

# SUPER HERON HF (Heavy Fuel)

LATEST TECHNOLOGY  
MULTI ROLE MALE



THE BEST JUST GOT BETTER



**When Results Matter**

Israel Aerospace Industries | MALAT | [malat@iai.co.il](mailto:malat@iai.co.il) | [www.iai.co.il/malat](http://www.iai.co.il/malat)

# SUPER HERON HF (Heavy Fuel)

## LATEST TECHNOLOGY MULTI ROLE MALE UAS

IAI is a world leader recognized UAS house:  
over 50 customers worldwide | over 30 years of operational experience | over 1,200,000 flight hours.

### Herons UAS are the leading Multi Role MALE UAS in there class:

- Combat proven with hundreds of thousands of flight hours, serving more than 20 HERON customers
- Best flight performance & payload capacity
- Robust simultaneous multiple payloads capability
- Satellite Communication (SATCOM)
- Proven high MTBF/MTBL and low life cycle cost
- Proven in extreme weather – cold, hot, humid, icy, snowy, and high altitude runway



### Performance

- Mission Radius: LOS > 250 km  
BLOS > 1000 km
- Endurance: up to 45 h
- Ceiling: >30,000 ft
- Loiter Speed: 60-80 kTAS
- Max Speed: >150 kTAS

### Technical Data

- Max. Takeoff Weight (MTOW): 1,450 kg
- Payload Weight: Up to 450 kg
- Wingspan: 17 m

### Super Heron HF Main Features and Capabilities

- Advanced propulsion system - Heavy Fuel engine configuration, fuel injection > 200 hp
- Multiple proven operational configurations
- Proven operational configurations for Intelligence, maritime patrol, persistent surveillance and other missions
- Multi sensor capability – up to six simultaneously, including: **EO/IR/LRF/Laser Designator, SAR/MPR, Hyper spectral, ELINT, COMINT, COM Relay, Comjam, Comint GSM, scanner, Mapping and others**
- Multiple hard points - for various payloads (Fuel tanks, Sigint, Radar and more...)
- Proven safe dual Automatic Takeoff & Landing (ATOL) system
- State-of-the-art avionics and communications
- Proven airspace integration



Israel Aerospace Industries  
MALAT Division  
[www.iai.co.il/malat](http://www.iai.co.il/malat)  
[malat@iai.co.il](mailto:malat@iai.co.il)