

BIONIX

INFANTRY FIGHTING VEHICLES



- **Superior mobility**
- **C-130 deployable**
- **Minimum logistics footprint**
- **Modular armour protection system enhances troop survivability**
- **Vibration isolated floorboard system enhances troop comfort**
- **Technology insertion for future growth**



**Singapore Technologies
Kinetics**

A company of Singapore Technologies Engineering



Bionix 25 & 40/50

Bionix 25

- Top speed of 70 km/h on road and 25 km/h on cross country terrain
- Able to swim
- Seats 10 soldiers
- Has a 25 mm gun and 3 mounted 7.62 mm machine guns
- Equipped with night vision devices
- Weight, Combat loaded: 23,000 kg
- Length: 5.9 m
- Height: 2.6 m
- Width: 2.7 m

Bionix 40/50

- Mounted with a twin weapon station for more flexible response
- Comes with a 40 mm grenade launcher, 0.5 inch and 7.62 mm machine gun
- Seats 11 soldiers
- Weight, Combat loaded: 21,500 kg
- Length: 5.9 m
- Height: 2.6 m
- Width: 2.7 m



Bionix Recovery Vehicle (RCV)

- A support vehicle that repairs and recovers damaged vehicles in challenging terrain with the shortest possible time
- Combination of a 25 tonne winch and 30 metre-tonne crane
- Weight, Combat loaded: 24,000 kg
- Length: 6.1 m
- Width: 2.78 m
- Height: 2.82 m



Bionix Armoured Vehicle Launched Bridge (AVLB)

- A support vehicle that allows the movement of ground forces within the shortest possible time
- Takes less than seven minutes to launch the bridge
- Can be launched from within the crew compartment (commander & driver) under complete armour protection or via remote control using a remote operating panel
- Weight, Combat loaded: 27,900 kg
- Length: 11.2 m
- Width: 3.2 m
- Height: 3.77 m



Bionix Infantry Carrier Vehicle (ICV)

- High system interoperability
- C-130 deployability
- 9-man infantry fighting squad capacity
- Weight, Combat loaded: 23,965 kg
- Length: 6.6 m
- Width: 3 m
- Height: 2.5 m

TECHNICAL

SPECIFICATIONS

Engine	Make and Model Type Fuel Gross Horsepower	DDC 6V 92TA 2-cycle Diesel 475 bhp
Transmission	Type Model Steering Brake Type	Automatic GDSS HMPT 500-3EC Hydrostatic Multi-disc oil-cooled
Performance	Max Road Speed Cross-Country Speed Forward Slope Side Slope Obstacle Trench Crossing Acceleration (0-32 kph)	70 km/h 25 km/h 60% 30% 1 m 2 m 8 secs

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