

 **ST Engineering**
Land Systems

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DOP0918

BRONCO

ALL TERRAIN TRACKED CARRIER



PAYLOAD . PROTECTION . AGILITY

 **ST Engineering**

The BRONCO Family

Bronco All Terrain Tracked Carriers innovatively combine outstanding mobility with proven high survivability (as demonstrated by the Warthog variant) for tactical manoeuvrability and superior protection in the field. Its smart design is modular to allow quick changing of rear mission modules; as well as network-centric to enable future technology insertions.

PAYLOAD

With a lower curb weight than the Warthog, the latest generation of Bronco can take on higher add-on protection and payloads. With a completely re-engineered chassis to maximise the crew's operating space, it has the largest capacity in the Bronco family, accommodating crew and passengers of different body sizes comfortably, giving superior man-machine interface and protection.

PROTECTION

V-shaped hull effectively deflects underbelly blasts while contributing to a stiffer chassis for better all-round protection. Meanwhile its revolutionary camera system allows manipulation of the virtual viewpoint seen by the crew so that they possess clear perception of the situation at any angle around the vehicle, while driving close-hatched, at night or even when the view through the windscreens is obscured.

AGILITY

Being lighter, the latest generation of Bronco is capable of swimming and traversing water obstacles effortlessly at higher STANAG level protection.

LOWER LIFE CYCLE COST

Dollar per kilometre cost comparable to 8x8 Wheeled Infantry Fighting Vehicle.



TECHNICAL SPECIFICATIONS

Dimension	Length	8.60 m
	Width	2.26 m
	Height	2.30 m (front) 2.25 m (rear)
Curb Weight	10,200 kg	
Payload (Depending on equipment/options)	6,300 kg (growth potential to 7,800 kg)	
Passengers	12 (4 front + 8 rear)	
Performance	Maximum Speed	On road 65 km/h
	Gradient	Hard surface 60% (31°) Deep snow 30% (17°)
	Range on roads	500 km
	Swim speed	5 kph
Operating Temperature	Maximum + 49°C Minimum - 46°C	
Engine	Type	6-cyl in-line
	Power	240 kW (325 HP) 2,200 rpm
	Torque	1,300 Nm at 1,200 rpm
Transmission	Type	Automatic 6 speeds forward, 1 reverse
Steering System	Type	Hydrostatic, articulated, damped
	Turning diameter	15.2 m
	Width	0.6 m 4-track drive
Electrical System	Voltage	24 V DC
	Alternator	450 A
Bodies	Material armour steel - Direct fire 7.62 AP up to STANAG level 4 with add-on protection - Add on mine protection classified - CE protection RPG armour system	

Note: Specifications are subject to change by the manufacturer without prior notice.