



Mares Catamarans 45 Fly Bridge Yacht Fish

STANDARD USA SPECIFICATION

PRINCIPAL DIMENSION

LENGTH OVERALL.....	44'-7"(13.59m)
MOLDED HULL LENTH	44'-5" (13.54m)
BEAM.....	15'-00"(4.57m)
DRAFT.....	1'-08"(0.51m)
FUEL CAPACITY.....	450 US Gallons (1,703 liters)
WATER CAPACITY.....	100 US Gallons (378 liters)
BRIDGE CLEARANCE	12'- 3" (3.73M)
WEIGHT.....	31.9IBs 14.5 KG Light Ship
CABIN HEADROOM.....	6'-5" (1.98m)
SLEEPS	6

HULL & DECK CONSTRUCTION

HAND LAID GRP CONSTRUCTION FOR HULL AND SUPERSTRUCTURE
SOLID FIBERGLASS HULL BOTTOM
FIBERGLASS STRUCTURAL STRINGERS
RESIN-INFUSED COMPOSITE CONSTRUCTION USING FOAM CORE WITH
LAYERS OF
FIBERGLASS LAMINATE FOR ALL MAIN BULKHEAD AND FLOORS
FERRO OR EQUIVALENT WHITE GEL COAT
NON SKID FOREDECK, SIDE DECK, AFT DECK AND COCKPIT

HULL AND DECK FITTINGS

ALL EXTERIOR HARDWARE THRU-BOLTED
(2) FOREDECK HATCH (ESCAPE HATCH SIZE)
STAINLESS STEEL BOW RAIL WITH PENNANT STAFF
1" ROUND TYPE STAINLESS STEEL HAND RAIL WITH STANCHIONS FOR
MAIN DECK
AS G.A. DRAWING
DECK SUPERSTRUCTURE BOLTED AND BONDED TO HULL ALONG
BULWARK LINE,
WITH THE JOINT CAPPED IN RUB RAIL

(2) STAINLESS STEEL FAIRLEAD AT BOW
(2) STAINLESS STEEL AMIDSHIPS CLEAT
(2) STAINLESS STEEL CLEAT AT TRANSOM
(2) HAWSE PIPE AT TRANSOM
(2) FENDER HOLDERS
FUEL AND FRESH WATER DECK FILLERS
KSE STANDARD HI QUALITY STAINLESS STEEL DOOR HINGES AND LATCHES
NAVIGATION LIGHTS: PORT, STARBOARD, STEERING, STERN AND ANCHOR AIR HORN
CLEAR TEMPERED GLASS FOR PILOT HOUSE WINDSHIELDS
TINTED TEMPERED GLASS FOR SIDE WINDOWS
TINTED TEMPERED GLASS FOR AFT DECK DOOR
ANCHOR, MOORING & TENDER EQUIPMENT
BOW PULPIT WITH ANCHOR ROLLER
(1) 35 LBS (16 KG) ANCHOR
(1) 150 FT (46 m) 5/16" (8 mm) ANCHOR CHAIN
ANCHOR ROLLER - STAINLESS STEEL CHANNEL WITH NYLON
(1) ANCHOR LOCKER HATCH
STERN GEAR
INERTIA STAINLESS STEEL PROPELLERS WITH THRU HUB EXHAUST
CATHODIC BONDING SYSTEM TO ZINC ANODES FOR SHAFT AND RUDDER ?
STEERING SYSTEM
CUMMINS ZEUS HYDRAULIC STEERING
CUMMINS ZEUS ENGINE THROTTLE CONTROL WITH JOYSTICK FOR UPPER AND LOWER HELM
CUMMINS ZEUS INTEGRATED TRIM TAB AND CONTROL
ENGINE AND DRIVE TRAIN
TWIN CUMMINS ZEUS 3500 WITH CUMMINS QSB 380 HP DIESEL ENGINES WITH INTEGRATED TRANSMISSION AND TROLLING VALVE
BRONZE GEAR CASE WITH BREAKAWAY SKEG
FRESH WATER COOLED ENGINE
RACOR FUEL FILTER AND WATER SEPARATOR FOR ENGINES
ENGINE ALARM FOR LOW OIL PRESSURE AND HIGH TEMPERATURE
ENGINE ROOM
DIRECTLY ACCESS FROM REMOVABLE DECK PANEL FROM COCKPIT
WELL PLANNED ENGINE ROOM
ENGINE MOUNTS ON BLACK MILD STEEL CHANNELS FOR STRENGTH AND VIBRATION ABSORPTION
FWD AND AFT WATERTIGHT BULKHEADS
SOUND AND HEAT INSULATION - BULKHEAD (1 LAYERS) AND CEILING (1 LAYER)
WHITE FRP DIAMOND FLOOR PLATES

NATURAL VENTILATION THROUGH HULL SIDE GRILLS, WITH NATURAL AND FORCED EXTRACTION SYSTEMS

(2) ENGINE ROOM EXTRACTOR FANS OR EQUIVALENT
EMERGENCY AIR INTAKE AND EXTRACTION SHUT OFF
FRESHWATER FILL HOSE FOR ENGINES AND GENERATORS

DUPLEX RECEPTACLES

AC FLUORESCENT LIGHTS

DC LIGHTS

WHITE PAINTED ENGINE ROOM BILGE AND LAZARET

ELECTRICAL SYSTEM

AC 110/220V 60HZ SINGLE PHASE ELECTRICAL SYSTEM

COLOR CODED WIRING FOR EASY IDENTIFICATION AND **PER ABYC STANDARD**

(2) 200 AH WET CELL BATTERIES EXCLUSIVELY FOR ENGINE START

(1) 120 AH WET CELL BATTERIES FOR GENERATOR START;

(2) 200 AH WET CELL BATTERIES **FOR DC 12V** DOMESTIC SERVICE

CLOSED ACID-PROOF FIBERGLASS BATTER BOX WITH COVER AND VENT HOSE

BATTERY SELECTOR SWITCHES

(1) MASTER VOLT IVO SMART 12/35 AUTOMATIC BATTERY CHARGER

(1) MASTERVOLT MASS COMBI 12/1200-60 INVERTER / CHARGER

BATTERY PARALLEL SYSTEM FOR MAIN ENGINES AND GENERATOR START

ENGINE ALTERNATORS CHARGE VIA DIODE SYSTEM TO ISOLATE ENGINE START

BATTERIES FROM DOMESTIC SERVICE

(1) ONAN e-QD 8.5 Kw / 60 Hz SINGLE PHASE GENERATOR WITH SOUND SHIELD,

RACOR FILTER, MUFFLER AND GAS & WATER SEPARATOR

MAIN ELECTRICAL PANEL INCLUDES SEPARATE AC POWER CONTROL AND AC

CIRCUIT BREAKER PANEL

DC 12 / 24 VOLT DC MONITORING & MAIN CIRCUIT BREAKER PANEL

ELECTRICAL PANELS WITH BACK LIGHTING

(1) 60 AMP AC TO DC POWER CONVERTER

(1) 50 AMP HUBBELL SHORE POWER INLET WITH (1) 50 FT (15.24 M) CABLE IN BUILT IN LOCKER AT TRANSOM

DYNA PLATE GROUND SYSTEM

GALVANIC ISOLATOR

INTERNAL BONDING SYSTEM

DC 12V LIGHTS THROUGHOUT

HIGH QUALITY LIGHT SWITCH

HIGH QUALITY AC SOCKETS

FUEL SYSTEM

A TOTAL OF **450 US GALLONS (1,703 LITERS)** OF FUEL CAPACITY IN ALUMINUM FUEL TANKS

USCG-A2 COMPLIANT FUEL PIPE

DECK FILL FOR FUEL TANKS

MANUAL FUEL SHUT OFF VALVES OUTSIDE OF ENGINE ROOM

FUEL SIGHT GAUGES

FUEL GAUGES AT LOWER HELM

(1) ELECTRIC FUEL TRANSFER PUMP

BILGE SYSTEM

(4) AUTOMATIC ELECTRIC BILGE PUMP WITH MANUAL OVERRIDE

FLOATING SWITCHES TO EACH COMPARTMENT

HIGH WATER LEVEL ALARM FOR EACH COMPARTMENT WITH INDICATOR ON BOAT

INDICATOR PANEL

(2) MANUAL BILGE PUMP IN ENGINE ROOM

DC LIGHTS TO ALL BILGE AREA

SEAWATER SYSTEM

HIGH QUALITY SEA WATER STRAINERS FOR ALL SEA WATER INLETS

SEA COCKS TO ALL UNDERWATER FITTINGS

BRONZE THROUGH HULL FITTINGS WITH GATE VALVE

FRESH WATER SYSTEM

100 US GALLONS (378 LITERS) OF FRESH WATER TANK

WATER LEVEL SIGHT GAUGE(S)

ELECTRIC WATER LEVEL GAUGE AT MAIN HELM

DECK FILL FOR FRESH WATER TANK

(1) CITY / SHORE WATER INLET WITH PRESSURE REGULATOR

KITEC FRESH WATER PIPE LINE

ITT JABSCO® FRESH WATER SYSTEM -VARIABLE SPEED DRIVE PUMP

SENSOR,* MAX

™, 4.5 GALLON/MINUTE (17 LITER PER MINUTE) FLOW RATE, HIGH FLOW FILTER OR

EQUIVALENT

(1) **20 GAL** HOT WATER HEATER

BLACK AND GRAY WATER SYSTEM

(1) FRP HOLDING TANK WITH INDICATOR AT MAIN ELECTRICAL PANEL

MACERATOR PUMP FOR HOLDING TANK

Y VALVE FOR DOCKSIDE PUMP OUT FROM HOLDING TANK

HOLDING TANK LEVEL GAUGE NEXT TO LOWER HELM STATION

(2) DC 12 / 24V ELECTRICAL TOILET WITH CONTROL PANELS FOR HEADS

DC 24V OR EQUIVALENT SUMP PUMPS IN INDEPENDENT SUMP TANK

(2) INDEPENDENT FIBER GLASS SUMP TANK WITH TINTED CLEAR COVER AND

INSPECTION HATCH

WATER & WASTE LINES TO ABYC STANDARD

AIR CONDITIONING AND HEATING SYSTEM

AIR CONDITIONING / REVERSE CYCLE HEATING SYSTEM INCLUDING 12,000 BTU X 2

FOR GUEST CABINS AND 16,000 BTU X 2 FOR SALON AND GALLERY

DIGITAL CONTROL

AIR CONDITIONING COMPRESSOR THROUGH HULL AT TRANSOM

EMERGENCY & FIRE FIGHTING EQUIPMENT

SEA FIRE FD700 (FM200) FIRE EXTINGUISHER SYSTEM

SEA FIRE CARBON MONOXIDE (CO) DETECTOR FOR ENGINE ROOM, MAIN DECK AND

GUEST CABIN

FLYBRIDGE

SELF-DRAINING DECK

DESIGN PER G.A. DRAWING

MOLDED FIBERGLASS SEATING WITH CUSHION AND STORAGE AS G.A. DRAWING*

(1) GRP TABLE TOP ON STAINLESS STEEL PEDESTAL WITH SLIDING MECHANISM

BRIDGE SUN PAD

WHITE VINYL FOR EXTERIOR CUSHIONS

MOLDED FIBERGLASS RADAR ARCH AS G.A. DRAWING*

STAINLESS STEEL ANCHOR LIGHTS BRACKET

LEXAN TINTED WIND DEFLECTOR SCREEN WITH STAINLESS STEEL FRAME

MOLDED STAIRWAY WITH NON-SKID FINISH STEPS FOR DIRECT ACCESS TO FLYBRIDGE FROM AFT DECK

SAFETY RAIL FOR ARCH AND SUN PAD AREA

LOWER LEVEL FLY BRIDGE LIGHTING

COVER FOR EXTERIOR FURNITURE INCLUDING SEAT, TABLE TOP AND SUN PAD

FLY BRIDGE HELM

MOLDED INSTRUMENT CONSOLE WITH LOCKER*

MOLDED HELMSMAN BENCH WITH STORAGE UNDERNEATH*

WHITE VINYL FOR CUSHIONS OF HELMSMAN BENCH

COVER FOR INSTRUMENT CONSOLE AND HELMSMAN BENCH

HYDRAULIC POWER STEERING

HIGH QUALITY STEERING WHEEL

ENGINE INSTRUMENT

ENGINE THROTTLE CONTROL

TRIM TAB CONTROL

ANCHOR WINDLASS CONTROL (WITH OPTION PACKAGE)

HORN CONTROL

NAVIGATION LIGHTS SWITCH
LIGHTS SWITCHES
ENGINE ROOM FAN SWITCH
(1) GFI POWER SOCKET
BILGE PUMP CONTROLS WITH INTEGRAL OPERATING WARNING LIGHTS
AND AUDIBLE ALARMS
SEA FIRE FIRE EXTINGUISHER ALARM AND TEST PANEL
(1) 12V POWER POINT
HELM POSITION INDICATOR
AFT DECK / COCKPIT AND SWIM PLATFORM
FIBERGLASS BENCH SEATING WITH CUSHION
WHITE VINYL FOR EXTERIOR CUSHIONS
STORAGE UNDER FIBERGLASS BENCH SEATING
STAIRWAY TO FOREDECK
TRANSOM GATE
REMOVABLE DECK HATCH AND LADDER TO ACCESS ENGINE ROOM AND
LAZARETTE
HAND-HELD SHOWER WITH HOT AND COLD WATER
(1) FRESH WATER WASH DOWN OUTLET
OVERHEAD LIGHTING
(2) OVERHEAD SPEAKER CONNECT TO AUDIO SYSTEM IN MAIN SALON
(2) GFI POWER SOCKET
COVER FOR EXTERIOR FURNITURE INCLUDING SEAT AND TABLE TOP
SWIM PLATFORM INTEGRAL TO HULL AND DECK
SAFETY TRANSOM GRAB RAIL
REMOVABLE SWIM LADDER
INTERIOR FURNISHINGS GENERAL
LAYOUT PER G.A. DRAWING
SYNTHETIC WOOD AND VINYL FINISH INTERIOR
SATIN CABINETS FINISH
PUSH / PULL GERMAN LATCHES - CHROME
ITALIAN DOOR HANDLE PACKAGE - CHROME
MAIN HELM STATION
HELM STATION WITH EASY ACCESS TO DASHBOARD CONTROL
BLACK VINYL UPHOLSTERED HELM INSTRUMENT CONSOLE
BLACK VINYL UPHOLSTERED HELMSMAN BENCH
HYDRAULIC POWER STEERING
CAR SIZE STEERING WHEEL
ENGINE INSTRUMENT
ENGINE THROTTLE CONTROL
GENERATOR REMOTE START / STOP
TRIM TAB CONTROL
WINDLASS CONTROL

HORN CONTROL
NAVIGATION LIGHTS BREAKER SWITCH
ENGINE ROOM FAN SWITCH
SEA FIRE. FIRE EXTINGUISHER ALARM AND TEST PANEL
BILGE PUMP CONTROLS WITH INTEGRAL OPERATING WARNING LIGHTS
AND AUDIBLE ALARMS
HOLDING TANK INDICATOR
MAGNETIC COMPASS OR EQUIVALENT
MASTER ELECTRIC CONTROL PANEL WITH AC AND DC CIRCUIT BREAKERS
3 VARIABLE SPEED WINDSCREEN WIPERS (PANTOGRAPH TYPE) WITH
WASHER
ROCKER SWITCH CONTROLS
(1) 12V POWER POINT
DRINK HOLDERS
HELM POSITION INDICATOR
MAIN SALON / DINING AREA
LAYOUT AS G.A. DRAWING
WHITE VINYL PANEL WALL PANELING AND BULKHEAD
MOLDED STORAGE CABINETS WITH SHELVES
TELEVISION CABINET ? pop up
U-SHAPED LEATHER SOFA WITH STORAGE UNDERNEATH
(1) TABLE WITH MANUALLY ADJUST HI / LOW TABLE
(2) SINGLE LEATHER SOFA
VINYL FINISH FLOOR
CURTAINS OR BLINDS WITH QUALITY FABRICS
MANUAL STAINLESS STEEL FRAMED SLIDING DOOR TO AFT DECK WITH
TINTED GLASS
LIGHT SWITCHES
AC POWER SOCKETS
AM/FM/CD/DVD PLAYABLE CAR STEREO WITH (4) SPEAKERS
INSTALL OWNER SUPPLIED TELEVISION
AIR CONDITIONING CONTROLS
AIR CONDITIONING VENTS
(1) 26" LCD TELEVISION
(1) HOME CINEMA SYSTEM WITH CD/DVD PLAYER, AM/FM RADIO,
SPEAKERS AND SUBWOOFER
GALLEY AREA
LAYOUT AS G.A. DRAWING
WHITE VINYL PANEL WALL PANELING AND BULKHEAD
STORAGE CABINETS
CORIAN WORK TOP AND BACK SPLASH
STAINLESS STEEL GALLEY SINK
GROHE EURO PLUS OR EQUIVALENT SINK FAUCET

(1) TWO RING ELECTRIC HOB
(1) MICROWAVE OVEN
(1) BAR TYPE FRIDGE FREEZER

GLASS HOLDERS

VINYL FINISH FLOOR

LIGHT SWITCHES

AC POWER SOCKETS

(2) GFI POWER SOCKET

MASTER STATEROOM

LAYOUT AS G.A. DRAWING

WOOD VENEER OR WHITE VINYL WALL PANELING AND BULKHEAD

STORAGE CABINET WITH DRAWERS AND WOOD VENEER TOP

LARGE DOUBLE BED WITH 5" FOAM MATTRESS, PILLOWS AND BEDSPREAD

STORAGE UNDER BED

UPHOLSTERED HEADBOARD WITH QUALITY FABRIC

CEDAR-LINED WARDROBE WITH LIGHT

CARPET FLOOR

FIX PORTHOLE WITH CURTAINS

OVERHEAD WINDOW WITH CURTAIN

WHITE VINYL HEADLINER PANEL WITH OVERHEAD LIGHTS

LIGHT SWITCHES

(2) AC POWER SOCKETS

AIR CONDITION CONTROL

MASTER BATHROOM

FULLY MOLDED BATHROOM AND SHOWER WITH STORAGE CABINETS

LAYOUT AS G.A. DRAWING

DIRECT ACCESS FROM MASTER STATEROOM

STORAGE CABINET WITH MIRROR

(1) SINK

(1) SINK FAUCET

VINYL BATHROOM FLOOR

(1) FIX PORTHOLE

(1) TOILET

(1) TOILET PAPER HOLDER

(1) TOWEL BAR

(1) EXTRACTOR FAN

LIGHT SWITCHES

(2) AC POWER SOCKETS

WALK-IN SHOWER

GROHE EURO PLUS OR EQUIVALENT SHOWER SET

NON SKID SHOWER FLOOR

ITAL FOLDING SHOWER DOOR

MOLDED FRP SHOWER SEAT

GUEST STATEROOM

LAYOUT AS G.A. DRAWING

WOOD VENEER OR WHITE VINYL WALL PANELING AND BULKHEAD

STORAGE CABINET WITH DRAWERS AND WOOD VENEER TOP

TWIN BED WITH 5" FOAM MATTRESS, PILLOWS AND BEDSPREAD

STORAGE UNDER BED

UPHOLSTERED HEADBOARD WITH QUALITY FABRIC

CEDAR-LINED WARDROBE WITH LIGHT

CARPET FLOOR

FIX PORTHOLE WITH CURTAINS

OVERHEAD WINDOW WITH CURTAIN

WHITE VINYL HEADLINER PANEL WITH OVERHEAD LIGHTS

LIGHT SWITCHES

(2) AC POWER SOCKETS

AIR CONDITION CONTROL

GUEST BATHROOM

FULLY MOLDED BATHROOM AND SHOWER WITH STORAGE CABINETS

LAYOUT AS G.A. DRAWING

DIRECT ACCESS FROM GUEST STATEROOM

STORAGE CABINET WITH MIRROR

(1) SINK

(1) SINK FAUCET

VINYL BATHROOM FLOOR

(1) FIX PORTHOLE

(1) TOILET

(1) TOILET PAPER HOLDER

(1) TOWEL BAR

(1) EXTRACTOR FAN

LIGHT SWITCHES

(2) AC POWER SOCKETS

WALK-IN SHOWER

GROHE EURO PLUS OR EQUIVALENT SHOWER SET

NON SKID SHOWER FLOOR

ITAL FOLDING SHOWER DOOR

MOLDED FRP SHOWER SEAT

OTHER ITEMS SUPPLIED AS STANDARD

DOCKSIDE SHORE TELEVISION / TELEPHONE CONNECTION

AM/FM RADIO ANTENNA

FLY SCREEN FOR ALL OPEN ABLE PORTHOLE

FRONT WINDSHIELD COVER - BLACK MESH

OWNERS MANUAL IN ENGLISH

OCEAN SEA-TRIAL

REMARK

OPTIONAL EQUIPMENT AND ACCESSORIES MUST BE ORDERED PRIOR TO COMMENCEMENT OF CONSTRUCTION. ANY LATE REQUEST FOR ADDITIONAL OPTION WILL REQUIRE AN ADDITIONAL CHARGE

ALL TECHNICAL DATA PROVIDED IS ESTIMATED ONLY AND ARE NOT WARRANTED. THESE DATA MAY VARY DEPENDING ON PRODUCTION TOLERANCES, CHANGES TO THE SPECIFICATION, CHANGES TO THE INTERIOR LAYOUT, OWNER'S EQUIPMENT SUPPLIED AND CREW ONBOARD

BUILDER RESERVES THE RIGHT TO MAKE CHANGES AT ANY TIME, WITHOUT NOTICE, IN DESIGN, DIMENSION, PRICES, MATERIAL, SPECIFICATIONS AND EQUIPMENT

GENERATOR(S) SPECIFIED ARE NOT INTENDED TO SUPPLY POWER FOR ALL STANDARD AND OPTIONAL ACCESSORIES

SIMULTANEOUSLY LOAD MUST BE LIMITED TO GENERATOR(S) OUTPUT RATING