HELLO, THIS IS
RIMDRIVE

Electric propulsion systems for leisure, commercial and subsea applications.

> Forget exhaust gasses, vibrations and noise.

Purpose

Our purpose is to help as many people and companies as possible with the transition to electric boating.

Quality control

In order to guarantee and monitor the quality of our products, our production, R&D and office is located in the Netherlands. 25 employees.

Worldwide sustainable impact

We are proud that our motors continue to be part of countless projects and applications around the world.

Our team

Designers, engineers, strategists and many more. Rim Drive Technology has more than 25 employees and more than 20 partners around the world.

HISTORY

2016
For the first time we were introduced to rim drive motors.

2017
We gained a lot of experience by working intensively with existing rim drive motors.

2018
We realized all advantages of rim drive motors and detected technology gaps in existing solution.

2019
Founding Rim Drive Technology, building next level Rim Drive motors and performed endurance test runs.

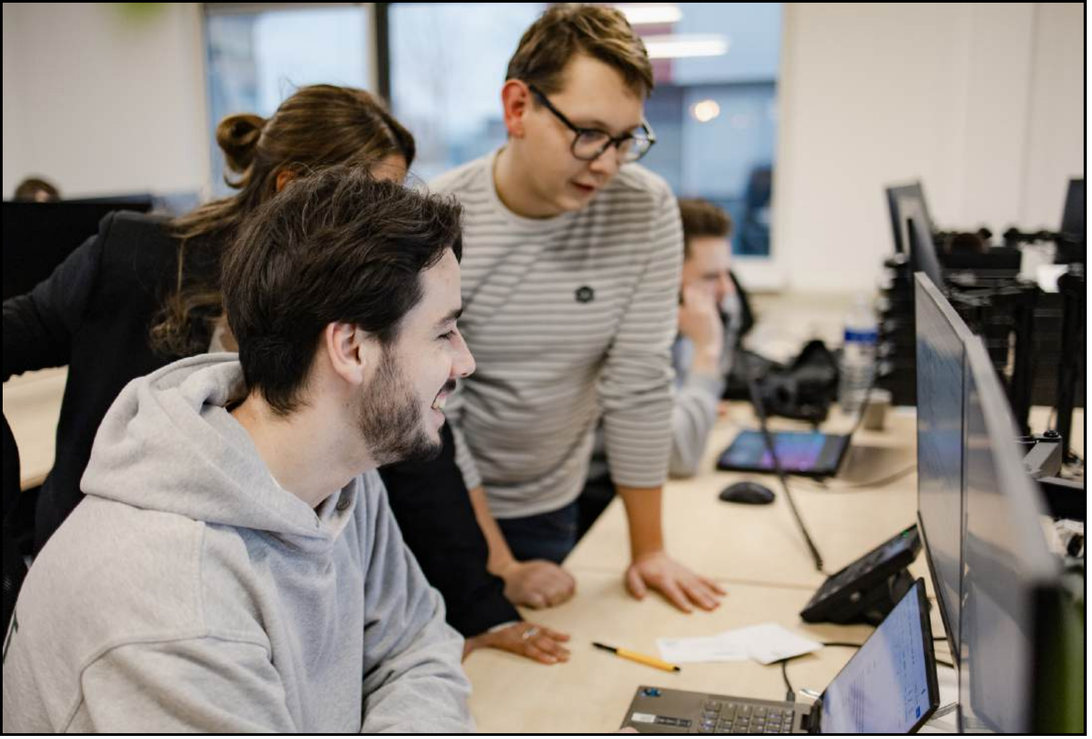
2020
Establishing worldwide technical partnerships.

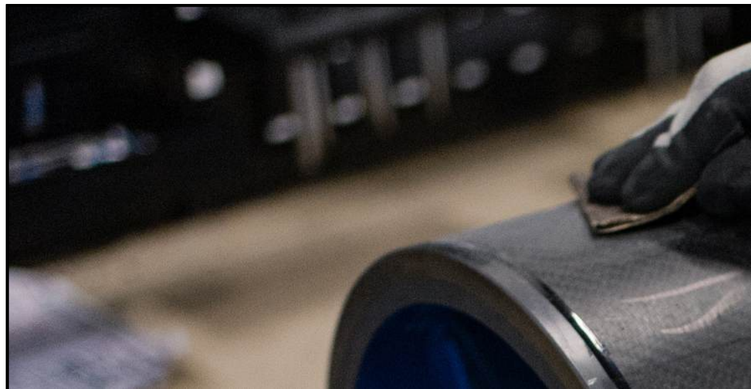
2021
Expanding developments with Rim Drive applications and system solutions.

2022
Worldwide signed distribution agreements.

2023
Constant improvement of designs, processes and supply chain.

2024
Innovate new products and enhance market presence for 2024.





A revolution in Propulsion

The combination of the inlet ring, outlet ring and propeller makes it the most efficient way of propulsion. Each part has been simulated via CFD analysis and intensively tested in real circumstances.

An **immediate** acceleration response in comparison with conventional solutions.

A **compact** and **lightweight** design makes our products compatible for the smallest installation.

Because of the **stepless** controlling our rim drive motors can be operated proportionally.

No center shaft **limits** the chance that ropes, or fishing nets will get stuck in the propeller.

Only one rotating part which **reduce** the amount of maintenance.

Propulsion systems

POD

The better alternative for an inboard motor

Steerable PODs

1 **Entry level - Steerable POD**

2 **Steerable POD**

320 degrees propulsive power for ultimate maneuverability

Propulsion systems

Outboards

1 **Entry level - outboard**

2 **Steerable outboard**

Different outboard solutions for your application

Bow thrusters

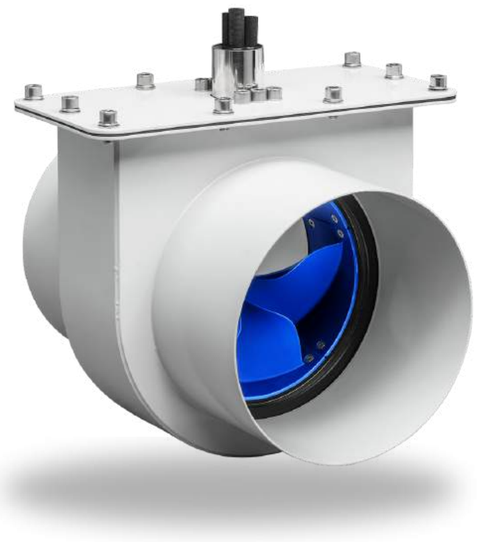
Standard thruster

The best solution for continuous running times

Thruster tunnel set

A strong stainless steel provides a robust solution for bow thrusters

Bow thruster box



The bow thruster box makes it easy to access the motor

Motor configurations

kW	POD	Entry level steerable POD	Steerable POD	Entry level outboard	Steerable outboard	Bow thruster
0.5	48V					48V
3.0	24V or 48V	24V or 48V	24V or 48V	24V or 48V		24V or 48V
5.0	24V or 48V	24V or 48V	24V or 48V	24V or 48V		24V or 48V
8.0	48V	48V	48V	48V		48V
11.0	48V	48V	48V	48V	48V	48V
15.0	48V or 96V	48V or 96V	48V or 96V	48V or 96V	48V or 96V	48V or 96V
25.0	96V	96V	96V			96V
30.0	110V or 400V	110V or 400V	110V or 400V			110V or 400V
50.0	400V or 550V	400V or 550V	400V or 550V			400V or 550V

*Upon request, all motors can be made at custom voltages.

Our batteries & accessories

We offer a wide range of accessories which increases the user friendliness of our motors. To provide the best customer experience, our accessories work efficiently with all our rim drive products.

Batteries

The best solution for full day operation

Available in 12V 60Ah / 100Ah / 200Ah
and in 48V 60Ah / 100Ah / 200Ah

Throttle controls

Our unique throttle control for ultimate compability

Side mount / single top mount / double top mount

Displays

Provides the right information at the right time

5'0 / 7'0 / 9'0 inch

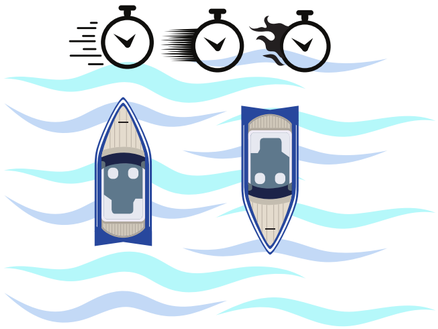
Cables

To support the system

Safety kit cables / Main power cables POD /
Steerable POD / Outboard / bow thruster

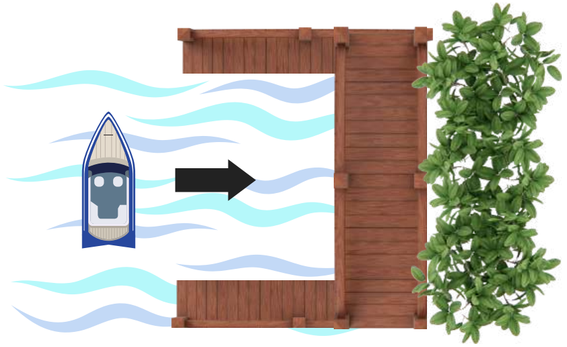
System functionalities

Offering additional system features for an electric application is vital. These features improve the experience, efficiency and safety for the user.



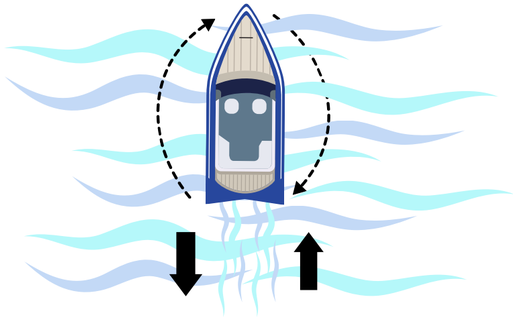
Steering sensitivity mode

With this function the sensitivity of the throttle can be determined. In smaller spaces, this function ensures that you can steer very accurately and quickly.



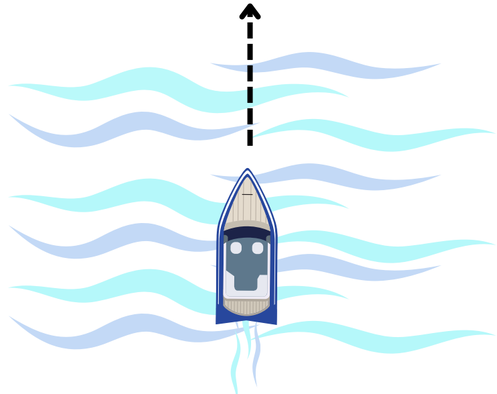
Side- shift parking mode

A parking function on a boat is crucial when docking. It provides precise control and stability, allowing for safe and easy boat parking. This minimizes damage to the boat and surrounding objects.



Differential steering

Differential steering makes it possible to rotate on your position with two fixed pods. We have realized an algorithm which calculates which motor should run in forward or reverse mode and at which RPM.

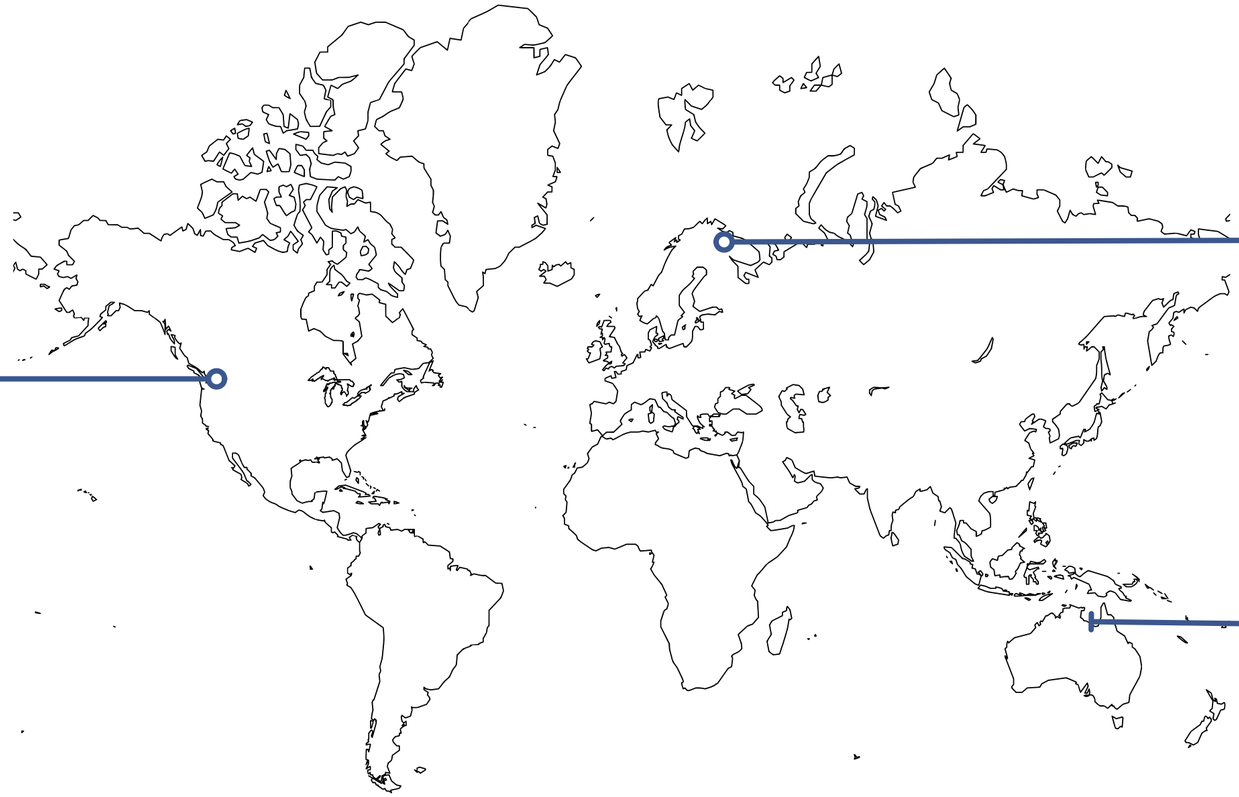


Magnetic compas

With this function it is possible to sail in a straight line for a long time without going off course. It minimizes deviations and ensures a relaxed and stable boating experience.

Our market

We are operating in more and more markets in different countries.



25%
AMERICA
United States,
Canada, Panama,
Martinique.

55%
EUROPE
Portugal, Spain,
France, Norway,
Sweden, Poland,
Germany, Turkey.

20%
ASIA - PACIFICS
India, Australia, Singapore,
South korea, China, Japan,
Thailand.

Simply contact your nearest dealer:
› Find dealer

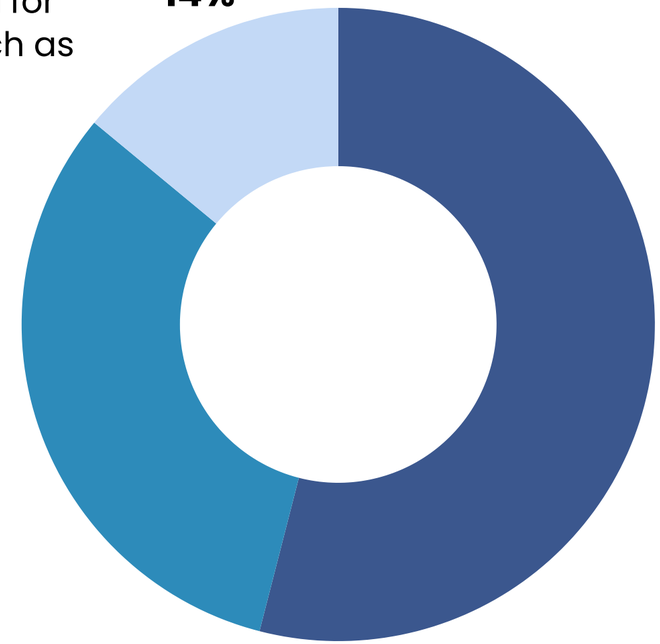
Marine applications

Our electric motors are used in various types of marine applications.

Subsea

Our motors can be used for subsea applications such as submarines and ROVs.

14%



Survey & industry

Our motors can be used for many (unmanned) research vessels manufacturers with surveying & positioning purposes.

32%

Leisure

54%

Our motors can be used as the main drive for pleasure crafts such as sloops, kayaks, dingys and sailboats.

Sharing knowledge and documents

We want to explain our customers the operation of our products. At our website you can find for each product the most relevant information.

Manual

To let you understand the way of installation and the important points of our products.

3D step

To let you understand the extremely limited size of our products and to easily integrate it in your design.

Brochure

To let you understand the characteristics of our products.

Reference document

To provide you with evidence of the product's effectiveness and reliability, and to convince you of its value and benefits.

RIM DRIVE TECHNOLOGY

And tell our story to other...

Rim Drive Technology

www.rimdrivetechnology.nl

+31 (0) 85 482 48 55

Info@rimdrivetechnology.nl