



Brown & Hurley Toowoomba A043
28-30 CARRINGTON ROAD
PO BOX 6383 TOOWOOMBA WEST

Daltrans Bulk Haulage
22 Parkview Drive

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Prepared for: Dallas Kropp

Vehicle Summary

	Unit		Chassis	
Model:	T659	Fr Axle Load (kg):	6500	
Type:	Prime Mover	Max Front Load (kg):	6700	
Description:	Daltrans T659 2022	Distance at Max Load (%):	10	
	Application	Rr Axle Load (kg):	16500	
Intended Serv.:	Farm Produce	Max Rear Load (kg):	17500	
Commodity:	Grain/Fertilizer	Distance at Max Rear Load (%):	10	
	Body	G.C.M. (kg):	85000	
Type:		Max G.C.M. Load (kg):	113000	
Length (mm):	0	Requested G.C.M. Load (kg):	97000	
Height (mm):	0	Distance at Max G.C.M. Load (%)	10	
Body Weight (kg):	0	Wheelbase (mm):	5450	
Body Width (mm):	0	Overhang (mm):	1370	
	Trailer	Fr Axle to BOC (mm):	3,120	
No. of Trailer Axles:		Cab to Axle (mm):	2,330	
Type:	Rear Tipper	Cab to EOF (mm):	3,700	
Length (mm):	13720	Overall Comb. Length (mm):	18820	
Height (mm):	3700	Road Conditions:		
Kingpin Inset (mm):	1430	Class A (l'state hwy/Roads):	100	
Corner Radius (mm):	0	Class B (Well maintained):	0	
Trailer Width (mm):	2500	Class C (Poorly maintained):	0	
	Restrictions	Class D (Off-Road):	0	
Length (mm):	36500	Maximum Grade:	5	
Width (mm):	2500	Length Max Grade (km):	3	
Height (mm):	4300	Normal Grade (%):	3	
		Length Normal Grade (km):	2	
		Annual Distance (km):	200000	
		Special Req.		
		Australia Wide		

Approved by: _____

Date: _____

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Printed:	27/06/2021 9:25:33 PM	Complete	Model Number:	T659
Effective Date:	Sep 1, 2021		Quote/DTPO/CO:	Q51504464
Prepared by:	Angus Short		Version Number:	40.01



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	Description	Weight
Model	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.	8,118
Configuration	Single steer + tandem drive (6 x 4)	0
	Farm Produce Vegetables, crops	0
	Grain/Fertilizer	0
	Rear Tipper	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
	Disc trailer brakes with ABS/EBSS on trailer	0
	ADR compliant	0
	B-Double compliant	0
	Road Train compliant	0
	Australia Wide	0
	Australia	0
	Speed Limiter - 100km/hr	0
	PBS assessment Use this code only for trucks that are intended for PBS permits. Performance-Based Standard assessment may have to meet different standard than general access vehicles	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 113T For AB Tripple With Tri D	0
Kits	No fuel haul kit	0

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Description	Weight
Standard Service kit	0
Engine & Equipment	
Cummins X15 Euro V 550hp / 1850lbft 578hp @ 1800 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
EGP mtd in chassis, Dual side of cab exhaust - In chassis EGP mounted RHS.	8
Dual SS exhaust shield (no letters) - Polished shield.	0
Dual curved chrome 5" tailpipe - min height	0
Fuel Pro fuel filter/water separator Cummins ISX/Signature Engine Family only.	0
Cummins 8.8l/s (18.7cfm) compressor	0
12V starter with key switch	0
PACCAR 15" SS air cleaners - integrated caps (Stainless Steel cowl mtd air cleaners)	0
170A non isolated alternator (X15)	0
12 volt cab/chassis electrics (unless otherwise specified in Misc Air Equipment, trailer connections will also be 12V)	0
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 single speed fan clutch	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 RTLO20918B transmission 2050lbft torque, 18 speed overdrive.	0
2050lbft Ezy 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

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Description	Weight
Extended grease line to clutch shaft	4
Isolated gearshift lever (T9 includes stainless steel gearshift surround)	0
Transmission oil cooler	0
Aftermarket trans PTO NOT with a factory switch - use with a constant drive trans PTO or when a switch will be fitted aftermarket also.	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 taper leaf (> 9" susp)	0
2 HD steel piloted front hubs & drums - 285PCD (MFS73/D2000F)	5
TRW Ross TAS 85 power steering	0
Automatic Slack Adjusters (single steer)	1
REAR AXLE RATIO-4.30	0
MERITOR MT21-165GP - dual diff locks (Vocational) 20.9t GAW (tandem - vocational applications). Includes Timken NP pinion bearing to front diff carrier and tight fitting crown wheel bolts to both diff carriers. Standard warranty: GCM <=110T, 48 Months/800,000 kms (excluding wheel end equipment).	32
16.5" x 7" Meritor Q+ rear drum brakes (tandem)	0
AIRGLIDE 460 10.5", 20.9T GAWR (tandem) 2 steel pedestals, 10.5" ride height	56
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	2
Diff breather(s) on axle housing	0
Tyres & Wheels	
REAR TYRE QTY 08	0
Bridgestone 295/80 R22.5 R154 - 2 steer	-3

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Description	Weight
Bridgestone 11R22.5 M766 - 310 RPK	0
Alcoa ULTRA ONE 8.25x22.5 285PCD - 2 steer hub pilot (includes SS hub covers with KW logo)	0
REAR RIM QTY 08 REAR WHL QTY 8	0
Alcoa ULTRA ONE 8.25x22.5 285PCD hub pilot	0
2 Clean buff wheels - single steer (only required with Alcoa steer wheels/rims)	0
4 Dura-Bright 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 11420mm (0.0621kg/mm/pair of rails)	127
Rear suspension insert	0
Taper cut-off / Dolly towing crossmember	18
Sealant between chassis rail & suspension insert	2
Temporary FUPS device	-72
Aftermarket FUPS bullbar to be fitted	0
Slide tray b/box LH under cab above round tank	3
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	0
Cab power supply disconnect switch - Not Fuel Haul Compliant	2
Reversing alarm	1
Spraysafe Tandem plastic mudguards - Navy Blue	4
Rear mudguard loop kit	4
Thermoflex mudflaps - front (single steer)	0
Thermoflex mudflaps - rear	0
100w (50mm evens) fifth wheel angles GCM limited to 200T.	17
Jost JSK 37 CZW-185/MP0118 (D-value 190kN) Cast Steel 50mm `greaseless` fifth wheel with LubeTronic, 201mm overall height, large rubber mounting cushions on 16mm base plate	239
5th Wheel setting Positive 150mm	0
KW rear sleeper suspension (4 airbags & 4 shocks) - mounted inboard and outboard of chassis (4 shocks & 4 airbags) for 50" integrated sleepers on T609, T659 & T909.	28

Cab & Equipment

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Description	Weight
T659 cab, integrated 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
Traditional hood, T659, external air cleaners	0
Sandstone cab trim, HD diamond pleat vinyl (9814) - with sandstone hard trim as standard	0
ISRI 6860/870 STD air susp driver seat, Burgundy with standard seat cushion and L & R arm rests (LH arm rest only on COE). NOT with Horizontal Isolator.	0
Fixed rider's seat - Burgundy with no arm rests.	0
Drivers black lap/sash seat belt	0
Riders black lap/sash seat belt	0
FM/AM radio aerial - roof mounted	0
Audio Visual Navigation Screen - 2 speakers & 2 tweeters - includes AM/FM/DAB+ radio and navigation options in a 6.5in touch screen display.	0
Electrophone UHF CB radio with aerial to RHS	2
Kenworth integral heater/airconditioner	0
Two piece curved windscreen - tinted, laminated safety glass with dual electric variable speed windscreen wipers	0
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 on T4/T6/T9 Aero 50" cab	0
Flat mirrors-heated with Moto mirror LHS & RHS	2
Spotter mirrors below main(2)	1
Power plug in rider's seat base	0
Manual reset circuit breakers on truck and trailer lighting circuits only, fuses used on other circuits	0
Dual port USB power supply	0
Two spare switches in main switch panel (where space permits)	0

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Description	Weight
Delete lighter & ashtray - add a 12V power socket to dashboard (lighter and ashtray will also be deleted from any sleeper except the 1525mm sleeper which will only replace the lighter with a power socket).	0
LED headlights, LED Hi Beam, functional DRL - integrated daytime running lights are functional in this option	2
Wiring & switch - later fitment of driving lights	0
LED Mirror mounted rear facing floodlights - with glare shield	2
LED floodlight bar on the back of the cab/sleeper	2
Door courtesy lights	0
LED stop/tail lights (incl. reverse lights)	0
5 LED marker lights (subject to Kenworth Engineering approval)	0
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
Air suspension pressure gauges (2)	1
Fuel filter restriction gauge	1
Air cleaner restriction gauge for complete intake system	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 sw	0
Adjustable steer column with smart wheel 460mm soft touch	8
20t hydraulic jack & wheelbrace	0
Integral two cup drink holder in dash	0
Back of cab grab handles (non-painted)	0

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Description	Weight
Radiator mounted condensor	0
Seven hood grille bars - in lieu of three grille bars (Euro 5 compliant engines only)	2
Perforated S/Steel grille, externally mounted	0
Central Locking	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
Flywire screen on LH sleeper door	0
Stainless steel sleeper vents x 4 for 50^ / 1270mm /1400mm Aero sleepers	2
Toolbox door in rear of sleeper	5
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.	5
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 2513 plug straight light line	0
Full truck electrical connection - AS 2513 socket mounted at rear of frame	0
Hosetenna right hand side - fixed	0
Manual air tank drain valves	0
Chicago Rawhide Turbo 2000 air dryer	12
Trailer release valve	1

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Description	Weight
TRM (24 volt) - Trailer Response Module	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
12V Semi trailer ABS - socket only - increases to 24V with the selection of 24V TRM. For use with Semi Trailer kit or Combined kit.	0
12V Full truck ABS - socket only - increases to 24V with the selection of 24V TRM or a 24V semi trailer connection (for combined kits). For use with Full Truck kit or Combined kit.	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
450L 625mm dia fuel tank LHF (rpl)	0
450L 625mm dia fuel tank RHF (add)	93
300L 625mm dia fuel tank LHR (add)	68
UPO 145584 - 260L 625MM DIA OIL TANK RH RR	0
170L 625mm diam AdBlue tank RHR (stainless steel) for ISXe5 (60L AdBlue supplied at factory)	11
Single fuel pickup & return with no fuel cooler	0
Frame/Location Options	
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
Air tanks not to be located between drive guards	0
Air tanks not to be located at EOF	0
Paint	
Paint cab stock Ice White (419KEA.KMV2)	0

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Description	Weight
Paint integrated sleeper 1 colour	0
Chassis painted 1 colour	0
PAINT COLOR NUMBER	0
N97020 COLOUR A 419KEA.KMV2 ICE WHITE RIO	
N97350 CHASSIS 419KEA.CPL3 BRIGHT RED	
Miscellaneous	0
Total Weight	9242kg

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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