



'ROBAT 902'

Boat Series / Model	Nano 21 / Light
Year of Delivery	2012
Owner	Canal Mooring & Lights Co., Egypt (CML)
Building Yard	Canal Naval Constructions Co., Egypt (CNC)
Application	Line Handling / Hose Handling / Tug Boat
Classification	LRS: A1, Work Boat Mono G1
Hull Material	Aluminium 5083
Length Overall	6.47 m
Beam Overall	2.42 m (With fender)
Draught	0.75 m
Displacement	1.85 t (Light ship)
Bollard Pull	0.5 t
Max. Speed	13 kn (Full load)
Fuel Capacity	100 L
Main Engine / Model	Kubota / SD 467 (Water-cooled diesel engine) 49.8 kW / 67 hp @ 2600 rpm
Gearbox / Model	Twin Disk / TM93A

NANOLIGHT[™] | Open Boat

The NanoLight is a heavy duty versatile aluminium workboat with a water-cooled inboard diesel engine, optimized for medium speed and capable of pulling / pushing force of 0.5 tons.

Main features:

- Unsinkable
- Thick marine Aluminium shell (6 mm)
- Heavy duty, low RPM, inboard diesel
- Mechanical engine control
- Cast iron heavy duty gearbox
- Easy to maintain straight shaft drive with water lubrication
- Large 3 blade propeller
- Propeller protected by keel
- Rope guard
- Large push/pull force
- Extremely fuel efficient
- Stable, soft, dry ride
- Smooth planning transition
- Oversized lifting lugs
- Lloyds Register design approval
- CE design approval
- 100% recyclable hull

Designed by LOMOcean Ltd., New Zealand, the same design team that designed Earthrace and Planet Solar.

The design is Lloyds register approved and the hull can be built under full survey.

