etc. Road usage: minimum 3% Class B, do not code for Class D.	0	
	Service body	0	-
	U.S. Domestic Registry, 50-State	0	
Engine & Equipme	nt PACCAR PX-7 325 2017 325@2400 315@2600 750@1800 Includes turbo exhaust brake, no code is used. Diagnostic Plug for data link, Oil Cooler, Aluminum Flywheel Housing. N09200 N205 120Standard Maximum Speed Limit [LSL] N09220 N207 0Expiration Distance N09240 P09 120Hard Maximum Speed Limit N09260 P14 75Maximum Accelerator Pedal Vehicle Speed N09280 P16 0Accelerator Lower Droop N09300 P19 70Maximum Cruise Speed N09320 C143 0Cruise Control Lower Droop N09360 N203 252Reserve Speed Function Reset Distance N09380 N202 0Maximum Cycle Distance	3,620	

N09380 N202 0....Maximum Cycle Distance N09400 N206 10...Maximum Active Distance



Description	\$ List	Weight
N09420N2010Reserve Speed Limit OffsetN09440P11NOEngine Protection ShutdownN09460P06NOGear Down ProtectionN09480P261400.Max PTO SpeedN09500P02YESCruise Control Auto ResumeN09500P04YESAuto Engine Brake in CruiseN09540N2090Expiration DistanceN09560P520YESEnable Idle Shutdown Park Brake SetN09580P325Timer SettingN09600P233YESEnable Impending Shutdown WarningN09640P51635Engine Load ThresholdN09680P33NOIdle Shutdown Manual Overrule		noight
N09720P230YESEnable Hot Ambient Automatic OverruleN09740P4640Low Ambient Temperature ThresholdN09760P5660Intermediate Ambient Temperature ThresholdN09780P4780High Ambient Temperature Threshold		
Prospector version 41.2 Replaces Prospector version 41.1	0	0
Effective VSL Setting NA	0	0
Engine Idle Shutdown Timer Disabled	0	0
Enable EIST Ambient Temp Overrule	0	0
Eff EIST NA Expiration Miles Use only with MX and Cummins engines	0	0
Air compressor: Cummins 18.7 CFM For Cummins And PACCAR PX engines.	0	0
Air Cleaner: Dry-type firewall mounted w/filter restriction indicator.	0	0
Pre-filter hood mounted for air cleaner & HVAC.	212	13
Fan Hub: Horton On/Off for PX-7	0	0
Cooling module: 1000 square inches T170/T270/T370/T470. Includes metal surge tank on T170/T270/T370.	0	0
Bug screen: Front of grille on C500 ,T800, T880, and W900. Behind grille on T660, T680, and T300 (Medium Duty).	209	2
Exhaust:2017 EPA RH Under Cab DPF/SCR For PX-7 w/ Single Vertical RH Side of Cab Tailpipe.	2,608	220
Tailpipe: 5 in. single 24 in. 45 degree curved.	-34	-2
Fuel Filter: PACCAR Standard Service Interval Fuel/Water Separator. 2017 Emissions	0	0
Run Aid:None *For Fuel Filter	0	0
Start Aid:None *For Fuel Filter	0	0
Block heater, PACCAR 1750 watt 120V for PX-6 and PX-7, 1000 watt for PX-8 and PX-9 or ISL9 engines.	110	2



Description	\$ List	Weight
Alternator: 160 amp brush type T3	0	C
Batteries: 2 Optima 31A Threaded post (900) 1800 CCA.	604	6
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	0
Multi-function engine connector for body builder interface for Cummins.	38	0
Jump start terminals under hood.	181	0
Transmission & Clutch		
<b>Transmission: Allison 3500RDS 6-speed</b> w/PTO drive gear. 5th Gen Controls. Limited to 860 lbft. 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.	11,608	291
Driveline: 2 SPL170XL 1 centerbearing requires 3500057 interaxle driveline.	691	70
<b>One bolted centerbearing crossmember.</b> This option upgrades an existing crossmember. The cost does not include the centerbearing and bracket. Crossmember location will be in accordance with Kenworth engineering standards, using the major components specified on the DTPO.	77	11
Torque converter included w/Allison Transmission.	0	0
Delete Allison FuelSense	0	0
J1939 Park Brake Auto Neutral	0	0
<b>Rear transmission support springs for</b> transmission PTO applications are required to ensure that engine flywheel housings are not overloaded when transmission PTO's are installed.	72	0
Front Axle & Equipment		
Dana Spicer E-1002IL Front Axle rated 10K 3-1/2in. drop. Use w/ air brakes only.	0	-52
Front brakes included w/ front hub package.	0	0
Front dustshield: for drum brakes: all front axles.	70	6
<b>Air Brake: 14,600 lb. package includes</b> Bendix 16-1/2 x5 brakes, cast drums, aluminum 10-bolt hub pilot LMS hubs, hubcaps, oil seals & automatic slack adjusters. For use w/ 22-1/2in. wheels.	-28	48
Front Springs: Taperleaf 10K w/ shock absorbers for use on 2010+ chassis w/ 22.5in. wheels only.	0	0

	Description	\$ List	Weight
	Single power steering gear: 13.2K for air brakes.	0	0
Rear Axle & Equip	oment		
	Single Dana Spicer S21-170 single reduction rear axle for T300 w/ air brakes. Single rear axle 21K capacity rated at 16K.	940	181
	Rear Axle Ratio - 6.14.	0	0
	Single rear brakes included w/rear hub package.	0	0
	<b>26K air brake package includes 16-1/2x7 in.</b> brakes, cast drums, iron 10-bolt hub pilot hubs, slack adjusters and oil seals for use w/ 22.5 in. wheels.	62	0
	Spring Brake: 3030 high output single.	11	2
	Dustshields for drum brakes: all rear axles.	97	11
	Bendix 4S/4M anti-lock brake system.	0	0
	Wheel Differential Lock for Dana Spicer Axles S21-170, S21-190, S23-170, S23-190, S26-190 & S30-190; adds D to the end of the axle part number.	908	28
	<b>Rear suspension: single Hendrickson HAS230L 23K.</b> Welded steel crossmember & gussets w/shocks at 8.3 in. laden height, 8.5 in. unladen height. Medium-duty. Includes air suspension dump valve. Not rear air disc brake compatible.	1,149	-59
	<b>Dual leveling valves for single air suspension.</b> Dual leveling valves on single rear suspensions on only available on Neway ADZ for class 8 or Hendrickson HAS for medium duty. Dual leveling valves will not be approved on any other suspensions on T3.	146	0
	Bolted rear suspension crossmembers for HAS 210/210L or 230/230L. Replaces T3 standard.	182	4
Tires & Wheels			
	Front tires: Bridgestone R268 Ecopia 11R22.5 16PR. 41.5 in. diameter, all position. F-side wall protector bar. 19.5 in. SLR.	195	10
	Rear tires: Bridgestone M726ELA 11R22.5 14PR	310	60
	Rear Tire Quantity: 4	0	0
	Front Wheel: Alcoa 88367 22.5x8.25 aluminum with Lvl One [TM] finish, hub-pilot mount. 7,400 lb. maximum rating. Air disc brake compatible.	383	-44
	Rear Wheel: Alcoa 88367/Acc 50344 heavy-duty 22.5x8.25, aluminum outside with LvI One[TM] finish/steel Steel Armor [TM] powder coat inside, hub-pilot mount. 7400 lb. maximum rating. Includes wheel guards. Air disc brake compatible. Code is priced per pair of wheels.	484	-18
	<b>Powder coat white steel wheel. Use in conjunction</b> with front, dual front, rear, spare or lift axle wheel code(s). All wheels on chassis must have same finish color.	0	0
rama 8 Environment	Rear Wheel/Rim Quantity: 4	0	0

### Frame & Equipment



	Description	\$ List	Weight
	<b>Frame Rails: 10-3/4 x 3-1/2 x 3/8in. Steel to</b> 284 in. Truck frame weight is 3.48 lbin. 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.	154	229
	Bumper: Aerodynamic Chrome Requires a bumper setting code.	469	0
	40.9 in. Bumper setting. Requires a bumper code.	0	0
	Removable Front Tow Hooks: 2.	250	15
	Front mudflaps.	0	0
	In-cab steel battery box: under rider seat or in stand alone box. Requires appropriate AGM battery code, which varies by model, and appropriate rider seat code be selected prior to entering the workscreen. Includes 1 battery disconnect switch.	1,802	-41
	In-Cab battery box location: Under rider seat.	0	0
	T270/370 Non-polished 2010 or later DPF/SCR cover with cab access step assembly, RH under. End plates will be painted standard black frame color.	0	0
	Five-piece bolted crossmember assembly with 12mm frame fasteners, center and rear frame.	169	-22
	Bolted Rear Cab Support Crossmember. Replaces T3 standard.	131	17
	Square end-of-frame w/o crossmember; non-towing.	0	0
Fuel Tanks & Equip	Fuel Tank: 56 US gallon 24.5in. aluminum under replace.	254	-45
	Small round DEF tank. 11 gallons of useable 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.	263	0
	Polish only one aluminum tank.	243	0
	Polished stainless steel tank straps for 1 tank.	61	
	Polished straps for 1 DEF Tank any size.	50	0
	Standard DEF to fuel fill ratio: 2:1 or greater.		0
	DEF tank location is on the LH.	0	0
	Location: 56 gal fuel tank LH under cab	0	0
	Jan Harring En under Gab	0	0

#### Cab & Equipment

		<b>KENWORTH</b>

Description	\$ List	Weight
<b>Cab:</b> 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	0
Cab door bearing blocks, top & bottom.	30	0
Hood: Sloped aerodynamic hood includes grill & separate bumper.	0	0
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	0
Adjustable telescoping tilt steering column.	556	10
5 sets of keys. Replaces standard 2 sets of keys.	28	0
Two spare switches: Wired to power.	76	0
Gauge: 2 air suspension pressure gauges. For use w/air suspension w/dual leveling valves.	267	0
<b>KW Driver Information Center: Includes fuel</b> economy, RPM display, trip information, truck information, diagnostics, gear display, alarm clock.	231	0
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	0
Full burl wood dash panels	170	0
Cab interior: Pinnacle. Includes vinyl headliner & cab back panel, slate gray interior, dark slate gray seats, floormats, LH/RH inside sunvisor & door courtesy lights.	0	0
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.	132	2
<b>Rider seat: Kenworth Plus battery box IB vinyl.</b> Standard features include fixed base and backrest, fixed seat base and backrest, and dual armrests. Seat cushion is 19.5 inches. Seat material has a horizontal stitch pattern and is 2-tone in color. Seat back is carpeted. Seat is manufactured by National. Includes inside visor and retractable 3-point matching seat belts. Grey seat belts.	-36	-37

	Description	\$ List	Weight
	Driver/Rider Seat Belts: Red, Replace Standard. Extended Length. Not NFPA Compliant.	43	0
	Kenworth Radio with AM/FM/WB/CD/USB and Bluetooth	451	4
	Telescoping Antenna: Mounted Behind LH Door. Replaces Top-of-Cab Antenna.	39	1
	Dash mounted CB assembly: W/leads & antennas. Includes dual antenna leads & dual antennas.	194	4
	Under-dash center console: W/2 cup holders, 1 ashtray, 1 lighter, 1 12V outlet & a storage compartment.	86	0
	Dome lamp over driver door.	23	0
	Self cancelling turn signal: W/head light dimmer switch .	21	0
	Cab access contoured grabhandles, LH/RH.	0	0
	Grabhandle: LH inside door frame above dash.	29	0
	Daylite Door: LH/RH includes RH peeper window	0	0
	Dual rectangular air horn 23 in. LH & RH top of roof. Includes air horn covers.	248	11
	Dual convex mirror 8.5 inch w/ offset mounting below regular mirror, and non-heated.	42	0
	Look-Down, Pass. Door, Stainless 8.5x4.4	0	0
	Mirror: Dual Prutsman mirror 7 in. x 16 in. polished stainless steel, thermostatically controlled. switch located on door pad.	45	0
	Mirror brackets 8-1/2 ft load width.	0	0
	Rear Cab Stationary Window 17 in. x 36 in.	0	0
	Electric-powered LH & RH door window lifts. Switch located on door.	119	0
	Exterior stainless steel sunvisor.	386	11
Lights & Instrument	ts	300	11
	Headlamps: Halogen Projector Low Beam, Halogen Complex Reflector High Beam	0	0
	Marker Lights: Five, rectangular, LED	97	0
	Turn Signal Lights: Mounted on fender	0	
	Combination Stop, Tail, Turn & Backup Lights RH & LH.	0	0
	Body Builder Lighting Harness Coiled End Of Frame For Additional Customer Installed Exterior Lighting. Harness Includes Circuits for Additional Customer Installed Tail Lamps, Turn Lamps, Stop Lamps, and Marker Lamps.	110	0

Air Equipment



	Description	\$ List	Weigh
	Air Dryer Bendix AD-IS heated Puraguard	0	
Extended Warranty			
	Base Warranty - PACCAR PX-7 Engine 36 months / Unlimited miles & km / Unlimited hours.	0	
	Base Warranty - Standard Service Medium Duty 12 months / Unlimited miles & km	0	
Miscellaneous			
	Local PDI then Ship to Specific Address. N94000 SEND TO: Local PDI N94010 THEN TO: PALFLEET TRUCK EQUIPMENT N94020 4101 TRAILER DRIVE N94030 CHARLOTTE, NC 28269 N94040 TODD SHERRILL 704-596-9674	0	
	GHG Secondary Manufacturer: Does Not Apply	0	
	Warning triangle reflector kit: Shipped loose. Kit consists of 3 triangles in plastic carrying case. Not floor mounted.	42	
	One 5 lb. dry chemical type fire extinguisher mounted outboard of driver seat. Class ABC.	121	1
	Prospector Starting Point Tracker	0	(
	Paint color number(s). N97020 A - L0006 WHITE N97200 FRAME N0001 BLACK	0	C
	Bumper Unpainted	0	C
	Day Cab Standard Paint	0	0
	<ol> <li>Color Paint - Day Cab</li> <li>Color will be White if no other color is specified.</li> </ol>	0	0
-	Base coat/clear coat. The Kenworth Color Selector contains additional instructions, as well as nformation on Kenworth paint guidelines and surface finish applications. Kenworth is standard with Dupont Imron Elite paint.	0	0
otal Weight			10479 11

Prices and Specifications Subject to Change Without Notice.

10478 lb