

601 Magen [Saar 6] - 2020

Israel

Type: FFL - Corvette

Max Speed: 26 kt

Commissioned: 2020

Length: 90.0 m

Beam: 13.2 m

Draft: 3.2 m

Crew: 70

Displacement: 1075 t

Displacement Full: 1900 t

Propulsion: 1x MTU 12V 1163 TB82 Diesels,

CODAD

Sensors / EW:

- AN/SPS-55 - Radar, Radar, Surface Search & Navigation, Max range: 64.8 km
- EL/M-2221-GM STGR - (Barak FCR) Radar, Radar, Target Indicator, 3D Surface-to-Air & Surface-to-Surface, Max range: 111.1 km
- EDO 796 - (Israel) Hull Sonar, Active/Passive, Hull Sonar, Active/Passive Search & Track, Max range: 29.6 km
- RAN-1010 MBAT [SEWS] - (Rafael, RAN-1101, 1110 or Shark system) ECM, OECM & DECM, Offensive & Defensive ECM, Max range: 0 km
- EL/M-2228(S) 3D AMDR - (Rafael, RAN-1101, 1110 or Shark system) Radar, Radar, Air & Surface Search, 3D Short-Range, Max range: 101.9 km
- MSIS [IR] - (Group, 1991) Infrared, Infrared, Weapon Director Camera, Max range: 37 km
- MSIS [EO] - (Group, 1991) Visual, Visual, Weapon Director TV Camera, Max range: 37 km
- MSIS [Laser Rangefinder] - (Group, 1991) Laser Rangefinder, Laser Rangefinder for Weapon Director, Max range: 0 km
- NS-9003A - (3rd Gen, Assoc w RAN-1010) ESM, ELINT w/ OTH Targeting, Max range: 926 km
- EDO Acoustic Intercept - (3rd Gen, Assoc w RAN-1010) Acoustic Intercept (Active Sonar Warning), Acoustic Intercept, Max range: 66.7 km
- EL/M-2248 MF-STAR - (FCR, AESA) Radar, Radar, FCR, Surface-to-Air, Long-Range, Max range: 324.1 km

Weapons / Loadouts:

- 20mm/70 Oerlikon Mk2 Burst [20 rnds] - Gun. Air Max: 1.5 km. Surface Max: 1.9 km. Land Max: 1.9 km.
- 7.62mm MG Burst [20 rnds] - (Ship & Facility) Gun. Surface Max: 0.4 km. Land Max: 0.4 km.
- 20mm/85 Mk15 Phalanx Blk 1 Burst [300 rnds] - Gun. Air Max: 1.5 km.
- Heatrap Flare - (115mm, Israel) Decoy (Expendable). Surface Max: 1.9 km.
- BT-4 Chaff - (115mm, Israel) Decoy (Expendable). Surface Max: 1.9 km.
- ATC-1 Towed Torpedo Decoy - Decoy (Towed). Surface Max: 1.9 km.
- Wizard Floating Decoy - (Israel, 115mm) Decoy (Expendable). Surface Max: 1.9 km.

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- 76mm/62 Compact HE Burst [4 rnds] - Gun. Air Max: 2.8 km. Surface Max: 11.1 km. Land Max: 11.1 km.
- Barak I - (1997) Guided Weapon. Air Max: 11.1 km.
- Gabriel V - (2010) Guided Weapon. Surface Max: 51.9 km.
- Tamir [Iron Dome] - Guided Weapon. Air Max: 14.8 km.
- 30mm Rafael Typhoon HE Burst [20 rnds] - (Remote weapon stations) Gun. Air Max: 1.9 km. Surface Max: 2.8 km. Land Max: 2.8 km.
- Mk54 LHT Mod 0 - (2004) Torpedo. Subsurface Max: 7.4 km.