

Toreador-class Utility Space Vessel

A SM+8 Vessel designed as a low cost utility spaceship that can carry freight and cargo. It is unstreamlined and has basic but not uncomfortable accommodations. These vessels are generally operated by small passenger/freight lines and older models are in use by a myriad of free traders. At 0.3G thrust this vessel can do the Earth-Mars run (average separation) in seven days. The vessel carries enough reaction mass for a round trip (Earth - Mars) or equivalent at 0.3G Burn. At lower accelerations the fuel will last proportionally longer.

Front Hull	System
[1]	Armour: Light Alloy, Unstreamlined, dDR 7, \$0.5m
[2]	Habitat: 6 Cabins (6 Bunkrooms – 24 Passengers), \$1m
[3]	Habitat: 6 Cabins (6 Second Class Cabins – 12 Passengers), \$1m
[4]	Habitat: 6 Cabins (6 Cabins for Crew – 8 Crew), \$1m
[5]	Habitat: 6 Cabins (Sickbay, Minifac, 20 tons Steerage Cargo).
[6]	Bridge: Complexity 8, Control Stations: 5, Comm/Sensor: 4, \$2m

Centre Hull	System
[1]	Armour: Light Alloy, Unstreamlined, dDR 7, \$0.5m
[2]	Cargo: 50 tons
[3]	Cargo: 50 tons
[4]	Cargo: 50 tons
[5]	Cargo: 50 tons
[6]	Cargo: 50 tons
[core]	Cargo: 50 tons

Rear Hull	System
[1]	Armour: Light Alloy, Unstreamlined, dDR 7, \$0.5m
[2]	Engine Room: 1 workstation, \$0.3m
[3]	Fuel Tank: Water 50 tons \$0.3m
[4]	Fuel Tank: Water 50 tons \$0.3m
[5]	Fuel Tank: Pelletised Fuel: 50 tons (most of this is shielding) \$0.3m
[6!]	Epstein Drive: 0.3G Acceleration (Overboost to 2G)
[core]	Fusion Reactor: Derated to 1 Power Point, \$5m

TL	Spacecraft	dST/HT	Hnd/SR	HT	Move	LWt.	Load	SM	Occ	dDR	Range	Cost
9	Toreador-class	70	-1/5	12	0.3/c	1000	304.4	+8	44	7	0	13.7m

Atmospheric Speed: Not capable of atmospheric flight