

RIM DRIVE TECHNOLOGY



2023

Reference document

Electric solutions with multiple advantages for your project.



Sloop A-610

A typical Dutch sloop used by smaller groups. It's lightweight and quiet which makes it perfect for sailing in shallow waters.



POD 5.0

Type	Length	Top speed
A-610	6 meters	11 km/h
Motor	Weight	Cruise speed
POD 5.0	940 kg	6 km/h
Battery capacity	Run time	Power at cruise
10 kWh	8 hours	3kW



Sloop A-780

This sloop is eight meters long which is perfect for larger groups. It's ideally used in the inland waterways of The Netherlands.



POD 11.0

Type A-780	Length 7,8 meters	Top speed 14 km/h
Motor POD 11.0	Weight 1230 kg	Cruise speed 6 km/h
Battery capacity 20 kWh	Run time 10 hours	Power at cruise 2kW



Pinasse boat

This medium boat is used for longer distance travel. It has a dual 15kW for extra thrust if desired.



(2X) POD 15.0

Type
Pinasse boat

Length
14 meters

Top speed
Unknown

Motor
(2X) POD 15.0

Weight
7500 kg

Cruise speed
11 km/h

Battery capacity
Unknown

Run time
5 hours



Workboat

To transport people from location A to B. Equipped with 24V bow and stern thrusters for ultimate maneuverability.



(3X) Thruster 3.0

Type
Workboat

Stern thruster
(2x) Thruster 3.0

Bow thruster
(1x) Bow thruster 3.0

Length
10,5 meter

Main engine
Diesel engine

Weight
7700 kg



Speed boat

Comfort and luxury combined, with ultimate maneuverability through a steerable pod. Ideal for medium speed applications.



Steerable 11.0

Type Speed boat	Length 7 meters	Top speed 15 km/h
Motor Steerable POD 11.0	Weight 960 kg	Cruise speed 9 km/h
Battery capacity 28 kWh	Run time 4 hours	Power at cruise 7.5kW



Submersible

We've installed dual 11.0kW POD electric motors in a submarine, advancing our eco-friendly commitment for cleaner, quieter marine transportation.



(2x) POD 11.0

Type	Submersible	Length	8 meters	Top speed	Classified
Motor	2x POD 11.0	Weight	Classified	Cruise speed	Classified
Battery capacity	Classified	Run time	Classified	Power at cruise	Classified



USV

From the mainland, unmanned vehicles can easily be deployed. Thanks to the accessibility of a remote control.



(2x) POD 11.0

Type	Length	Top speed
USV	3 meters	15 km/h
Main motor	Weight	Cruise speed
2x POD 11.0	350 kg	5 km/h
Bow thruster	Run time	Payload
Bow thruster 5.0	15 hours	170 kg



Yacht

An 15kW twin installation for heavy boats. This motor always ensures enough power.



(2x) Outboard 15.0

Type	Length	Top speed
Yacht	12 meters	10 km/h
Motor	Weight	Cruise speed
2x Outboard 15.0	7000 kg	8 km/h
Battery capacity	Run time	Power at cruise
60 kWh	7 hours	2x 3,7 kW



Electric ferry

All electric ferry for 12 pax, 5x3m and powered by Rim Drive Technology 11kW drive and 10kWh batteries. This is the most sustainable and safe way to ferry across.



Outboard 11.0

Type	Length	PAX
Ferry	5x3 meters	12 pers.
Motor	Weight	Cruise speed
Outboard 11.0 POD 3.0*	1200 kg	8 km/h
Battery capacity	Run time	
20 kWh	8 hours	

*Limited to 1kW output



Autonomous ferry

This company aims to help cities solve pollution and congestion problems by deploying networks of zero emission electric, autonomous ferries for mobility and last-mile logistics.



(2x) Steerable 50.0

Type	Length	Top speed
Ferry	Approx. 15 meters	28 km/h
Motor	Weight	Cruise speed
(2x) steerable 50.0	10.000 kg	11 km/h
Battery capacity	Run time	Power at cruise
95 - 285 kWh	5 hours*	15kW

*Based on 95kWh



USV boat

Students from the University School of Design and Engineering of Barcelona have successfully prototyped a USV boat. This prototype provided good stability and floatation data.



Outboard 5.0

Type	Length	Top speed
USV boat	2,6 meters	55 km/h
Motor	weight	Cruise speed
Outboard 5.0	180 kg	25 km/h
Battery capacity	Run time	
48V 60Ah	8 hours	



Toucan-Class sailboat

This sailboat is made with mahogany wood and in combination with the rim drive motors this means smooth sailing. When driving slowly, the thrust is very easy to control precisely.



POD 5.0

Type	Length	Weight
Sailboat	10,6 meters	2000 kg
Motor	Cruise speed	Power at cruise
POD 5.0	6,5 km/h	1,5kW
Battery capacity		
48V 60Ah		



Special project

An electric motor supplied for an aircraft, capable of carrying passengers over both water and through the air.



POD 3.0

Type
Airplane

Motor
POD 3.0

Application
Thruster for maneuvering

RIM DRIVE TECHNOLOGY



**Uncompromised
Electric Motors**

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