

Vehicle Summary

	Unit		Chassis	
Model:		W900SAR	Fr Axle Load (kg):	6500
Type:		Prime Mover	Max Front Load (kg):	6500
Description:		SAR Legend	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):	130000
			Distance at Max G.C.M. Load	
Type:			(%):	20
Length (mm):		0	Wheelbase (mm):	5650
Height (mm):		0	Overhang (mm):	1380
Body Weight (kg):		0	Fr Axle to BOC (mm):	3,360
Body Width (mm):		0	Cab to Axle (mm):	2,290
	Trailer		Cab to EOF (mm):	3,670
No. of Trailer Axles:			Overall Comb. Length (mm):	25826
		Tanker		
Type:		(Pump/Blower	Road Conditions:	
		Discharge)		
Length (mm):		20810	Class A (l'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):		26000	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: _____

Unpublished options may require review/approval.
Dimensional and performance data for unpublished options may vary from that displayed in PROSPECTOR.

Printed:	21/06/2023 9:13:03 AM	Complete	Model Number:	W900SAR
Effective Date:	Sep 1, 2021		Quote/DTPO/CO:	Q51203558
Prepared by:	Darren White		Version Number:	40.01

	Description	Weight
Model		
	W900SAR LEGEND III Limited Edition with heritage badging and individually numbered plaque. - Includes radiator, silicon radiator/heater hoses, front axle shock absorbers, PVC covered chassis wiring, grab handles for cab access & at rear of cab/sleeper, traditional extruded fuel tank steps, front tow hitch/hook, rear axle park brakes, colour coded polyester nylon cab & chassis airlines.	8,324
Configuration		
	Single steer + tandem drive (6 x 4)	0
	Tanker	0
	Tanker - Fuel	0
	Tanker (Pump/Blower Discharge)	0
	Prime Mover with B-Double trailers. 2 trailers, each connected via 5th wheel on back of truck or trailer. Up to 26.0m overall length.	0
	Drum trailer brakes with ABS/EBSS on trailer	0
	ADR compliant	0
	B-Double compliant	0
	Interstate (East Coast of Australia)	0
	Australia	0
	Speed Limiter - 100km/hr	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 kit - sleeper	5
	Roll over sensor	0
	Remote push button activation for BIS o nly when BIS is located on LHS	1
	DG document holder on drivers side door	2
	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 oil filters & integral oil cooler. Includes 2000rpm max, Cummins road speed limiter, KW spin on water filter.	0
	Cummins engine painted beige	0
	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.	0

Dual S.S. wrap around exhaust shield (no letters) LEGEND style	0
Dual curved chrome 7" tailpipe - max height	17
Chrome exhaust elbows - dual	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
Dual 406mm cyclopacs/cowl mounted (deep bowl)	0
406mm S.S. air cleaner caps - dual to suit 406mm Cyclopac air cleaners	0
Chrome aircleaner bases (deep bowl) x 2 - 406mm	0
160A isolated alternator (X15/QSK/MX-12V)	0
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, dash 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 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
Transmission oil cooler	0
Heritage isolated gear shift lever with wooden knob, heritage Fuller logo and S.S. LEGEND surround	0
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
Transmission mounted breather	0

Axles & Equipment

MERITOR MFS66-122 (6.6t capacity) (single steer) formerly known as FG941 Includes standard warranty: 24 Months/Unlimited kms (excluding wheel end equipment).	4
Meritor 16.5x5 LA(Q+) front drum brakes (single)	0
Front springs, 7.2t taper leaf (> 9" susp)	0
2 steel piloted front hubs & drums - 285 PCD (MFS66/E1462)	0
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	52

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).

HD (P-type) Meritor rear drum brakes (tandem) per Severe Service	4
Hendrickson PAX 462 10", 21.0T GAWR (Tandem) PRIMAAX EX series Air bag suspension - (With Cast Hanger Brackets) 10" Ride height.	181
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 295/80 R22.5 R154 - 2 steer. Supersedes to 295/80 R22.5 R154ECO. Trucks offline from 24th October 2022 will receive R154ECO in lieu of R154.	-3
Bridgestone 11R22.5 M766 - 310 RPK	0
Alcoa ULTRA ONE 8.25x22.5 285PCD - 2 steer hub pilot (includes polished hub covers)	-45
Alcoa ULTRA ONE 8.25x22.5 285PCD hub pilot	-180
2 Dura-Bright polished 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
Stainless Steel smooth hub covers	0

Frame & Equipment

273mm x 89mm x 9.5mm rails up to 7701mm (0.0621kg/mm/pair of rails)	127
Extended rear suspension insert - From forward suspension crossmember to rear of frame.	68
Taper cut-off / Dolly towing crossmember	18
Temporary FUPS device	-4
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
Battery isolation switch (fuel haul)	8
Reversing alarm	1
Spraysafe Tandem plastic mudguards - Silver	4
Black front mudflap	0
Black rear mudflap	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 corrugations	205
5th Wheel setting Positive 100mm	0
Subframe for LEGEND with 1270mm sleeper box - subframe with air ride suspension for 1360mm cabin with 1270mm modular sleeper	60

Cab & Equipment

SAR LEGEND cab (1360mm) with modular sleeper	0
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Traditional style hood for SAR LEGEND with external mounted air cleaners	0
Ox Blood cab trim, HD diamond pleat vinyl (4444) with black hard trim as standard	0
ISRI 6860/870 PRO, driver seat, Black leather air suspended with L & R arm rests and embroidering	0
Black leather fixed rider seat with no arm rests and embroidering	0
Drivers black lap/sash seat belt	0
Riders black lap/sash seat belt	0
FM/AM radio aerial - roof mounted	0
FM/AM radio & CD, 4 speakers, 2 tweeters CD player obsolete, trucks offline from 3rd April 2023 will be fitted with FM/AM radio only. Ref FYI 2767 for further details.	2
Electraphone UHF CB radio with aerial to LHS	2
Electraphone UHF CB radio with aerial to RHS	2
Kenworth integral heater/airconditioner	0
Two piece flat windscreen including chrome windscreen rubber key - laminated safety glass, 2 wipers	0
Scuff plates with Legend logo & black back plate	0
Traditional door with manual lift window w to RHS	0
Traditional door with manual lift window to LHS	0
Dual round air horns mounted on cab roof with Heritage KW bug decal	0
Flat mirrors - heated with moto mirror LHS & RHS - mirror outline marker with amber cover	0
Two wide vision 8.5" spotter mirrors below main mirrors	0
Power plug in driver's seat riser	0
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
Two spare switches in main switch panel (where space permits)	0
PTO switch - for later fitment of a PTO (Switch only).	0
Cigarette lighter and ashtray (Includes a 5V USB socket) (Note: The cigarette lighter will be replaced with a 12V power socket for C509, C510, T659 and T909 models offline from 25th March, 2022 per FYI 2723)	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 with a maximum current draw of 20A (continuous current draw of 15A only)	0
Utility spotlight x 2 (LHS & RHS)	0
LED Mirror mounted rear facing floodlights - with glare shield	2
Door courtesy lights	0
LEGEND LED tail lights with SS bar and brackets	0
2 bullet style LED marker lights	0
Exterior sunvisor - stainless steel	0
Oil temperature gauge - engine	0
Oil temperature gauge - transmission	0
Oil temperature gauges (2) - tandem axles	0
SCR fluid gauge	0
80mm pyrometer	0
VDO analogue clock	0
Tachometer with integrated engine hourmeter	0
Turbo boost gauge	0

Air suspension pressure gauges (2)	0
Fuel filter restriction gauge	0
Engine coolant temperature gauge	0
Engine oil pressure gauge	0
Low transmission oil pressure warning light (with neutral interlock)	0
Limited edition gauges - chrome bezel, white face, Heritage KW bug	0
Cummins dash mounted cruise control switches	0
Adjustable steering column - 20" steering wheel 4 spoke with Heritage KW bug	0
No jack and wheelbrace	-18
Integral two cup drink holder in dash	0
Rear wall trim with heat pressed Legend logo	0
Back of cab grab handles (non-painted)	0
Copper grill sensor, hood mounted - UNPLUMBED used in conjunction with Roof mounted Condensor.	0
Roof mounted air conditioning condensor	20
Seven hood grille bars - in lieu of three grille bars (Euro 5 compliant engines only)	2
Key lock entry	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
1270mm Aero I sleeper box includes traditional door handles to toolbox doors	475
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
Roof mtd deflector, Aero I WITHOUT side extenders	22

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 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
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 - fixed lead only	2

- 12 Volt nominal, becomes 24 volt when (75500022) "24 Volt Inverter for Trailer Safety systems" is selected. This fixed lead option can be used with Semi Trailer kit or Combined kit.

No Full truck ABS trailer connection (for use with combined kits only)	0
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Fuel Tanks & Equip

Aluminium	0
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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.

Polished finish - Aluminium tanks only	0
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UNPLUMBED 350LTR 625MM DIA FUEL TANK LH F REPLACE	-22
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NPO 625mm LHF fuel tank (Raise NPO)	0
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UNPLUMBED 350L 625MM DIA FUEL TANK RHF RPL	-22
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NPO 625mm RHF fuel tank (Raise NPO)	0
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170L 625mm dia fuel tank LHR (add)	61
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300L 625mm dia fuel tank LHRR (add)	68
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LHR location left free for ice pack 450 mm	0
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450MM GAP FROM 170L LHR FUEL TANK TO TH E START OF THE 350LTR FUEL TANK IN LHRR POSTION	0
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420L 625mm dia fuel tank RHRR (add)	91
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Location code for 300L LHRR	0
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170L 625mm diam AdBlue tank RHR (stainless steel) for X15 (60L AdBlue supplied at factory)	0
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Single fuel pickup & return with fuel cooler	0
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Frame/Location Options

Hydraulic PTO retrofit to u`side of trans.	0
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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)

Air tanks not to be located between drive guards	0
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Paint

Paint cab stock Ice White (419KEA.KMV2)	0
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Paint sleeper box 1 colour	0
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Chassis painted 1 colour	0
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PAINT COLOR NUMBER	0
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N97020 COLOUR A	419KEA.KMV2	Ice White
N97600 AIR SHIELD	419KEA.KMV2	Ice White
N97370 AIR CLEANER	419KEA.KMV2	Ice White
N97350 CHASSIS	419KEA.CPL3	Bright Red

Miscellaneous

s	0
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Total Weight

9660kg

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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Prepared by:	Darren White		Version Number:	40.01