

# Specifications

## GENERAL SPECIFICATIONS

M 30 ONE DESIGN

BY

USWatercraft Portsmouth Rhode Island, USA

LOA	30.94 FT	9.43 M
DWL	27.56 FT	8.40 M
BEAM	10.10 FT	3.07 M
DRAFT	6.9 FT	2.10 M
DISPLACEMENT	4,548 LBS	2,063 KG
BALLAST	2,095 LBS	950.2 KG

## DESIGN

### FARR YACHT DESIGN

Construction

E-GLASS, PVC foam core and epoxy composite, wet pre-preg, post cures

White gelcoat deck and hull

Mechanical

Diesel engine: Yanmar Sail Drive 10hp

Two blade folding propeller

Fuel tank 35 litre

Fuel filter – water separator

Single lever throttle and clutch controls

Electrical

12 volt DC distribution panel

Circuit breakers of appropriate amperage

Main battery switches

Battery: 65 amp hour (2)

Wiring for 2 batteries

Alternator: 45 amp on engine

Navigation lights

Plumbing and Stove

Water tank – 55 litre (1)

Gallery sink with manual pump, overboard drain

Manual bilge pump (cockpit mounted)

Stove - 1 burner butane

Head/Portapotti type

Deck Hardware

Winches:

Standard Package

- Primaries Harken 40, 2 speed (2)
- Utility Halyards Harken 32/2, 2 speed self tailing (2)
- Winch Handles Harken 8" AL lock-in (2)

Deck Hardware by Harken

Forward opening hatch

Opening ports in cockpit (2 each)

Pulpits – Bow and stern custom stainless steel

Lifelines – Upper and lower 1x19 S/S wire

Stanchions – 2 tapered and 4 tapered with inboard braces

Rope clutches for halyards

Main halyard lock

Jib tracks – adjustable tracks port and starboard

Mainsheet traveller system

Mainsheet controls 4:1 coarse and 14:1 fine tune

Steering

Autoclave carbon rubber stock with epoxy/s – glass blade

Upper and lower rudder bearings

Custom tiller and hiking stick

Spars and Rigging

Carbon fractional rig with 2 carbon swept back spreaders

Aluminium extruded boom

Outhaul lead aft to pit

Rigid Vang – 8:1 Spectra lead aft port and starboard

Carbon spinnaker pole

Standing rigging:

- discontinuous rod
- 1 x 19 Diagonals
- Kevlar permanent backstay adjuster 16:1

Twin groove headfoil

Running Rigging

1 Main halyard 5/16" Yale Aracom-T with a wire pig tail and Wichard 91433 shackle

2 Jib Halyard 1/4" Yale Aracom-T with a Ronstan RF6110

1 Spinnaker halyard tapered 5/16" Samson Warspeed Tapered with a Ronstan RF6110

1 Pole lift 1/4" Samson Warspeed tapered with a Ronstan RF6110 shackle

1 Mainsheet 5/16" Samson XLS with an eye

1 Mainsheet fine tune 1/4" Samson XLS with ends whipped

1 Cunningham line 6mm NE finish line with ends whipped

1 Traveler control 1/4" Samson XLS with an eye each end

2 Jib sheet 5/16" Samson XLS with ends whipped

2 Spinnaker sheet tapered 5/16" Samson Warspeed tapered with a Ronstan RF6110 shackle

2 Foreguy 2:1 1/4" Samson Ultra-Lite with ends whipped

2 Afterguy tapered 5/16" Samson Warspeed tapered with a Ronstan RF6110 shackle

#### Miscellaneous

Bottom finish in polyester gelcoat ready to sand and paint

Foils are faired to templates and primed

Interior is finished in matt white polyurethane

One Design

Guaranteed to comply with M 30 One Design Class Rules upon delivery