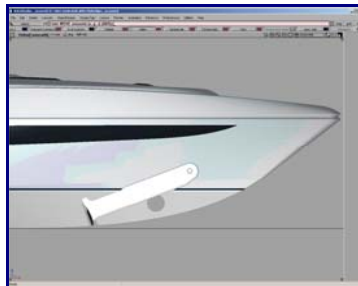


HYDROCEPTOR: FAST LUXURY YACHT K300 PROJECT

Main particulars:

LOA	29.5 m
Beam max	5.9 m
Moulded depth	2.9 m
Draft:	
at speed in foil-borne mode	1.0 m
at rest with retracted foil	1.3 m
at rest with foil in operational position	2.7 m
Speed:	
max	50 kn
continues, non-restricted ME operation	45 kn
economical	35 kn
Main engines	MTU 10V 2000 M93 (3 x 1120 kW)
Propulsion	MJP Waterjets Type 450 DD+SB
Gensets	2 x 45 kW / 56 kV*A
Range (35 kn speed)	
Endurance	3 days
Total fuel consumption at 45 kn speed	620 l/h
Seakeeping:	
with no ME power limit	up to 2.0 m SWH
stay at sea	SS6
Accommodation:	
Master stateroom I	1
Master stateroom II	1
two-bed cabins	2
Crew cabins (2 bed)	2
Capacities:	
fuel oil	10,000 l
fresh water	3,000 l
septic (Mini-Compact sewage treatment)	200 l
Foil & Interceptors Digital Control System	FICS-3M1
Foils:	One fully retractable hydraulically controlled forward fully submerged foil made of high-strength titanium alloy
Interceptors:	Three hydraulically controlled transom interceptors made of high-strength titanium alloy
Rudders:	One hydraulically controlled supplementary suspended rudder made of high-strength titanium alloy providing great control improvement
Hull & Superstructure	Marine grade aluminium alloy
Classification	DNV or equivalent



Design is developed in cooperation with EKM Design (England)