



64 Canterbury Road, Bayswater
P.O. Box 60, Bayswater, Victoria, 3153, Australia

Telephone: (03) 9721 1500
Facsimile: (03) 9720 4144



A Division of PACCAR Australia Pty Ltd
A.B.N. 43 004 669 667

26 July 2019

Delivery Schedule

Delivery is subject to order placement date and supplier lead times. Delays in order submission may delay delivery / availability. The following summary tabularises the forecast schedule **per unit** subject to any unforeseen delays (part shortages, 3rd party delays, additional items outside the approved scope of works etc). Forecast is also in conjunction with scheduled offline date(s).

	Weeks	Comments	Estimated Delivery Forecast
Factory Lead Time	12	Subject to Build Slot	17 Weeks
Dispatch to Dealership	1	Dispatch to Perth	
Pre-Delivery Works incl. All Accessories	4		

Warranty

Coverage Type – **Highway > 140**

Components	Coverage		
General Cab / Chassis	24	Months	100% Parts & Labour
Dana Rear Axles	24	Months	Unlimited Klm Whichever Comes First
Cummins Engine	60	Months	1,200,000 Klm Whichever Comes First
Eaton Transmission	12	Months	150,000 Klm Whichever Comes First

Note – Exclusions Apply.

Terms & Conditions upon this pricing is offered

Please refer to the attached general conditions.

Craig, thank you once again for your consideration of our product, we look forward to your review of our proposal.

Yours Faithfully,

Steven Sarnyai – National Fleet Sales Specialist
Sent on behalf of: Stephen May – National Fleet Sales Manager



Kenworth Trucks Australia A031
64 Canterbury Road

BIS Industries
Level 1 Brightwater House
355 Scarborough Beach Road

Bayswater, Victoria Australia 3153
Phone: 0397211500
Fax: 0397204144
Email: steven.sarnyai@paccar.com

Osborne Park, Western Australia Australia 6017
Phone: 0892025885
Fax: 0
Contact Email: craig.briggs@bisindustries.com
Prepared for: Craig Briggs

Vehicle Summary

	Unit	Chassis	
Model:	T659	Fr Axle Load (kg):	11000
Type:	Prime Mover	Max Front Load (kg):	11000
Description:	2019 10x6	Distance at Max Load (%):	50
		Rr Axle Load (kg):	20800
Intended Serv.:	Processed Quarry Products	Max Rear Load (kg):	20800
		Distance at Max Rear Load (%):	50
Commodity:	Gravel/Crushed Rock/Sand/Minerals/Ore	G.C.M. (kg):	65000
		Max G.C.M. Load (kg):	184000
Type:	Body	Requested G.C.M. Load (kg):	184000
		Distance at Max G.C.M. Load (%):	50
Length (mm):	0	Wheelbase (mm):	4790
Height (mm):	0	Overhang (mm):	1450
Body Weight (kg):	0	Fr Axle to BOC (mm):	1,010
Body Width (mm):	0	Cab to Axle (mm):	3,780
No. of Trailer Axles:	Trailer	Cab to EOF (mm):	5,230
		Overall Comb. Length (mm):	53040
Type:	Side Tipper	Road Conditions:	
Length (mm):	48000	Class A (I'state hwy/Roads):	95
Height (mm):	3500	Class B (Well maintained):	5
Kingpin Inset (mm):	1430	Class C (Poorly maintained):	0
Corner Radius (mm):	0	Class D (Off-Road):	0
Trailer Width (mm):	2500	Maximum Grade:	3
Length (mm):	Restrictions	Length Max Grade (km):	1
		Normal Grade (%):	3
Width (mm):	2500	Length Normal Grade (km):	1
Height (mm):	4300	Annual Distance (km):	250000
		Special Req.	
		Intrastate - WA	

Approved by: _____

Date: _____

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Complete

Model Number: T659
 Quote/DTPO/CO: Q84503136
 Version Number: 35.02



Kenworth Trucks Australia A031
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Phone: 0397211500
Fax: 0397204144
Email: steven.sarnyai@paccar.com

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Contact Email: craig.briggs@bisindustries.com
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Data	Code	Description	Weight
Model			
00006590	S	T659 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.	8,277
Truck Warranty			
00990010	U	24 Month Extended Factory Warranty	0
00990050	U	Wheelbase to be 5,060mm from Steer Axle Group to Drive Axle Group	0
00990055	U	Twin Steer + Tri Drive (10 x 6)	0
00990060	U	Rear Frame Cut-Off to be 2,250mm	0
Configuration			
00100045	O	Processed Quarry Products	0
00110008	O	Gravel/Crushed Rock/Sand/Minerals/Ore	0
00120006	O	Side Tipper	0
00140016	O	Prime Mover with Roadtrain A-Triple trailers. Semi trailer plus drawbar connection to two trailers. (three trailer plus two dollies). Up to 53.5m overall length.	0
00150006	O	Drum trailer brakes with ABS/EBSS on trailer	0
00901006	O	Intrastate - WA	0
00951003	O	Australia	0
00970100	O	Speed Limiter - 100km/hr	0
00980100	O	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)	0
Kits			
11000007	S	No fuel haul kit	0
13000004	O	Severe Service Kit	0

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Engine & Equipment			
21012552	O	Cummins X15 Euro V 485hp / 1850lbft 505hp @ 1500-1700 rpm, 1850lbft 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 oil filters & integral oil cooler. Includes 2000rpm max, Cummins road speed limiter, KW spin on water filter.	0
21200200	O	Engine rerate by dealer (Indicate rerate hp + Tor To confirm that planned rerated engine horse power and torque ratings will comply with application engineering standards (Narrative required) N21200 600HP N21210 1850LBFT N21220 ADEPT	0
21301660	O	X15 Euro V engine warranty - 5 yr or 1,200,000km or 18,000 hours or 600,000L fuel burn coverage	0
21599000	U	Post Mounted EGP Behind Cab	0
22000016	O	Single SS exhaust shield (no letters) - Polished shield.	-20
22500321	O	Single curved chrome 5" tailpipe - min height	-8
23500035	O	Fuel Pro fuel filter/water separator Cummins ISX/Signature Engine Family only.	0
24000040	S	Cummins 8.8l/s (18.7cfm) compressor	0
25000001	S	12V starter with key switch	0
25500007	O	Dual 406mm cyclopacs/cowl mounted (deep bowl)	16
25800014	O	Donaldson air rams (2)	0
25900005	O	Raised painted air intakes - dual	8
26200022	O	160A isolated alternator (X15/QSK/MX-12V)	2
26500001	S	12 volt cab/chassis electrics (unless otherwise specified in Misc Air Equipment, trailer connections will also be 12V)	0
26500004	O	Power distribution box (suits multi-trailer combinations)	5
26500010	S	Urea metering device to suit SCR engine	0
27000080	S	Cummins engine brake, steering wheel mtd switches	0
27500005	O	Radiator mounted bug screen	1
28500001	S	Horton single speed fan clutch	0
29000010	O	Button type rear engine mounts with Severe Service kit.	0
29000036	O	Button type front engine mounts	0

Transmission & Clutch

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31024507	O	Eaton FO-20E318B-MXP UltraShift Plus transmission, 2050lbft torque, 18 speed overdrive with aluminium bell housing.	-18
32028200	O	ECA clutch to suit Ultra-shift plus transmission	0
34000356	O	SD 350 main d/line & 1 C/Bearing GREASEABLE SUPER DUTY (SPICER Series)	95
34599000	U	SPL170 SF Interaxle Drivelines - Tri Drive	57
35000010	S	Transmission oil cooler	0
35000031	O	Eaton UltraShift Dual Mode load sensitive skip-shifting.	5
35000032	O	Eaton UltraShift Urge to move	0
35000310	O	Aftermarket trans PTO with factory switch - use with a shiftable trans PTO. Does not include Park Brake Interlock - if an interlock is required, please raise an NPO in the "Cab Air & Electrical" section (64599000).	0
37000020	O	Remote transmission breather	1
38000010	O	Hill Start Assist	0

Axles & Equipment

41022042	O	DANA SPICER dual E-1462I (13.2t capacity) (twin steer) Includes standard warranty: 24 Months/Unlimited kms (excluding wheel end equipment).	705
41222003	O	Dana 16.5x5 FastChange front drum brakes (dual) Supplied by Bendix Spicer.	0
41500515	O	12.0t taper leaf F/springs, 3 leaf load share twin steer (> 9" susp)	364
41800004	O	4 Steel piloted front hubs & drums - 285PCD (MFS66/E1322/E1462)	95
42000162	O	Dual Sheppard power steering M110 main box with M110 slave (includes oil cooler)	0
42100050	O	Aeon front axle bump stops (twin steer)	0
42500009	O	Automatic Slack Adjusters (twin steer)	2
42900478	O	REAR AXLE RATIO-4.78	0
43099000	U	Dana T78-190 Tri-Drive with 2x DCDL	1,310
43299000	U	Dana Heavy Duty Rear Drum Brakes (Tri Drive)	18
43599000	U	Neway AD369/10 Tridem Rear Suspension	736
43799000	U	Rear Axle Spacing 1524mm - Neway Tri Drive	0
43899000	U	6 Aluminium Piloted Rear Hubs & Drums - 285 PCD	269

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43900010	S	Interaxle diff lock	0
44099000	U	Automatic Slack Adjusters - Tri Drive Rear Axles	3
44200002	O	Remote mounted diff breather(s)	5
Tyres & Wheels			
46050645	O	Bridgestone 295/80 R22.5 R150-II - 4 steer	122
46250040	S	Bridgestone 11R22.5 M766 - 310 RPK	0
47000036	O	Alcoa ULTRA ONE 8.25x22.5 285PCD - 4 steer hub pilot (includes SS hub covers with KW logo)	33
47299000	U	Alcoa Ultra ONE 8.25 x 22.5 285 PCD - T ri Drive	-96
47500008	O	4 Clean buff wheels - twin steer (only required with Alcoa steer wheels/rims)	0
47699000	U	12 Clean Buff Finish - Rear	0
Frame & Equipment			
51000310	O	273mm x 89mm x 9.5mm rails up to 11420mm (0.0621kg/mm/pair of rails)	150
51500002	O	251mm x 73mm x 6.4mm full insert 9000mm max (0.0360kg/mm/pair of rails)	279
51800001	O	No partial insert (full insert selected)	-70
52000006	S	Tractor taper / Light duty crossmember	0
52500001	O	Sealant between chassis rail and full insert	4
53000015	O	Temporary FUPS device	-72
53000153	O	Aftermarket FUPS bullbar to be fitted	0
54000075	O	Alloy fixed tray battery box between steer LHS (includes access steps)	39
54140040	O	Toolbox mounted RHS between steer axles (includes access steps)	39
54200040	S	4 x 12V heavy duty Kenworth batteries	0
54500002	O	Battery Isolation switch LHS (non-fuel haul) with remote push-button (RHS) activation	8
55000004	O	Reversing alarm	1
55500110	O	Stainless steel guards to suit second steer axle	20
56000004	O	Temporary canvacon delivery guards mandatory with tri-axle combinations, HAS461 suspension (car carrier), or 305/70 drive tyres.	-35
56500023	O	Thermoflex mudflaps - front (twin steer)	1
56600020	S	Thermoflex mudflaps - rear	0

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Data	Code	Description	Weight
58000021	O	100w (50mm evens) fifth wheel angles GCM limited to 200T.	8
59044000	O	Fuwa K-Hitch KH10D902335 (D-value 260kN) Fabricated Steel 90mm greaseable fifth wheel, 216mm overall height on 16mm base plate.	310
59100500	O	5th Wheel setting Positive 500mm	0
59500040	O	Cabmate rear cab air suspension - mounted inboard of chassis. Cabmate is only for the cab. Sleeper Box (if specified) will be rigid mounted unless sub-frame is selected.	12
Cab & Equipment			
61001500	S	T659 cab, no sleeper 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.	0
61300650	S	Traditional hood, T659, external air cleaners	0
61500060	O	Charcoal cab trim, HD diamond pleat vinyl (6611) with black hard trim as standard	0
62000642	O	ISRI 6860/870 PRO air susp driver seat, Charcoal with premium seat cushion, Integrated Horizontal Isolator and L & R arm rests (LH arm rest only on COE).	0
62001345	O	Fixed rider's seat - Charcoal with no arm rests.	0
62300002	O	Drivers Hi Viz Red lap/sash seat belt (with ISRI seats) must also have Fasten seat belt warning.	0
62300051	S	Riders black lap/sash seat belt	0
62500090	S	FM/AM radio aerial - roof mounted	0
62500106	S	FM/AM radio & CD, 2 speakers, 2 tweeters	0
62500250	O	Electrophone UHF CB radio with aerial to RHS	2
63000002	S	Kenworth integral heater/airconditioner	0
63300110	O	Two piece curved windscreen - tinted, laminated safety glass with dual electric variable speed windscreen wipers	0
63400004	S	Cab rear window - fixed (435 x 925mm) with Conventional day cab	0
63500032	S	Daylite II door with electric lift window to LHS	0

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Data	Code	Description	Weight
63500033	S	Daylite II door with electric lift window to RHS	0
63800010	S	Dual airhorn, 572mm & 648mm mounted on roof	0
64000003	O	Flat mirrors-heated with Moto mirror LHS & RHS	2
64100001	O	Spotter mirrors below main(2)	1
64500020	O	Power plug in rider's seat base	0
64500040	S	Dual port USB power supply (single port prior to August 2016)	0
64500060	S	Two spare switches in main switch panel (where space permits)	0
64500086	O	PTO switch - for later fitment of a PTO (Switch only).	0
64700006	O	Delete lighter & ashtray - add a 12V power socket to dashboard (Also deletes lighter and ashtray from sleeper where applicable)	0
64800163	O	LED headlights, LED Hi Beam, functional DRL - integrated daytime running lights are functional in this option	2
65000200	O	Wiring & switch - later fitment of driving lights	0
65000326	O	LED Mirror mounted rear facing loading lights	4
65000395	O	LED floodlight bar on the back of the cab/sleeper	2
65000428	O	Dual LED beacon lights to cab roof HELLA 7000 series (mounted on pedestals with 2.1m cabs)	4
65000520	S	Door courtesy lights	0
65000536	S	LED stop/tail lights (incl. reverse lights)	0
65200066	O	2 LED marker lights only	-2
65400220	S	Exterior sunvisor - painted	0
65500150	O	Oil temperature gauge - transmission	1
65500190	S	SCR fluid gauge	0
65500261	S	Tachometer with integrated engine hourmeter	0
65500290	O	Bogaard engine timer	0
65500320	O	Air suspension pressure gauges (2)	1
65500350	O	Air cleaner restriction gauge for complete intake system	1
65500900	S	Engine coolant temperature gauge	0
65500910	S	Engine oil pressure gauge	0
65500990	S	Low transmission oil pressure warning light (with neutral interlock)	0
65501000	O	Gold bezel gauges	0
65599000	U	Axle Oil Temperature Gauges - Tri Drive	1

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Data	Code	Description	Weight
65600250	S	Cummins cruise control, steering wheel mounted sw	0
65700160	O	Adjustable steer column with smart wheel 460mm soft touch	8
65900030	O	No jack and wheelbrace	-18
66000070	S	Integral two cup drink holder in dash	0
66000535	O	No rear of cab/sleeper grab handles	0
66000576	O	Roof mounted air conditioning condensor	20
66000580	S	Perforated S/Steel grille, externally mounted	0
66000700	S	Central Locking	0
66000730	O	Park brake warning alarm	0
66000740	O	Drivers side fasten seat belt warning	0
66000794	O	Yellow interior grab handles fitted to A-pillar	0
66200018	S	Dual hood hooks	0
67000007	S	No sleeper	0
68000001	S	Kenworth driver's information pack with driver's handbook	0
68000008	O	Kenworth customised parts list - USB drive	0
68000010	S	Kenworth custom maintenance manual - USB drive	0

Air Equipment

71000015	O	Combined trailer kit, mounted at rear of cab / sleeper and at rear of frame.	5
71200001	S	PBR air line couplings	0
71400002	O	Semi trailer detachable coiled air lines	0
71400005	O	Full truck air couplings, plugged - combined kit	0
71600004	O	Semi trailer detachable light line - 7 pin plug Coiled light line conforms with AS2513. 2 trailer maximum without a Power Distribution Box.	0
71600006	O	Full truck electrical connection - 7 pin socket mounted at rear of frame. Conforms with AS2513.	0
71800001	S	Hosetenna right hand side - fixed	0
72000010	S	Manual air tank drain valves	0
73000010	O	Chicago Rawhide Turbo 2000 air dryer	12
75000003	O	Isolation taps to combined trailer airlines	0
75000020	O	Trailer release valve	1
75500040	O	ESP (Prime Mover) - Electronic Stability Program	0

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75500050	S	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
75600006	S	Semi trailer ABS - socket only (for use with Semi Trailer kit or Combined kit)	0
75600015	O	Full truck ABS - socket only (for use with Full Truck kit or Combined kit)	0
Fuel Tanks & Equip			
80500001	S	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
80600010	S	Polished finish - Aluminium tanks only	0
82001225	O	225L rectangular oil tank LHR c/w breather & 1.25" BSP in/outlets. Aftermarket fittings and hoses for the oil tank may need up to 150mm of additional rail space.	257
83000360	O	360L rectangular fuel tank LHRR (add)	84
83511400	O	400L rectangular fuel tank RHRR (rpl)	14
84400052	O	160L square AdBlue tank RHR (stainless steel) for ISXe5 (60L AdBlue supplied at factory)	23
86500017	O	Delete LHR tank steps	-8
86500018	O	Delete RHR tank steps	-8
86500019	O	Delete LHRR tank steps	-8
86500020	O	Delete RHRR tank steps	-8
86599000	U	Fit All ADBlue, Fuel & Oil Tank Steps	32
88000015	O	Dual fuel pickups & returns with no fuel cooler	8
89500020	O	Hydraulic PTO retrofit to u`side 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
Paint			
91000000	O	Paint cab stock Ice White (419KEA.KMV2)	0
92500002	O	Chassis painted 1 colour	0
94000010	O	Matt black solid to top of hood (will use paint code 419KEA.6JRV) (metallic or BaseCoat ClearCoat Not Available)	0
97000000	O	PAINT COLOR NUMBER	0

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	N97020	COLOUR A 419KEA.KMV2 ICE WHITE RIO	
	N97400	SLD HOOD 419KEA.6JRV FLAT BLACK	
	N97700	SUNVISOR 419KEA.KMV2 ICE WHITE RIO	
	N97370	AIR CLEANER 419KEA.KMV2 ICE WHITE RIO	
	N97350	CHASSIS 419AFL.248R BIS INDUSTRIE	

Miscellaneous

0

0

Total Weight

13114kg

Prices and Specifications Subject to Change Without Notice.

Typical accuracy of a weight estimate is +/- 2% and does not include the weight of fuel.
There is no guarantee as to the accuracy of the weight estimate of this specification.

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