

MST

MISSILE STABILISED TURRET



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DENEL VEHICLE SYSTEMS



The Missile Stabilised Turret (MST) is a lightweight remote controlled missile stabilised turret, firing the well-known Ingwe anti-tank missile and capable of engaging moving targets from typical 200m to 5 000m, while on the move.

A 7.62mm machine gun for close-up firing is offered as an option. The MST can be fitted on most lightweight vehicles such as the HUMVEE, the RG32 and the Panhard VBL/VBR. The stabilised sight is fitted with day cameras and a 3-5 μ m thermal imager for night capability. The user interface consists of a colour video display unit combined with the system controller and hand controller.

A touch screen provides easy access to selections by means of menu driven graphics overlaid on the video. The operator can lock onto target before launch and also manually override the automated guidance during missile flight, should it be necessary.

The system combines remote firing capability with high performance digital sensors such as the IR camera into optimised space and layout, low weight, battlefield information and easy operator control. Integration on existing vehicle platforms is easy with no structural changes required.

Turret

Mass (Turret Only)	290 kg
Mass (incl. 4 missiles)	420 kg
Elevation Angles	-10° to +25°
Optics and Guidance Unit - Integrated Module specific to Missile	
Power	Input 18 – 32 VDC
Missiles	4x Ingwe (can be adapted to fit other CLOS missiles)

User Interface

Type	Integrated LCD Display with Control Computer
Target Tracking	Integrated Video Auto-tracker
Interface	Soft keys with touch screen, 2x hand grips
Software	Modes programmed according to user
Language	Different language options
Recording	An optional video recording function is available

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