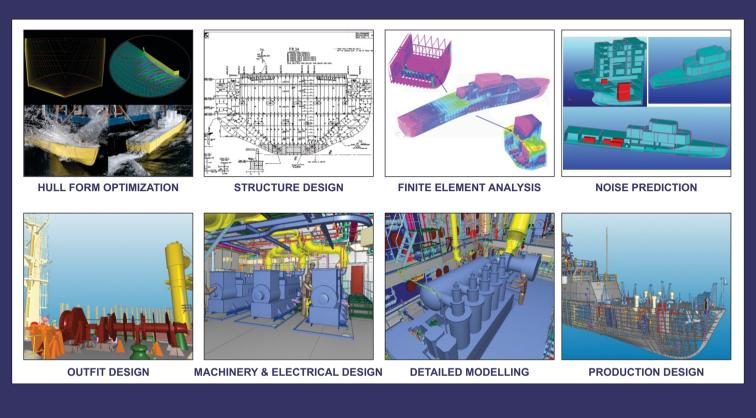


SMART ENGINEERING & DESIGN SOLUTIONS

An ISO 9001:2008 Company

OUR CAPABILITIES





- Napa
- Maxsurf
- Navcad
- ABS Safehull
- CSR Stage I &
- Prime ship hull (CSR)
- BV MARS
- Prime Ship DSA
- ABS DLA/SFA
- Shaft alignment
- LR ShipRight
- Femap
- Nastran
- Patran
- Nupas

- Designer noise
- Cadmatic
- Nestix
- Rhino



Concept Design | Basic Design | Production Design Finite Element Analysis | Repair & Retrofit Design | Preparation of Manuals OUR PROJECTS

50 M FAST PATROL VESSEL



50	m
7.60	m
4.65	m
1.70	m
33	Knots
12	Knots
35	
18	Nos
n 02	Nos (At CSL)
	7.60 4.65 1.70 33 12 35

ANTI-SUBMARINE WARFARE SHALLOW WATER CRAFT



54 M FAST PATROL VESSEL



Length overall	About 70	m
Breadth	About 10	m
Depth	6	m
Draft	About 3	m
Speed	25	Knots
Cruising speed	14	Knots
Complement	About 60	

Length overall	54	m
Breadth	7.60	m
Depth	4.65	m
Draft	1.77	m
Speed	33	Knots
Cruising speed	12	Knots
Complement	About 40	

OFFSHORE PATROL VESSEL



Length overall 105 m Breadth 14.0 m Draft 3.85 m Speed Knots 23 Cruising speed 13 Knots Complement About 130

CADET TRAINING VESSEL



FLEET SUPPORT SHIP



Length overall	110	m
Breadth	17	m
Depth	10.9	m
Draft	4.5	m
Speed	20	Knots
Complement	About 460	

Length overall 200 m Breadth 25 m 14.5 Depth m Draft 10 m 20 Speed Knots Complement About 190

OUR PROJECTS

SEATRANSPORTER (LOG FITTED BULK CARRIER)



SEATRANSPORTER (DUAL FUEL BULK CARRIER)



1200 PASSENGER CUM 1000T CARGO VESSEL



500 PASSENGER CUM 150T CARGO VESSEL



CATAMARAN



CONTAINER SHIP - DUAL FUEL



Length overall	179.9	m
Breadth	30.4	m
Depth	14.75	m
Draft design	9.7	m
Draft scantling	10.2	m
Speed	14.25	Knots
Dwt @ 9.70m	35,000	t
Dwt a@10.20m	37,500	t
Vessels delivered	02	Nos
02 Vessels constructed at 7	īsuji Heavy Ind	dustries - China
Length overall	179.9	m
Breadth	30.4	m
Depth	15.4	m
Draft design	9.7	m
Draft scantling	10.4	m
Speed	14.25	Knots
Dwt	38,000	t
LNG capacity	2,400	m ³

Length overall Breadth Draft Speed Complement Passengers

155 m 21 m 5.9 m 18 Knots About 104 1200

Length overall Breadth Draft Speed Complement Passengers

89.4 m 17.5 m 4.10 m 16 Knots About 66 500

Length overall
Breadth
Depth
Draft
Speed
Passengers

22.5 m 7 m 2.1 m 0.9 m 12 Knots About <u>130 _ </u>

Length overall 186 m Breadth 23.7 m Draft 8.2 m Speed 20 Knots Dwt 16,000 t No. of containers 1,300 TEU LNG capacity 2,600 m³

OUR PROJECTS

LNG CARRIER



COASTAL LNG CARRIER / BUNKER BARGE



INLAND TRANSPORT BARGE



COAL BARGE



Length overall	155	m
Breadth	24	m
Depth	14.75	m
Draft	7.5	m
Speed	14	Knots
Dwt	9,500	t
LNG capacity	15,000	m ³

Length overall	90
Breadth	16
Depth	About
Draft	1.8
Speed	10
Dwt	About
LNG capacity	2,200

16 m About 3 m 1.8 m 10 Knots About 1,000 t 2.200 m³

m

Length overall	60	m
Breadth	16	m
Depth	About 3	m
Draft	1.8	m
Speed	10	Knots
Dwt	About 350	t
LNG trucks	10	TEU

Length overall	94	m
Breadth	16	m
Depth	4.25	m
Draft	2.7	m
Speed	9	Knots
Dwt @ 2.7m	2300	t



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