

Vehicle Summary

	Unit		Chassis	
Model:	T909	Fr Axle Load (kg):	6500	
Type:	Prime Mover	Max Front Load (kg):	6500	
Description:	Bump-in trucks 50 inch base	Distance at Max Load (%):	80	
	Application	Rr Axle Load (kg):	16500	
Intended Serv.:	Tanker	Max Rear Load (kg):	17000	
Commodity:	Tanker - Fuel	Distance at Max Rear Load (%):	80	
	Body	G.C.M. (kg):	65000	
		Max G.C.M. Load (kg):	87500	
		Requested G.C.M. Load (kg):	138000	
Type:		Distance at Max G.C.M. Load (%):	20	
Length (mm):	0	Wheelbase (mm):	5740	
Height (mm):	0	Overhang (mm):	1380	
Body Weight (kg):	0	Fr Axle to BOC (mm):	3,550	
Body Width (mm):	0	Cab to Axle (mm):	2,190	
	Trailer	Cab to EOF (mm):	3,570	
No. of Trailer Axles:		Overall Comb. Length (mm):	25935	
Type:	Tanker (Pump/Blower Discharge)	Road Conditions:		
Length (mm):	20810	Class A (I'state hwy/Roads):	100	
Height (mm):	4300	Class B (Well maintained):	0	
Kingpin Inset (mm):	1400	Class C (Poorly maintained):	0	
Corner Radius (mm):	0	Class D (Off-Road):	0	
Trailer Width (mm):	2500	Maximum Grade:	8	
	Restrictions	Length Max Grade (km):	0	
Length (mm):	36500	Normal Grade (%):	0	
Width (mm):	2500	Length Normal Grade (km):	0	
Height (mm):	4300	Annual Distance (km):	250000	
		Special Req.		
		Interstate (East Coast of Australia)		

Approved by: _____

Date: _____

	Description	Weight
Model		
	T909 Includes radiator, silicon radiator/heater hoses, front axle shock absorbers, PVC covered chassis wiring, grab handles for cab access & at rear of cab/sleeper, fuel tank steps, front tow hitch/hook, rear axle park brakes, colour coded polyester nylon cab & chassis airlines.	8,440
Configuration		
	Single steer + tandem drive (6 x 4)	0
	Tanker	0
	Tanker - Fuel	0
	Tanker (Pump/Blower Discharge)	0
	Prime Mover with Roadtrain A-Double trailers. Semi trailer plus drawbar connection to full trailer (two trailers plus one dolly). Up to 36.5m overall length.	0
	Drum trailer brakes with ABS/EBSS on trailer	0
	ADR compliant	0
	B-Double compliant	0
	Road Train compliant	0
	Interstate (East Coast of Australia)	0
	Australia	0
	Speed Limiter - 100km/hr	0
	Sulphur free operating environment	0
	High rate GCM (Indicate GCM + % annual dist.) Used to over-ride the normal GCM limits. Selection of this option acknowledges that Applications Engineering approval has been obtained. (Attach Narrative) N09000 138t @ 50%	0
Kits		
	Fuel haul – single steer & sleeper & non-post EGP Use this kit on any conventional single steer with a sleeper and non-Post EGP. The kit includes battery box insulation, terminal covers for chassis equipment electrical components, dash mounted alternator isolation and master battery isolation switches (2.1m cab models also isolate non-essential cab circuits), and a walkway where applicable.	5
	Roll over sensor	3
	Remote push button activation for BIS (Only fitted when BIS is mounted on the LHS)	0
	DG document holder on driver's side door - with incorporated fuel card holder	1
	S.C	0
	Standard Service kit	0
Engine & Equipment		
	Cummins X15 Euro V 600hp / 2050lbft 615hp @ 1800 rpm, 2050lbft torque @ 1200 rpm. 15.0 litre displacement. ADR80/03. Six cylinder in-line turbocharged air-to-air aftercooled, Aluminium flywheel housing. Fleetguard combination full flow & by-pass	0

oil filters & integral oil cooler. Includes 2000rpm max, Cummins road speed limiter, KW spin on water filter.

X15 engine warranty - 5 yr or 1,200,000km or 18,000 hours or 600,000L fuel burn coverage - all emissions levels	0
EGP mtd in chassis, Dual side of cab exhaust - In chassis EGP mounted RHS.	48
Dual SS fuel haul exhaust shield	52
Dual delivery tailpipes - for travel to dealership (dealer to supply and fit final tailpipe for delivery to customer)	13
Fuel Pro fuel filter/water separator Cummins ISX/Signature Engine Family only.	0
Cummins 8.8 l/s (18.7cfm) compressor	0
12V starter with key switch	0
PACCAR 15" SS air cleaners - for raised intakes (Stainless Steel cowl mtd air cleaners)	-1
14in stainless steel air cleaner caps (2)	6
Raised 6" SS air intakes without logo - dual polished stainless 6 inch diameter intake pipes	10
160A isolated alternator (X15/QSK/MX-12V)	2
12 volt cab/chassis electrics (unless otherwise specified in Misc Air Equipment, trailer connections will also be 12V)	0
Power distribution box (suits multi-trailer combinations)	5
Urea metering device - required with SCR or SMA exhaust systems	0
Cummins engine brake, steering wheel mtd switches	0
Radiator mounted bug screen	1
Horton 1 speed fan clutch with severe outback kit	0
Barry rear eng mounts (Severe service/GCM >110T) Not warranted for use in Severe service or High GCM applications	0

Transmission & Clutch

Eaton Fuller RTLO22918B transmission 2250lbft torque, 18 speed overdrive.	0
2250lbft Easy Pedal Advantage 3 - VCT+ clutch (manual adjust)	0
RPL25 main driveline & 1 C/Bearing (MERITOR Series)	67
RPL20 interaxle driveline - tandem (MERITOR Series)	14
Extended grease line to clutch bearing	2
Extended grease line to clutch shaft	4
Isolated gearshift lever (T9 includes stainless steel gearshift surround)	0
Transmission oil cooler	0
Aftermarket trans PTO with factory switch - use with a shiftable trans PTO.	0
Transmission mounted breather	0

Axles & Equipment

MERITOR MFS73 (7.3t capacity) (single steer) Includes standard warranty: 24 Months/Unlimited kms (excluding wheel end equipment).	27
Meritor 16.5x6 LA(Q+) front drum brakes (single) on Meritor MFS73 and FL941 front axles	0
Front springs, 7.2t multi leaf (> 9" susp)	75
2 HD steel piloted front hubs & drums - 285PCD (MFS73/D2000F)	5
TRW Ross TAS 85 power steering	0
Automatic Slack Adjusters (single steer)	0

REAR AXLE RATIO-4.30	0
MERITOR MT23-168GP w cooler - dual diff locks 22.7t GAW (tandem - vocational applications). Includes forward diff oil cooler, Timken NP pinion bearing to front diff carrier and tight fitting crown wheel bolts to both diff carriers. Cross wheel diff locks applied to both drive axles. Includes standard warranty: GCM <=131T, 48 Months/800,000 kms (excluding wheel end equipment).	52
HD (P-type) Meritor rear drum brakes (tandem) per Severe Service	4
Hendrickson PAX 462 suspension 10" ride height with fabricated front bracket	270
Rear Axle spacing 1321mm NOTE - axles are located by suspension components which may move longitudinally with variances of vertical load or installation angles.	0
4 Aluminium piloted rear hubs & drums - 285PCD (R-series)	0
Interaxle diff lock	0
Automatic slack adjusters - tandem rear axle	0
Diff breather(s) on axle housing	0

Tyres & Wheels

Bridgestone 385/65 R22.5 R249 - 2 steer	24
Bridgestone 11R22.5 M866 - 312 RPK	0
Alcoa 12.25x22.5 285PCD - 2 steer hub pilot (includes polished hub covers)	20
Alcoa ULTRA ONE 8.25x22.5 285PCD hub pilot	0
2 Polished wheels - single steer (only required with Alcoa steer wheels/rims)	0
4 Polished, 4 Clean Buff finishes - rear (only required with Alcoa drive wheels/rims)	0

Frame & Equipment

273mm x 89mm x 9.5mm rails up to 7701mm (0.0621kg/mm/pair of rails)	141
251mm x 73mm x 6.4mm full insert 9000mm max (0.0360kg/mm/pair of rails)	273
No partial insert (full insert selected)	-70
Taper cut-off / Dolly towing crossmember	18
Temporary FUPS device	-54
Aftermarket FUPS bullbar to be fitted	0
Low profile slide tray b/box LHUC above rect tank - T909 with rectangular tanks only.	-24
Tool box RHS under cab above tank (note:for a C509 sound attenuation shields are NOT included with this option)	0
4 x 12V heavy duty Kenworth batteries Trucks offline from 28/8/2023 will be fitted with heavy duty maintenance free KW batteries. Refer to FYI 2784 for details.	0
Battery Isolation switch (fuel haul)	8
Reversing alarm	1
Front wheel arch extension rubbers	2
Temporary canvacon delivery guards mandatory with tri-axle combinations, HAS461 suspension (car carrier), or 305/70 drive tyres.	-35
Thermoflex mudflaps - front (single steer)	0
Thermoflex mudflaps - rear	0
75w (50mm evens) fifth wheel angles GCM limited to 150T.	-1
Jost JSK 42 WJ-185/MP4111-350 (D-value 190kN) Cast Steel 50mm `greaseless` fifth wheel with LubeTronic, 225mm overall height, Pivot bearing mounting on 350 grade steel ripple plate with 40mm	205

corrugations	
5th Wheel setting Positive 100mm	0
KW rear sleeper suspension (4 airbags & 4 shocks)	16
- mounted inboard and outboard of chassis (4 shocks & 4 airbags) for 50" integrated sleepers on T609, T659 & T909.	

Cab & Equipment

T909 cab, integrated sleeper	0
Huckbolted steel & aluminium cab frame. Steel, aluminium and fibreglass cab construction using aerospace technology. Aluminium bulkhead type doors with continuous piano-type hinges. LED warning light cluster located in dash, low air warning buzzer, engine water temperature gauge, engine oil pressure gauge, voltmeter, fuel level gauge, speedometer, tachometer, air system pressure gauges, manual reset circuit breakers on essential circuits with fuses on non-essential circuits, interior sunvisors, cab interior light, door courtesy lights, pocket holder in drivers door, seat mounted inertia-reel seat belts to driver & rider seats, directional/hazard lights front & rear, front outline LED marker lights on mirrors, vinyl floor mats, dual electric horns.	
Traditional hood, T909, external air cleaners	0
Shiraz cab trim, HD diamond pleat vinyl	0
(4411) with black hard trim as standard	
ISRI 6860/870 STD air susp driver seat, Burgundy	0
with standard seat cushion and L & R arm rests (LH arm rest only on COE). NOT with Horizontal Isolator.	
Fixed rider's seat - Burgundy	0
with no arm rests.	
Drivers black lap/sash seat belt	0
Riders black lap/sash seat belt	0
FM/AM radio aerial - RH mirror brkt mtd	0
8 inch audio navigation screen	0
Electrophone UHF CB radio with aerial to LHS	2
Electrophone UHF CB radio with aerial to RHS	2
Kenworth integral heater/airconditioner	0
Two piece curved windscreen	0
- tinted, laminated safety glass with dual electric variable speed windscreen wipers	
Daylite II door with electric lift window to LHS	0
Daylite II door with electric lift window to RHS	0
Dual airhorns, both 572mm, mounted on roof	0
on T4/T6/T9 Aero 50" cab	
Flat mirrors-heated with Moto mirror LHS & RHS	2
Spotter mirrors below main(2)	1
Power plug in driver's seat riser	0
Power plug in rider's seat base	0
Manual reset circuit breakers	0
on truck and trailer lighting circuits only, fuses used on other circuits	
Dual port USB power supply	0
12v power socket in dash	0
Two spare switches in main switch panel	0
(where space permits)	
PTO switch - for aftermarket PTO (Switch only).	0
LED headlights, LED Hi Beam, functional DRL	2
- integrated daytime running lights are functional in this option	
Wiring & switch - later fitment of driving lights	0
with a maximum current draw of 20A (continuous current draw of 15A only)	
LED Mirror mounted rear facing floodlights	2
- with glare shield	
LED floodlight bar on the back of the cab/sleeper	2
Door courtesy lights	0
LED stop/tail lights (incl. reverse lights)	0
2 LED marker lights only	-2

Exterior sunvisor - stainless steel	1
Oil temperature gauge - engine	1
Oil temperature gauge - transmission	1
Oil temperature gauges (2) - tandem axles	1
SCR fluid gauge	0
80mm pyrometer	2
VDO analogue clock	1
Tachometer with integrated engine hourmeter	0
Turbo boost gauge	1
Programmable Engine Idle Timer - Refer FYI 2721	0
Air suspension pressure gauges (2)	1
Engine coolant temperature gauge	0
Engine oil pressure gauge	0
Low transmission oil pressure warning light (with neutral interlock)	0
Gold bezel gauges	0
Cummins cruise control, steering wheel mounted	0
Adjustable steer column with smart wheel 460mm soft touch	8
No jack and wheelbrace	-18
Integral two cup drink holder in dash	0
Back of cab grab handles (non-painted)	0
Roof mounted air conditioning condensor	20
Seven hood grille bars - in lieu of three grille bars (Euro 5 compliant engines only)	2
Perforated S/Steel grille, externally mounted	0
Remove side hood emblem (including Kenworth badge)	0
Central Locking	0
Park brake warning alarm	0
Drivers side fasten seat belt warning	0
Black Interior grab handles fitted to A-pillar	0
Dual hood hooks	0
Aero roof 50" integrated sleeper, flat rear panel. Access door with step (where applicable) & grab handle to LHS. Two section tool compartment with external doors. 790mm x 1880mm inner-spring mattress. Sleeper restraint belts. Digital clock. Vista roof windows. Shelves with hanging space & sleeper curtain.	275
Right hand sleeper access door (830mm x 640mm) - N/A with 28^, 600mm, 760mm or 860mm sleepers.	7
Flywire screens RH & LH sleeper doors	0
Stainless steel sleeper vents x 4 for 50^ / 1270mm /1400mm Aero sleepers	2
Upper rear storage locker Aero 50^ & 1270mm Aero (upper bunk N/A)	10
Sleeper fan - single	2
Stainless steel vanity skirts to sleeper including steps where applicable.	5
Side extenders & continuation tabs - Aero sleeper	25
Documentation, Telematics & Training	
Kenworth driver's information pack with driver's handbook	0
Kenworth custom maintenance manual - USB drive	0

Air Equipment

Combined trailer kit, mounted at rear of cab / sleeper and at rear of frame. Includes trailer hand-piece (All NZ trucks and K220 with Endurant transmission & ESP will be fitted with an auto-reset hand-piece. From offline date 16/10/2023, ALL	5
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K220 trucks will be fitted with an auto-reset hand-piece, regardless of transmission type. Refer to FYI 2787 for details.)

PBR air line couplings	0
Semi trailer fixed coiled air lines	0
Full truck air couplings, plugged - combined kit	0
Semi trailer fixed light line - AS 4735 plug straight light line	0
Full truck electrical connection - AS 4735 socket mounted at rear of frame	0
Hosetenna left hand side - fixed	0
Manual air tank drain valves	0
Chicago Rawhide Turbo 2000 air dryer	12
Trailer release valve	1
24 volt inverter for trailer safety systems. Increases trailer ABS & TRM supply voltage from 12V to 24V - required for road train compliance.	1
ESP (Prime Mover) - Electronic Stability Program	0
Electronic Braking Safety System (ABS+ATC+DTC) - EBSS is an Electronically controlled pneumatic braking system (standard features: Antilock Braking System + Automatic Traction Control + Drag Torque Control)	0
Semi trailer ABS - socket + detachable lead - 12 Volt nominal, becomes 24 volt when (75500022) "24 Volt Inverter for Trailer Safety systems" is selected. This Socket and detachable lead option can be used with Semi Trailer kit or Combined kit.	2
No Full truck ABS trailer connection (for use with combined kits only)	0

Fuel Tanks & Equip

Aluminium Note: each fuel tank specified is filled with 200L fuel when it leaves the KW factory. Tanks with a capacity less than 200L will be completely filled. Polished aluminium fuel tanks apply to all orders from the January 2015 price book onwards. Non-polished aluminium fuel tanks will be provided for all trucks ordered in price levels earlier than the January 2015 price book.	0
Polished finish - Aluminium tanks only	0
650L rectangular fuel tank LHF (rpl)	55
650L rectangular fuel tank RHF (add)	147
420L rectangular fuel tank LHRR (add)	111
LHR 450mm Position to be left free for Ice Pack	0
360L rectangular fuel tank RHRR (add)	84
225L Square AdBlue tank RHR (stainless steel) for X15 (60L AdBlue supplied at factory)	32
Single fuel pickup & return with fuel cooler	6

Frame/Location Options

Hydraulic PTO retrofit to UNDERSIDE of trans. locate air tanks, airlines, fuel lines and electrical harnesses clear from underside of clutch housing to output yoke. (Not with Allison transmission), (subject to Kenworth Engineering approval)	0
Do not locate air tanks Between Drive Guards	0

Paint

Paint cab stock Ice White (419KEA.KMV2)	0
Paint integrated sleeper 1 colour	0
Chassis painted 1 colour	0
PAINT COLOR NUMBER	0
N97020 COLOUR A 419KEA.KMV2 Ice White	
N97350 CHASSIS 419KEA.CPL3 Bright Red	

Miscellaneous0

Total Weight10443kg