



## The Product

The Optimizer is a mobile hull cleaning unit equipped with an efficient filtration system for macro particle collection. The specially designed brushes ensure gentle cleaning, minimizing abrasion of the antifouling coating while maintaining a clean, fuel-efficient hull.

The Optimizer is a reliable and flexible hull cleaning system. The crew can clean the hull whenever the ship is stationary.

## Deliverables

Mainstay Optimizer  
 Electronics control case (portable)  
 Tether cable  
 Remote controller  
 CCTV computer – video recording system

## Optional Accessories

CCTV: Remote viewing access  
 Mainstay Eye: Reporting system  
 Support: Remote diagnostics

## Technical Data

Applicability	Mobile anti-fouling system - Easy hull cleaning		
Dimensions	Length:	1035	mm
	Width:	724	mm
	Height:	372	mm
	Suction width:	600	mm
	Brush width:	600	mm
	Weight in air:	90	kg
	Weight in water:	-1.00	kg
Performance	Max speed:	20	m/min
	Speed control:	0-20	m/min
	Suction capacity:	0-1200	l/min
	Brush speed:	0-80	rpm
	Thruster speed:	1700	rpm
Piloting	Control unit:	Wireless controller with joystick	
	Vision:	IP-Camera - Front and rear	
	Lighting:	4x LED-light - 2x front and 2x rear	
Power	Power supply:	380-440 V AC, 50/60 Hz, 3-phase	
	Power req.	5.0 kW (Max)	
Wastewater Handling	Alternative 1:	Release into water body	
	Alternative 2:	Filter bag	
	Alternative 3:	Discharge hose compatible - Enables external filtration	
Operating Environment	Corrosion:	Operational in subsea environment	
	Max depth:	25	m



# Mainstay

*The Subsurface Cleaning Specialist*

