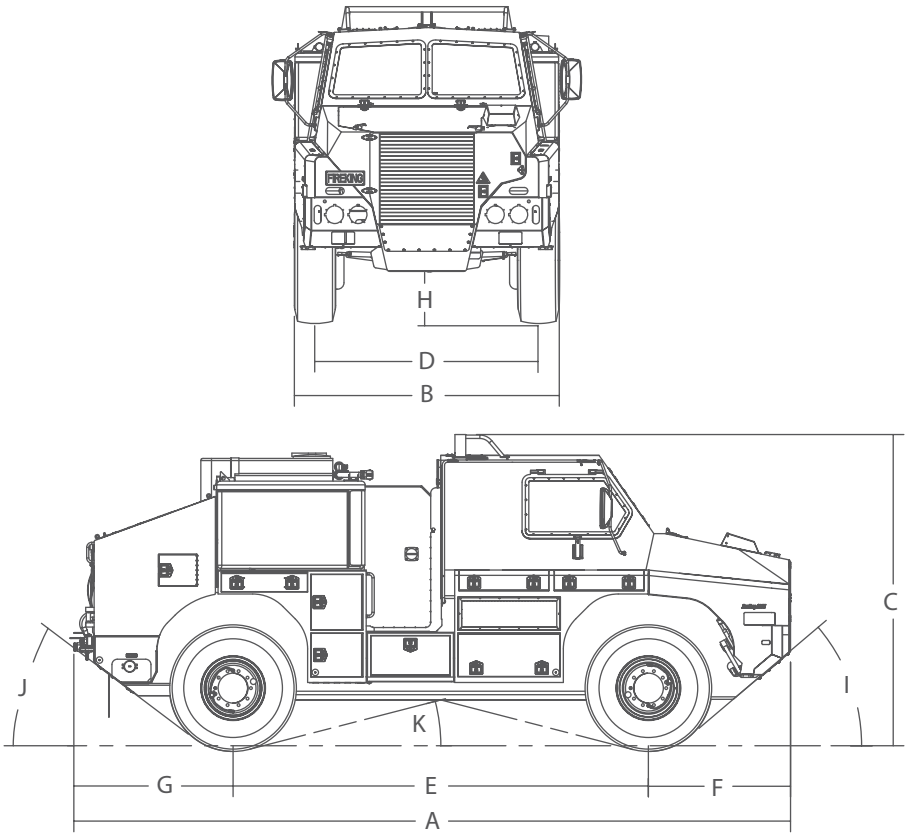
THALES

FIREKING

Outstanding firefighting and crew protection

DIMENSIONS

A Length	6,730 mm
B Width	2,500 mm
C Height	2,920 mm
D Track	2,100 mm
E Wheelbase	3,900 mm
F Front overhang	1,335 mm
G Rear overhang	1,495 mm
H Ground clearance	430 mm
I Approach angle	40°
J Departure angle	37°
K Break over angle	14.5°



FIREKING

>> OUTSTANDING FIREFIGHTING AND CREW PROTECTION

VEHICLE SPECIFICATIONS

Kerb weight	10,200 kg
Gross vehicle mass	14,200 kg
Wheels/tyres	20 x 10/395 85 R20
Power to weight ratio	15.7 kW to 1 tonne (22 hp to 1 ton)
Transmission	6 speed Allison automatic MD 3060PR
Transfer case	Fabco single-speed part-time (optional full-time)
Drive configuration	Two differentials (opt. full-time)
Axles	Rockwell Meritor 4000 series independent suspension
Differential locks	Electrically controlled front/rear
Brakes	Rockwell air operated discs,dual circuit with option for ABS
Fuel capacity	200 L (diesel) with anti-explosion material in-tank
Range	500 km (approx)
Engine	Caterpillar 3126 E six cylinder turbo intercooled diesel developing power of 223 kW (300 hp) and torque of 1166 Nm (860 ft lb)
Suspension	4 wheel, independent coil sprung, double acting shock absorbers
Chassis/body construction	Purpose-built steel monocoque body incorporating chassis and fully enclosed underbody with integrated insulation in key areas
Windows	High temperature glass in all positions with radiant heat blinds
Ventilation	Fully airconditioned with fresh air intake including floor, dash, demister vents and emergency override

Firefighting equipment

Main pump Engine driven through transmission PTO via hydraulic drive constant speed motor

Main pump type Waterous CPK-2. Max flow 2,400 L/min @ 700 kPa (528 gpm @ 100 psi)

Back-up pump 24 volt/2.2 kW electric motor with minimum electrical capacity for 10 minute emergency operation @100 L/min

Priming pump 24 volt/2.2 kW electric positive displacement diaphragm type @ 45 L/min over 5 m head

Pump control On/off controls in cabin, work platform, positions rear of vehicle plus suction control at rear of vehicle

Water tank construction Phenolic resin, internal baffles, overhead sock, suction or hydrant fill with overhead fill, hydrant and tank overflow to rear

Water capacity Main 3,000 L + reserve 700 L

Water reticulation Stainless steel single live pressure manifold to rear of vehicle with full width access, single live pressure supply to service rear platform, front wheel sprays, front path sprays and front cabin spray systems

Hose reels and fittings 3 hydraulically driven live reels plus 1 dead reel - no hose

Work platform Mid-vehicle access from both sides to work platform and cabin

Working positions Rear cabin (mid vehicle) and rear of vehicle

Equipment storage Side-mounted bins both sides, front and storage rear of vehicle

Communications gear, warning light and sirens Provision for installation of customer supplied equipment

11/2006. Thales Australia's Fireking was jointly designed with Timoney Technology Ltd.

Thales Australia - Land Systems
Finn Street, Bendigo, Victoria 3551, Australia.
Tel: +61 (0)3 5440 4342 Fax: +61 (0)3 5442 7405 Web: www.thalesgroup.com.au
ADI Limited trading as Thales Australia ABN 66 008 642 751