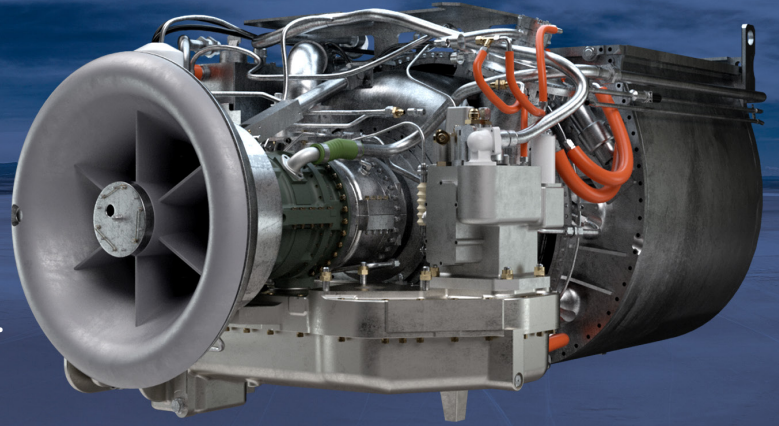


AGT1500 TURBINE ENGINE

Superior power. Demonstrated operation.
Proven battlefield performance.



TURBINE TECHNOLOGY FOR MAIN BATTLE TANK APPLICATIONS

Honeywell's AGT1500 vehicular turbine engine is the proven power source for the M1 Abrams tank. The AGT1500's power, torque, low noise and smoke-less operation provides a lethal edge for U.S. Soldiers and militaries around the world. The AGT1500 has accumulated more than 40 million miles of experience since it was first introduced more than four decades ago. Its compact design, low weight, cold-starting, instant power, multi-fuel capabilities, and stealthy operation are just part of what makes this engine the world standard for tank durability and survivability.

Modular design for on-conditioned maintenance

For potential FMS users, Honeywell can easily maintain the modular engine in OEM controlled Forward Repair Shops. The AGT1500 is made up of four major modules, which can be individually repaired. Where necessary, modules can be diagnosed, separated and even serviced in the field, keeping more tanks operational – for more combat power. Honeywell is a leader in tailoring logistics support packages to meet customer needs.



KEY HONEYWELL ADVANTAGES

- Proven design expertise
> 40 million miles on the M1 Abrams Tank
- 50 years of propulsion system experience
- Industry leader in tailored life cycle support
- Advanced manufacturing, production and materials processing
- Global service and support network
- Six Sigma Plus processes

KEY AGT1500 ADVANTAGES

- Battle proven with inherent turbine advantages
- 1500 shp recuperated gas turbine, twin spool compressor, free power turbine
- Operational in extreme hot/cold conditions
- Compact volume < 48 ft³ (1.35 m³) with modular design
- Instant power with quiet operation
- Multi-fuel operation without adjustments

Honeywell

Fit for Duty: Abrams and AGT1500 Keep Getting Better

The M1 Abrams entered service with the Army in 1980, but don't let its age fool you. The tank – and its powerful and reliable turbine engine – are still fit for duty in the 2020s and beyond.

The U.S. Army and foreign military operators such as Egypt, Kuwait, Morocco, Saudi Arabia, Australia, Iraq, and Taiwan expect to use the Abrams until at least 2050. Most recently, the U.S. committed to send 31 Abrams tanks to Ukraine and approved the sale of 366 tanks to Poland over a multi-year period, with several more orders on the horizon for the world's foremost battle tank.

General Dynamics Land Systems has produced more than 10,000 M1s through its factory in Lima, Ohio. Though its basic design hasn't changed much in four decades, this is not the same tank that dominated in the Persian Gulf War in 1991. It has gone through dozens of upgrades and the latest Abrams M1A2 SEPv3 is safer for crewmembers, more survivable and even more lethal than previous versions.

Like every Abrams tank ever built, the M1A2 SEPv3 relies on the Honeywell AGT1500 to take it anywhere it needs to go under the most grueling of conditions. We've implemented many engine upgrades over the years to improve fuel efficiency, reliability and maintainability. But the transformational change for the AGT1500 was the TIGER program, which launched in 2005.

