



# Elbit Systems - Kinetics

## Line of Business

Systems & Components for Military Vehicles & Aircraft

## Established

1985

## Leading Executives

Mr. Amir Nir  
President

Mr. Avi Hadayo  
V.P. Marketing  
and Business Development

**E**lbit Systems - Kinetics (Kinetics) develops, tests, qualifies and produces systems and components for Main Battle Tanks (MBT), Self Propelled Howitzers (SPH), Armored Fighting Vehicles (AFV, IFV, APC, CPV, NBCRV, etc.) Missiles & Missile Launchers, and the Aerospace Industry.

## Kinetics has extensive experience in:

- Full scale development
- In field and laboratory testing
- Full military qualification
- Full scale production
- Integrated Logistic Support (ILS) Packages

## Primary Products

### Kinetics Life Support Systems (Kinetics LSS)

Kinetics LSS is an integrated, modular and added-on systems including:

- Nuclear-Biological-Chemical (NBC) Protection & Detection
- Air Conditioning & Crew Individual Cooling



- Auxiliary Power Unit (APU)
- Electronics Cooling

The Kinetics LSS is in service in the MERKAVA 3 & 4, PIRANHA 3 & 4, PANDUR 2, AMV, M113, M577 etc.



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## Kinetics Electro-Hydraulic Turret & Kinetics Gun & Missile Launcher Control Systems

Kinetics is a qualified supplier of Turret, Gun & Missile Launcher Control Systems and related assemblies to US DOD, Israel MOD and many other customers worldwide. These include systems for M1A2/A2SEP, M109A1-A5, PALADIN, HIMARS M48A3/A5, M60A1/A3, MERKAVA, etc.

## Kinetics Enhanced Suspension Systems

Enhanced Suspension Systems and upgrading kits including:

- Hydraulic Bumpers / Struts
- Hydraulic Shock Absorbers

## Kinetics Sub-Systems for Military Engines and Power Packs

- Hydraulic and Fuel Manifolds and Valves
- Dust Detection & Filtration Systems
- Exhaust and Air Inlet Systems

## Kinetics Hydraulic, Fuel & Pneumatic Devices for Aircraft & Missiles

- Hydraulic & Fuel, Servo & Thermally Controlled Valve Manifolds
- Hydraulic Pumps and Motors
- Hydraulic & Fuel Filters

- Pneumatic Shut-off, Modulation, Anti-Ice and Blow-off Valves.

These include systems for KC767, KC135R, B737, DC10, MD11, TOMAHAWK, MAVERICK and SIDEWINDER

## Quality Assurance System: ISO 9001-2000

## Seeking

- Development and production programs as prime or sub-contractor
- Collaboration with platform manufactures
- Collaboration comprehensive solution providers