

# FAST PASSENGER FOIL-ASSISTED CATAMARAN SF40 PROJECT

**Main Particulars:**

LOA	41.0 m
Beam max	12.4 m
Draught:	
fully loaded at speed	1.2 m
at rest with retracted foils	1.7 m
at rest with foils in operational position	3.4 m
Service speed	55 kn.
Main engines	MTU 12V 4000 M70 (4 x 1740 kW)
Propulsion	MJP Waterjets Type 550 DD+DB
Gensets	2 x 70 kW / 80 kV*A
Range (34t deadweight; 55-kn. speed)	200 n.miles
Overall fuel consumption at service speed	1700 litres/h
Seakeeping	up to 2 m significant wave height at 100% MCR
Passenger capacity	330 (business & economy class cabins)
Deadweight:	35,000 kg
Capacities:	
Fuel oil	10,000 litres
Fresh water	2,000 litres
Septic (Mini-compact sewage treatment)	800 litres
Foils:	Two fully retractable hydraulically controlled forward fully submerged foils made of high-strength titanium alloy
Interceptors:	Two hydraulically controlled transom inter- ceptors made of high-strength titanium alloy
Rudders:	Two hydraulically controlled supplementary suspended rudders made of high-strength titanium alloy providing great control improvement
Hull & Superstructure	1561 type high-quality marine grade aluminium alloy
Classification	DNV or BV



**Number of vessels built: 1**