

VOLKAN | 230/105

105 MM BORAN HOWITZER
FIRE CONTROL SYSTEM

#LandandWeaponSystems



VOLKAN 230/105 Fire Control System (FCS) is designed for 105 mm BORAN Howitzer which is a light weight gun that can be carried by helicopters and towed by trucks.



aselsan

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105 MM BORAN HOWITZER FIRE CONTROL SYSTEM

In addition to fire preparation, fire management and fire control missions via computer, Muzzle Velocity Radar (MVR) and Inertial Navigation System (INS), VOLKAN 230/105 FCS provides day and night direct fire capability with electro-optic and laser range finder devices.

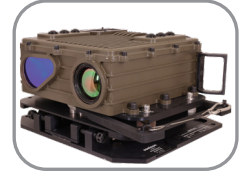
VOLKAN 230/105 FCS can be integrated digitally to other fire support and C4I systems.

System Specifications

- Continuous Positioning and Barrel Guidance Information with INS Targeting with Laser Range Finder and Thermal Sight for Direct Fire
- Muzzle Velocity Radar (MVR)
- Integration to other Digital Fire Support and C4I Systems
- Ballistic Calculation with FCI Data for NABK
- Fire Support Coordination Measures, Air Corridor, Near and Far Crest Violation Check
- Graphical Barrel Aiming
- Digital Map Interface
- Digital Communication via Radio
- 8 hours Continuous Function with Battery
- Portable Generator for Battery
- Power Supply Interface from Trucks and External 220 VAC
- EMI/EMC Measures
- BIT (Built in Test)



Inertial Navigation System (INS)



Direct Fire Sight System (DFSS)



Control and Display Unit (CDU)



Remote Display Unit (RDU)



Muzzle Velocity Radar (MVR)



Power Control Unit (PCU)



Battery Unit



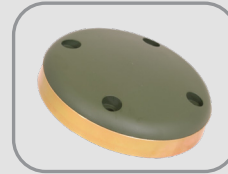
Diesel Generator



Signal Distribution Box (SDB)



Battery Charge Unit



GPSS Antenna

Specifications are subject to change without any notice. | All tolerances are within $\pm 10\%$.

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