

# LAV II-25mm

- Mobility and protection for reconnaissance of the enemy and terrain
- Tactical mobility for effective use of firepower
- Firepower to defeat soft armored targets
- Battlefield survivability to carry out combat missions
- Supportability and affordability



**LAV II-25mm**

**GENERAL DYNAMICS**  
Land Systems-Canada

## GENERAL CHARACTERISTICS

### Size/Weight

Length:	6527 mm	257 in.
Width:	2620 mm	103 in.
Height:	2692 mm	106 in.
Curb weight:	11,680 kg	25,750 lbs
Combat weight:	13,200 kg	29,100 lbs

### Performance @ GVW

Governed speed:	100 kph	62 mph
Swim speed:	10 kph	6.2 mph
Maximum range:	660 km	410 miles
Minimum turn diameter:	15.5 m	51 ft.
Maximum trench crossing:	2 m	6.5 ft.
Maximum grade:	60%	
Maximum side slope:	30%	

### Power Train & Suspension

Engine:	275 hp Detroit Diesel 6V53T
Transmission:	Allison MT653 5 speeds forward 1 reverse
Transfer case:	1
Differentials:	4 automotive 1 water drive
Suspension:	8 wheel independent

- Full time 4 wheel (rear) drive
- Selective 8 wheel drive
- Selective water drive
  - Water drive: 2 propellers  
4 rudders
- Power steering
- Power brakes

### Air Transportability

- (1) C-130
- (2) C-141
- (8) C-5A
- (1) CH-53 (helicopter lift)

### Doors/Hatches

- (2) rear with center post
- (2) rear roof
- (1) driver
- (1) gunner
- (1) vehicle commander
- (1) left-hand side escape
- (1) winch
- (1) power entry

### Towability

- By similar vehicle (with standard towbar MS-500048)

### Fire Suppression

- Halon 1301
- AFES two shot automatically activated

### Electrical System

- 24 volts negative ground:
- waterproof
  - radio suppressed system
  - wiring, connectors, breakers, harnesses IAW MIL-STDs
  - MIL-STD 220 amp alternator
  - 4 batteries per MS 52149E (AT)
  - 500 amp slave receptacle

### Personnel

- 9 total
- (1) driver
  - (1) vehicle commander
  - (1) gunner
  - (6) troops (provision for)

### Armament

- Primary:
- M242 25mm chain gun with Thermal Imaging Sight
- Secondary:
- M240 7.62mm machine gun mounted coaxially to the main gun
- Supplementary:
- MAG58 7.62mm machine gun (pintle mounted)
- Ancillary:
- (2) 76mm Smoke Grenade Launchers (Clusters of 4 launchers each)

### Ammunition

- Ready: (8) 76mm Smoke Grenades  
400 rounds 7.62mm  
210 rounds 25mm
- Stowed: (8) 76mm Smoke Grenades  
800 rounds 7.62mm  
510 rounds 25mm  
300 rounds 5.56mm for Steyr rifles

### Climate Control System

- Air Conditioning

### Anti Tank Guided Missile Wire Cutter

- (1) driver
- (1) turret

### Amphibious

- Fully (with 3 minute preparation)

### On Vehicle Equipment

- Tools, Camouflage nets and Utensils

### Vision

- Driver:
- (3) M-17 periscopes
  - (1) night vision AN/VVS 2 (LAV) GEN III
- Vehicle Commander:
- (7) M-27 periscopes
  - (1) M36/LAV sight consisting of:
    - Day sight
    - Night Sight Elbow (GEN III)
  - (1) Commander's Thermal Display
- Gunner:
- (1) M-27 periscope
  - (1) DTAS-DIM36TH sight consisting of:
    - Thermal Sensor and Display
    - LASER Range Finder/Day sight
- Crew Compartment:
- (6) vision block MIL-B-11352 and MIL-F-62422

### Equipment

- Self-recovery Hydraulic Winch (Front-mounted 15,000 lb. dynamic pull)

### Communication Equipment

- 4 station intercom system
- 2 VHF radios COMSEC ECCM
- 1 HF radio COMSEC ECCM



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[www.gdlsCanada.com](http://www.gdlsCanada.com)

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