



1. WATER TANKERS

Kador Water Tanks comply with all relevant NSW, Qld industry and Australian standards.

Tanks typically comprise:

- 150/110/75/45/30KL nominal capacity, with multiple baffled compartments and built-in mudguards.
- Square fill point located centrally above rear baffled section with stainless steel grid diffuser and a 600mm high funneled inlet.
- 600 mm high tank top coaming / splash shield from front to rear.
- Rear bolt-on access door.
- Internal monitor feed pipe, blanked off as standard.
- Flange, 100 mm, located on bottom LH corner of tank for tank dump valve.
- Lifting lugs for empty tank removal from truck.
- Standard bar type rock ejectors.
- Steel buttons positioned as per build specification for mounting lights, control boxes, contents gauges and conduit.
- P-clips and bolts are used as standard fasteners.
- Rubber mudflaps fitted in front and behind rear wheel of truck.
- Painting and corrosion protection to Kador standard:
- Manhole to tank front lower for access to paint.
- Kador standard decals.
- Tank top access as set out below

Tanks will be fitted with the following features as standard supply:

2. BODY-UP RESTRAINT

Body up restraint pins for connection for chassis restraint points, comprising:

- Standard body up holding pins complete with holding brackets to contain pins during normal operation. Brackets designed to prevent pins falling out.

3. SPRAY BAR

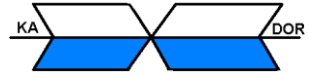
Kador standard galvanised Spray Bar, comprising:

- Provision for five spray heads.
- Three spray head fitted as standard.
- Two 1.25" generic sockets welded to ends for additional hose reel water supply.
- Flange outlet for front truck mounted batter spray supply line. Flange blanked off as standard.
- Provision for fire-fighting outlet.
- Tank suction pipe, externally accessed filter and connection flange to pump.

4. SPRAY BAR FIRE FIGHTING OUTLET

Kador standard fire fighting outlet on rear spray bar. comprising:

- Red stand-off 65NB BSP ball valve and standard fire hydrant outlet fitted to spray bar.



5. SPRAY HEAD SYSTEM

Kador/ Hyden Enviro-spray hydraulic operated spray heads system, comprising:

- Three Magnum hydraulic acting (1019-H) spray heads
- Hyden hydraulic control valves/manifold mounted in SS box on tank.
- Electrical wiring from control box to rear harness.
- Hydraulic hosing and fittings from box to system

6. ROAD SPEED DEPENDENT SPRAY CONTROL SYSTEM

Kador/Hyden Enviro-spray system, comprising:

- Enviro-spray basic system.
- Includes water module c/w filters, motor condition indicator, Stalker pump, main mounting bracket, soft start sequence and electric control system.

The system provides a fully road-speed dependent spray control system – refer following links for further information:

- [Technical](#)
- [Video](#)
- [Presentation](#)

7. LIGHTING

7.1 Kador standard stop/tail/indicator lights mounted on water tank, comprising:

- Total of two rectangular LED stop/tail/indicator combination lights, one on each side of the tank.
- Two stainless steel mounting boxes to house lights mounted on the sides of the tank towards the rear on stainless steel buttons welded to the tank.

7.2 Kador standard water tank beacon light comprising:

- One Hella blue rotating beacon light mounted on top of the stop/tail/indicator light box on the RHS rear of the tank.

7.3 Kador standard fill point light comprising:

- One halogen flood light mounted on RHS front corner of the tank illuminating the fill area.

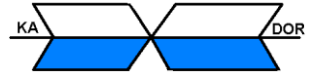
7.4 Kador standard LED clearance lighting comprising:

- Eight Hella LED clearance lights (p/n 2053) fitted to the sides of the tank. Two lights fitted on the outer side of each stop/tail/indicator light box. Two lights fitted to a plate mounted to bosses welded to each side at the front end of the tank.

8. ALARM

Kador standard reversing/backup alarm comprising:

- Reversing alarm on top of the stop/ tail/indicator light box on the LHS rear of the tank.



9. TANK TOP ACCESS

Tank top access, allowing personnel access to top of tank via fold up ladder on front of tank. Access to ladder way is via truck deck.

Installation comprises:

- Fold down handrails.
- Modified tank top coaming to incorporate fold down handrails.
- Decking and handrails to provide maintenance access on top of the tank.

10. LABELS AND IDENTIFICATION

Kador standard tank labelling and identification, comprising:

- SWL labeled tank lifting points.
- Labeled pinch and stand points.
- Appropriate warning labels as identified in risk assessment.

Kador standard machine identification comprising:

- Black background to be painted on both sides and the rear of the tank to allow for the fitment of adhesive machine identification numbers.

11. SPRING REWIND HOSE REEL

Hose reel 25mm fitted to tank or truck

12. REMOTE WATER MONITOR

Kador/Hyden standard Akron remote water monitor and controls comprising:

- A remote water monitor mounted on the front top right corner of the tank.
- In cab electronic remote control unit mounted in cab

13. OPTIONS

The following options can be provided at additional cost:

13.1 Side Control Tilt

Raise & Lower control fitted to side of truck

13.2 Foam & Detergent Auxiliary Tanks

Kador standard internally mounted stainless steel auxiliary tanks, comprising:

- 1000L total capacity stainless steel internal tank with single baffle to split tank into two separate tanks for foam and detergent storage.
- Compartment volumes to be 600L of detergent and 400L of foam.
- Three ground fill points for foam, detergent and overflow with ball valves and cam lock fittings.



13.3 Reversing/Spray Work Lights

Kador reversing/spray work lights, comprising

- Two flood lights mounted on the bottom of the standard stop/tail/indicator light box on each side of the tank.

13.4 Water Level Gauge

Kador/Hyden water level gauge, using rear strut pressure transducers