

FAST PASSENGER CATAMARAN M420 PROJECT

Main particulars:

LOA	42.6 m
Beam max	12.1 m
Molded depth	4.8 m
Draft:	
without Ride Control System	1.8 m
with Ride Control System	2.2 m
Service speed	40 kn
Main engines	MTU 12V 4000 M71 (4 x 1850 kW)
Propulsion	MJP Waterjets Type J550 DD+DB
Gensets	2 x 113kW / 141 kV*A
Range (50 t deadweight; 40 kn)	200 n.miles
Total fuel consumption at service speed	1,770 l/h
Seakeeping	SS5
	no ME power restriction
Passenger capacity	398
Deck cargo	5,200 kg
Crew	10
Deadweight :	50,0 t
Capacities:	
fuel oil	16,000 l
fresh water	2,000 l
septic (Mini-Compact system)	800 l
Ride Control System:	
A-Foils:	two hydraulically controlled A-Foils
Interceptors:	two hydraulically controlled transom interceptors
Hull & Superstructure	1561 marine grade aluminum alloy
Classification	BV or equivalent

