

ARFF — AIRPORT RESCUE FIREFIGHTING

Lion 8x8

in partnership with Volkan Makina

Heavy-class ARFF for Category 9–10 operations — twin-engine, 17,000 L water, 2,000 L foam.



OVERVIEW

About the Lion 8x8

The Volkan Lion 8x8 is the flagship ARFF apparatus in the Lion family — Volkan's answer to Category 9–10 operations at major international gateways. Twin Mercedes OM473 engines deliver 1,250 HP combined, each driving an independent PTO-mounted fire pump for pump-and-roll that never compromises. With 17,000 L of water, 2,000 L of foam and 500 kg of DCP on board, the Lion 8x8 brings tremendous firepower to the largest Caribbean airfields. Available as a special-order apparatus via Allen + Co.

KEY BENEFITS

- › 17,000 L water + 2,000 L foam on-board
- › Twin Mercedes OM473 — 1,250 HP combined
- › Independent engine-PTO fire pump
- › MFPN 10-10000 pump with WG 9000 SE turret
- › EURO 6 emissions compliant

WHO IT'S FOR

Airport operators, airlines, air-force stations, industrial safety authorities, mutual-aid partners.



FEATURES

Complete feature list — Lion 8x8

- Twin Mercedes-Benz OM473 engines — 625 HP × 2, 1,250 HP combined
- EURO 6 emissions compliant
- Independent engine-PTO-driven fire-pump architecture
- MFPN 10-10000 Volkan fire pump — 10,000 L/min
- True pump-and-roll — engage the pump at any forward speed
- Composite superstructure with polypropylene hidden tanks
- WG 9000 SE roof turret with 110 m reach
- WG 3000 B SE bumper turret with ground-sweep nozzles
- 500 kg DCP auxiliary agent
- Optional CAFS, Halotron, 3M NOVEC 1230
- Optional Snozzle® HRET
- 360° bird's-eye view + infrared cameras, head-up display
- Optional CTIS + centralised lubrication
- Certified to ICAO and NFPA 414 standards



TECHNICAL SPECIFICATIONS

Full datasheet — Lion 8x8

SPECIFICATION	DETAIL
Configuration	8x8 ARFF · Twin Engine
GVW (max)	Up to 52,000 kg
Engine / Power	2 × Mercedes OM473 · 1,250 HP
Emissions	EURO 6
Transmission	ZF-7 speed full automatic
Water / Foam tanks	17,000 L / 2,000 L
Fire pump	MFPN 10-10000 (10,000 L/min)
Cabin capacity	Up to 1 + 5 firefighters



APPLICATIONS

Where it deploys

The Lion 8x8 is deployed across the Caribbean in the following environments:

- ▶ Category 6–8 regional airfields
- ▶ International gateways
- ▶ Military airbases
- ▶ Industrial facilities
- ▶ Mutual-aid response

LIFECYCLE SUPPORT

Commissioning, 24/7 maintenance, OEM-certified technicians, approved spare parts, upgrades and life-extension programs — all handled by Allen + Co. across the Caribbean. Training is delivered in partnership with FESTI at Toronto Pearson for ARFF and NFPA-aligned certifications.



Allen Co

Caribbean Inc.

LET'S TALK

Ready to modernise your operation?

Artemis House · 67 Fort Street · George Town
Grand Cayman · KY1-1111

+1 (905) 703-6714 • info@allenandco.ca
allenandco.ca



Allen  Co
Caribbean Inc.

+1 (905) 703-6714 • info@allenandco.ca • allenandco.ca

Artemis House · 67 Fort Street
George Town · Grand Cayman
KY1-1111

Scan →
Full catalogue

