

Mahindra
Rise.

powerol
by Mahindra

Power your
BOAT
by

SEA HAWK 



**SEAHAWK range of
marine engines and gensets**



About Mahindra Group

The Mahindra Group is a USD 20.7 billion federation of companies that enables people to rise through innovative mobility solutions, driving rural prosperity, enhancing urban living, nurturing new businesses and fostering communities. It enjoys a leadership position in utility vehicles, information technology, financial services and vacation ownership in India and is the world's largest tractor company, by volume. It also enjoys a strong presence in agribusiness, aerospace, commercial vehicles, components, defence, logistics, real estate, renewable energy, speedboats and steel, amongst other businesses. Headquartered in India, Mahindra employs over 2,40,000 people across 100 countries.

About Mahindra Powerol

The company entered the field of power generation in 2001-02. Starting from FY 2002, the business has grown exponentially to become a Rs.1400 crore business in FY 2017-18. Engines from Mahindra Powerol have made rapid strides and left their mark in the industrial equipment and diesel gensets industry. Currently the engines from range 15hp to 400hp are powering equipment across segments like construction, compressor, pumps, Railway, Marine, Bus AC etc. These engines are known for their compact and robust design for optimum functioning under the most extreme conditions. Engines for Mahindra Powerol are designed & developed at its world class R&D facility in MRV, Chennai.

About Industrial Engines

Mahindra Powerol is one of the leading diesel engine manufacturers in India. These engines are used in various industrial applications.

These made in India engines are specifically designed to suit the application requirement and bring unique features with them to give competitive advantage to equipment.

Major design features :

- Compact design, low NHV levels suitable for running industrial applications
- Proven engine manufactured from the past 15 years
- Robust design for optimal functioning under the most extreme conditions. Can absorb sudden loading and shocks without affecting performance
- High back-up torque at lower rpm levels
- Compact cooling package
- Fuel efficient

Above features complemented with service network spread across country prove to be the winning combination in the market. During the past years, the Mahindra team in collaboration with various esteemed OEMs has been able to provide the country the most efficient and robust industrial solutions.



About Marine Engines & Gensets

With the years of market research, Mahindra is ready with its Mahindra seahawk range of engines and Gensets - specially designed keeping in mind the power, reliability and fuel efficiency needs of Marine customers. The business is further supported by exclusive Marine dealerships in different regions supported by experienced technical staff for hassle free operations.



MAKE IN INDIA

- One of the largest engine manufacturer in India
- A product completely designed and made in India for meeting fishing needs



FUEL EFFICIENT

- 4 valve per cylinder design
- Optimized combustion chamber design



BETTER SERVICEABILITY

- Modular cylinder heads
- Serviceable parts on one side of the engine
- Wet liner arrangement



LOW COST OF OPERATION

- Low cost spares
- Extended overhauling period and higher life
- Longer oil drain period



LOW RESTORATION TIME

- Exclusive marine engine dealerships
- Trained technicians
- Critical parts availability at all dealerships



Marine Engines

2 & 3
Cylinder



No. of cylinders	Engine Model	Power (HP)	Speed (RPM)
2	255DI	24	2400
3	275DI	39	2600

4
Cylinder



No. of Cylinders	Engine Model	Power (HP)	Speed (RPM)
4	575DI	44.5	2300
4	805DI	76	2300
4	110DI	110	2300

6 Cylinder



No. of Cylinders	Power (HP)	Speed (RPM)
6	180	2000
6	230	2200
6	300	2200

Marine Gensets

Gensets



- Single phase and three phase
- Power output @ 1500 rpm
- Alternator insulation class: H
- Control Panel: IP22/24

Available ratings
15 kVA
25 kVA
40 kVA

Peripheral Features

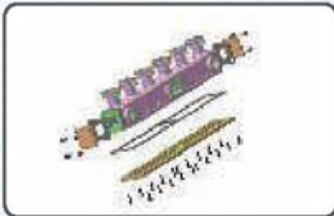


Heat Exchanger

- Cupro Nickel tubes for better corrosion resistance
- Removable core for easy maintenance
- Optimum designed efficient HE

Charged Air Cooler

- Shell & Tube type CAC for better corrosion resistance and longer life
- Cupro-Nickel tubes for better corrosion resistance.



Exhaust Manifold

- Specially designed for marine application -
- capable of handling high continuous operating temperatures
- Cast Iron material for longer life

Sea Water Layout

- All sea water pipelines are made up of copper pipes and brass flanges for longer life and rigid connections



Trouble Free Engine Electricals

- Wiring is well laid out for trouble free installation and maintenance.
- Water proof connectors are used suitable for marine environment.
- Pre fabricated and tested wiring kits is Plug and play, eliminates problems in installing.

Scope of Supply

- Heat Exchanger
- Heat Shielded Manifold
- Sea Water Pump
- Wiring Harness
- Air Filter
- Charged Air Cooler





DEALER NETWORK

Andhra Pradesh & Telungana:	UFD Marine and Offshore Services Pvt. Ltd., Kakinada
West Bengal & Odisha:	Synergy Services, 17, East Midnapore, Contai
Gujarat:	A-One Marine, Mangrol; Trishul Autolink, Rajkot
Maharashtra & Goa:	Boat Company, Palghar
Karnataka, Kerala:	Taurus turbo, Calicut
Tamil Nadu:	Yellow Fin Marine Engines, Ramanadhapuram
Kerala:	Kaval Enterprises, Kochi



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