

SYNERGY
SHIPBUILDERS

ISO 9001:2015



SHIPBUILDERS

Delivering Excellence Since 1988

About Us

Synergy Shipbuilders, delivering excellence since generations, a family-owned company established in 1988 by Mr. Shriram Malik to build and maintain the company's personal fleet of various inland vessels. In 1996 the company experienced tremendous growth in the shipbuilding division marking it as one of the prominent shipbuilders in Goa - India.

Our comprehensive portfolio of maritime services includes shipbuilding, manufacturing and repairs for domestic and international clients. These vessels are built to the best international standards with quality being the utmost important.

We specialize in constructing Landing Crafts (LCT's), AHTS, Passenger boats, Cargo Vessels, Tankers, Tug vessels, Ro-pax aluminium vessel, Unrestricted pleasure craft, Jack up barge, etc.

Achievements

Synergy Shipbuilders has recently exported Twelve world class landing crafts (LCT's) to various clients across the globe. Each of these vessels were manufactured at our yards in Goa and delivered in record time.

We also built two Anchor handling Tug under ABS class of 65T Bollard Pull, which were delivered within 16 months.

We are the first private shipyard in India to build and deliver two 40M aluminium crew boats with 80 passenger capacity each to our clients under ABS Class.

We have built various type of hopper barges and oil tankers. We have built and delivered 600 pax passenger vessels for Goa Tourism Development Corporation.

Today we are the market leader in India in constructing aluminium boats.

Presently building 3 High Speed passenger boats, 3 High speed crew boats, 6 patrol boats, 2 vip boats, 1 pleasure craft.

We have the best infrastructure in Goa to handle all ship building requirements and we adhere to the highest standards of quality in the shipbuilding industry.

Technology

At Synergy Shipbuilders We are Building vessels using Modern Technology, i.e

- CNC cutting machine.
- Using of Submerged Arc welding machine.
- Using of MIG welding machines
- Using of TIG welding machines.
- The most modernized Hydraulic jacks each of 250 tons with a pushing capacity of 12" Outreach. Each workman can operate 6 jacks at a time.
- Class approved Quality Assurance Plan.
- Fabrication of Blocks.
- Use of Airless spray machine for painting.
- Use of pipe and plate bending.
- Use of Modernized Gazettes for Inspection of Welding, Blasting, Painting & other ship building activities.
- We have one 85T hydraulic crane and another 25T crane

Classification Society:

We are constructing vessels under IACS members such as IRS, ABS, RINA, BV etc.

Presently constructing the following vessels:

- Two 650 passenger high speed crafts, speed 40 knots
- One 390 passenger high speed craft, speed 25 knots
- Unrestricted service pleasure craft for commercial diving
- Three number high speed crew transfer vessels
- Two asd harbour tugs
- 6 number security patrol boats



65 Ton Bollard PULL AHTS Tug



TECHNICAL		CLASSIFICATION	ABS
PRINCIPAL PARTICULARS		MACHINERY	
LENGTH OVERALL	40.00 M	MAIN ENGINES	2 x CUMMINS-QSK 60-M, 2x2500 HP
L.B.P	38.00 M	GEAR BOX	ZF W11200, GEAR RATIO (TOTAL) :7.286
BREADTH MOULDED	11.80 M	MAIN GENERATOR	3 x CUMMINS 250KW 380v 3PH/QSK-11DM
DEPTH MOULDED	4.60 M	PROPULSION	FPP
DESIGNED DRAFT	4.00 M	BOW THRUSTER	1 x TT900-FP (180KW)
SPEED	12.5 KNOTS		

65.6 M LANDING CRAFT



TECHNICAL		CLASSIFICATION	ABS
PRINCIPAL PARTICULARS		MACHINERY	
LENGTH OVERALL	65.6 M	MAIN ENGINES	2 x YANMAR ENGINE 6AYM-WET (1618@ 1900 RPM)
L.B.P	61 M	GEAR BOX	2x REINTJES WAF364(4.48:1)
BREADTH MOULDED	14.2 M	MAIN GENERATOR	(2x VOLVO PENTA D7AT-90KW@1500RPM
DEPTH MOULDED	4.200 M	PROPULSION	FPP
DESIGNED DRAFT	3 M	BOW THRUSTER	ZFTT3002FP C/W CUMMINS NTA 855 (298KW @1500RPM)
SPEED	10 KNOTS		

JACK-UP BARGE



TECHNICAL	CLASSIFICATION	IRS
-----------	----------------	-----

PRINCIPAL PARTICULARS	
LENGTH OVERALL	33 M
L.B.P	30 M
BREADTH MOULDED	20.00 M
DEPTH MOULDED	3.00 M
DESIGNED DRAFT	1.80 M

MACHINERY	
LEG LENGTH	4 X 33 M
JACKING SYSTEM	HYDROMASTER
MAIN GENERATOR	CUMMINS 500KVA & 25KVA
PAY LOAD	520 TONS (JACKING CAPACITY)

10 TON ASD TUGBOAT



TECHNICAL	CLASSIFICATION	IRS
-----------	----------------	-----

PRINCIPAL PARTICULARS	
LENGTH OVERALL	21 M
L.B.P	19.75 M
BREADTH MOULDED	7.20 M
DEPTH MOULDED	3.00 M
DESIGNED DRAFT	2.00 M
SPEED	12 KNOTS

MACHINERY	
MAIN ENGINES	CUMMINS , 500BHP
PROPULSION	ASD
MAIN GENERATOR	SIMPSON 30 KW
BOLLARD PULL	10 TONS

650 HSC Aluminum Passenger Vessel



TECHNICAL		CLASSIFICATION	ABS
PRINCIPAL PARTICULARS		MACHINERY	
LENGTH OVERALL	53 M	MAIN ENGINES	2x 3200 kW @ 1800 rpm Rolls Royce MTU
L.B.P	51 M	GEAR BOX	2x ZF 24060 NR2B
BREADTH MOULDED	12.50 M	MAIN GENERATOR(2NOS)	Cummins 110kw each
DEPTH MOULDED	4 M	BOW THRUSTER	2x Waterjets Kongsberg S80-4
DESIGNED DRAFT	1.45 M		
SPEED	40 KNOTS		

23.9 M AL. CATAMARAN EXPLORER YACHT (INDIAS 1ST UNRESTRICTED PLEASURE CRAFT)



TECHNICAL		CLASSIFICATION	IRS
PRINCIPAL PARTICULARS		MACHINERY	
LENGTH OVERALL	23.9 M	MAIN ENGINES	2X1300BHP MTU-ROLLS ROYCE
L.B.P	22.50 M	GEAR BOX	REINJETS
BREADTH MOULDED	12.20 M	MAIN GENERATOR(2NOS)	2X65KW SOLE (SPAIN)
DEPTH MOULDED	4.20 M	PROPULSION	FPP
DESIGNED DRAFT	2.20 M	CREW	9
SPEED	14.5 KNOTS	GUESTS	12

29 - MTR AL. HSC CAT - A CREW BOAT



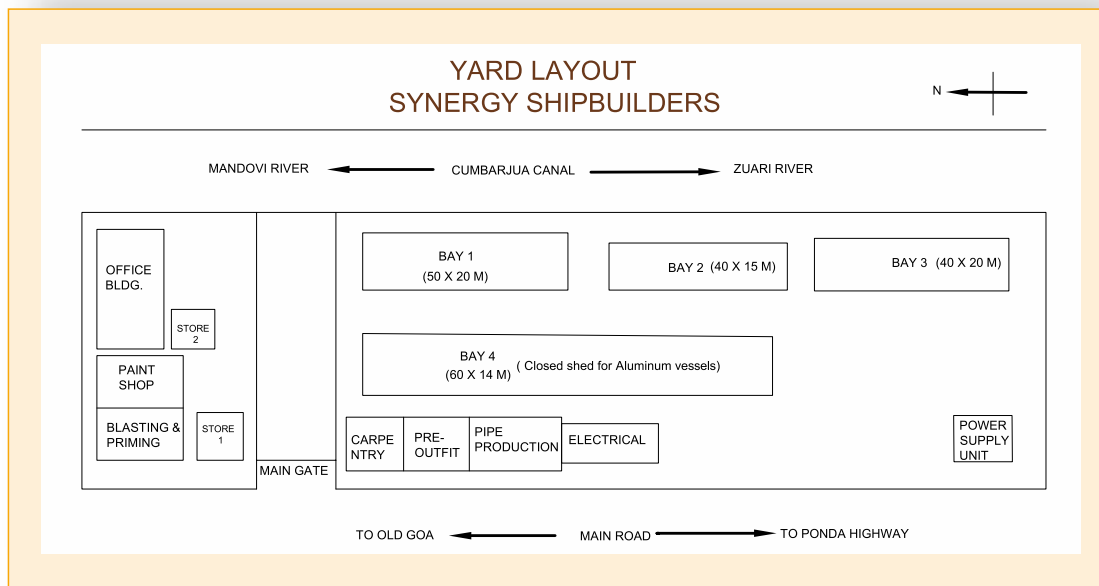
TECHNICAL		CLASSIFICATION	IRS
PRINCIPAL PARTICULARS		MACHINERY	
LENGTH OVERALL	29 M	MAIN ENGINES	2 X CATERPILLAR , 1300BHP
L.B.P	26.87 M	GEAR BOX	REINJETS
BREADTH MOULDED	7.00 M	MAIN GENERATOR	PERKINS 50KW
DEPTH MOULDED	3.20 M	PROPULSION	FPP
DESIGNED DRAFT	1.2 M	PASSENGER	36
SPEED	20 KNOTS	CREW	11

40.38 M High Speed ALUMINIUM CREW BOAT



TECHNICAL		CLASSIFICATION	ABS
PRINCIPAL PARTICULARS		MACHINERY	
LENGTH OVERALL	40.38 M	MAIN ENGINES	(3x) YANMAR -12AYM-WET (3x) 1659HP, 3x1900rpm
L.B.P	38.05 M	GEAR BOX	TWINDISC/MGX6690SC RATIO: 1.88:1
BREADTH MOULDED	7.80 M	MAIN GENERATOR	(2x) VOLVO MARINE/D7AT 2X90KW/50HZ@1500rpm
DEPTH MOULDED	3.40 M	PROPULSION	(3X) FPP
DESIGNED DRAFT	1.30 M	BOW THRUSTER	52KW. ELECTRO-HYDRAULIC @7.5KN THRUST.
SPEED	25 KNOTS (service) / 28 KNOTS (MAX)		

Yard Layout



Yard Details

Yard is approved by ISO & IACS members

The Various Bay Sizes are as follows:

- BAY 1 - 50M x 20M
- BAY 2 - 40M X 15M
- BAY 3 - 40M x 20M
- BAY 4 - 60M x 14M



SYNERGY
SHIPBUILDERS

CORPORATE OFFICE & YARD ADDRESS

Gaundaulim, Cumbarjua, Tiswadi, Illhas -Goa

Mob.: 986 444 8888

Email: info@synergyshipbuilders.com