

FACTSHEET

CYRUS ONE

34.5 METER SEMI - DISPLACEMENT MOTORYACHT



Yacht Specification MY Cyrus One

Length hull overall	: 34,30 meter / 112,5 ft
Length waterline	: 32,36 meter / 106,2 ft
Beam (max)	: 7,10 meter / 23,3 ft
Draft	: 1,65 meter / 5,4 ft
Displacement (100%)	: 150 tonnes / 264.500 lbs
Hull construction	: Composite
Superstructure	: Composite
Exterior paint system	: Hull: Dupont / Superstructure: Awl-Grip
Classification	: RINA Commercial Yacht, MCA LY2 short range (CISR)

Interior woodwork : Cross veneered Anigré
 Number of Owner /Guest cabins.. : 4 (1 Master cabin, 1 VIP cabin and 2 Guest cabins)
 Number of Crew cabins..... : 4 (1 Captain cabin and 3 Crew cabins)

Main engines : 2 x Caterpillar C32, V12
 Power : 1825 hp @ 2300 rpm
 Gearbox..... : ZF Marine - ZF 3055A
 Shaft & propeller..... : BT Marine, 4-blade high skew
 Steering gear..... : Data / Kobelt electro-hydraulic
 Exhaust systems : Halyard / custom
 Speed (maximum / cruise)..... : 22 knots / 13 knots
 Range..... : 2.875 miles at Cruising Speed

Bowthruster : Trac 65hp tunnel
 Stabilisers : Trac Zero-speed
 Windlasses..... : Muir hydraulic VRC-6000
 Capstans : Muir electric VC-4000
 Passerelle : Besenzoni PI383-50
 Tendercrane : Atlas Carbon (removable)

Fuel total capacity..... : 19.000 litres / 5.290 usg
 Fuel daytank capacity : 1.600 litres / 423 usg
 Freshwater capacity : 5.700 litres / 1.507 usg
 Black/grey water capacity..... : 1.700 litres / 450 usg
 Lube oil capacity : 600 litres / 158 usg
 Sludge oil capacity : 1.100 litres / 290 usg
 Watermaker : Idromar, 8.500 l/day / 2.245 usg/day
 Sewage treatment : Hamann Mini-L
 Fuel treatment : Alfa Laval

Electrical system : 230/400 VAC - 50Hz 3-phase, split busbar system
 Generators : Onan generator set, 2x 65kW @ 1.500 rpm
 Control and Monitoring systems... : Alewijnse custom
 Fire fighting system..... : SeaFire FM200 H
 Air conditioning & Heating..... : Marine Air
 Communication systems : Simrad / T&T
 Navigation equipment..... : Furuno / Simrad / KEP
 Galley equipment : Miele Professional
 Entertainment systems : Tijssen custom on-demand

Type : Semi - displacement Motoryacht
 Design & Styling : René van der Velden Design
 Naval Architect : Van Oossanen & Associates
 Builder : Cyrus Yachts